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APU SUSTAINABLE DEVELOPMENT REPORT 2025

SUSTAINABLE
DEVELOPMENT


CO2

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FOREWORD

Chief Executive Officer



Datuk Parmjit Singh

CEO

Asia Pacific University of Technology and Innovation (APU)

I am delighted to introduce the Sustainable Development Goals (SDG) Report for the year 2025 by Asia Pacific University of Technology and Innovation (APU). As the CEO of APU, I am immensely proud of the strides we have made in integrating sustainability into our practices, aligning with global aspirations while navigating the dynamic business landscape in Malaysia and beyond.

In recent years, the business landscape in Malaysia has seen remarkable transformations, marked by technological advancements, evolving consumer preferences, and an increasing emphasis on sustainability. As the world moves towards a more interconnected global economy, businesses face new challenges and opportunities that demand innovative and sustainable approaches.

Amidst this changing landscape, the importance of the Sustainable Development Goals cannot be overstated. The SDGs provide a universal framework that guides businesses to operate responsibly, address societal needs, and create value not only for shareholders but for all stakeholders, including communities and the environment.

At APU, we recognize that businesses play a pivotal role in driving sustainable development. Our commitment to the SDGs is deeply ingrained in our business strategies, operations, and corporate culture. We believe that integrating sustainable practices not only enhances business resilience but also contributes positively to society and the planet.

The SDG Report 2025 reflects our concerted efforts in embedding sustainability across our operations, academic endeavors, and community engagements. It showcases our dedication to fostering innovation, responsible business practices, and impactful collaborations that advance the SDGs.

As a university deeply entrenched in preparing future leaders and professionals, we understand the significance of instilling the principles of sustainability in our students. Our goal is to nurture graduates who are not only academically proficient but also socially responsible and equipped to address the challenges of the evolving business landscape.

In this rapidly changing world, our commitment to sustainable development serves as the guiding principle that steers our decisions and actions. We recognize the interconnectedness of global challenges and believe that collective efforts are essential to achieving the SDGs.

I extend my gratitude to everyone who has contributed to our SDG initiatives and invite all stakeholders to explore this report. Let us together reaffirm our commitment to sustainability, leveraging our collective strengths to create a more prosperous, equitable, and sustainable future for generations to come.

FOREWORD

Vice-Chancellor



Professor Dr. Ho Chin Kuan

Vice-Chancellor

Asia Pacific University of Technology and Innovation (APU)

It is with great pleasure that I present the Sustainable Development Goals (SDG) Report for the year 2025 by Asia Pacific University of Technology and Innovation (APU). As the Vice Chancellor of APU, I am immensely proud to witness the significant strides we have made in advancing sustainable practices and embracing the global call to action outlined by the United Nations' Sustainable Development Goals.

The SDGs serve as a blueprint for a better and more sustainable future for all, addressing critical global challenges such as poverty, inequality, climate change, environmental degradation, peace, and justice. At APU, we have embedded these goals into our academic, research, and operational frameworks, fostering a culture of responsibility, innovation, and inclusivity among our students, faculty, and staff.

Throughout the year 2025, our university remained steadfast in its commitment to contributing meaningfully to the SDGs. Our collective efforts spanned various initiatives, from education and research to community engagement and operational practices, aligning with the goals and targets set forth by the UN.

Our academic programs continue to integrate sustainability across disciplines, empowering our graduates with the knowledge and skills needed to address complex societal challenges. The dedication of our faculty and students in conducting impactful research further reinforces our commitment to finding sustainable solutions to real-world problems.

Moreover, our community engagement initiatives aimed to raise awareness, promote social responsibility, and foster partnerships that advance the SDGs. We understand that collaboration is key to achieving these goals and have actively sought partnerships with local communities, industries, and NGOs to drive positive change.

As we navigate the challenges and uncertainties of a rapidly changing world, our unwavering commitment to sustainable development remains resolute. This report serves as a testament to our continuous efforts, achievements, and the collective commitment of the APU community towards a more sustainable future.

I extend my heartfelt gratitude to everyone who has contributed to the success of our SDG initiatives. Your dedication and passion have been instrumental in propelling us closer to our shared vision of a better world for current and future generations.

I encourage all stakeholders to delve into this report, reflect on our progress, and join us on this ongoing journey towards a more sustainable and equitable future.

INTRODUCTION

The Asia Pacific University of Technology & Innovation (APU) recognises that its economic, social and civic responsibilities are central to its activities and that the University's core business and teaching operations have the potential to affect the environment, health and prosperity of its employees, its students and the communities in which it operates. APU Ultra-Modern University Campus is strategically located in Technology Park Malaysia (TPM), Kuala Lumpur. APU's Campus blends technology, integration, innovation and creativity under one roof. University wishes to play a central role in protecting and enhancing sustainability locally, nationally and internationally, by ensuring that this principle underpins all its operations and activities.



ENVIRONMENT & CLIMATE ACTION POLICY

Sustainable Development – "development that meets the needs of the present without compromising the ability of future generations to meet their own needs" (Brundtland Report, 1987). We at APU are committed to sustainable development and operating practices through the responsible management of building design, construction, and renovation, landscape practices, energy use, water and waste management, emissions, transportation, and procurement, within a framework of regulatory compliance and fiscal prudence. Through bold leadership and, in alignment with Government and industry, we will put environmental issues at the forefront of our operations. We recognize the role we can play in driving policy, changing behaviors and providing new ideas and solutions to difficult global problems.

CLIMATE ACTION GOALS

To integrate environmental and carbon action into all University processes and to maximize the influence of the University in reducing its footprint through education research and its operations.

APU has committed to achieving net zero greenhouse gas emissions by 2050. This is not a simple journey but it is necessary and important. Reaching net zero emissions will require collective effort and support from all our staff, students, and external stakeholders. To achieve this, we must ensure that we integrate climate action into all that we do.

RESPONSIBILITY

The Environment and Climate Action Board (attendees from Research, University, Professional Services and Students) is accountable for ensuring the Policy is implemented. Implementation will be embedded in all new decisions/ operations and activities. All employees have a responsibility to ensure that the aims and objectives of the policy are met.

APU APPROACH:

1. We will seek to create a culture on campus that supports and encourages staff and students to recognize that we all have an element of personal responsibility for the environment and to act on that.
2. We will strive to integrate and balance economic, social, and environmental responsibilities within all its activities. We are committed to operate as a responsible University, addressing the challenges of sustainable development.
3. We will continually improve, and to meet environmental legislative and regulatory requirements as they relate to all our activities.
4. We will continuously review our performance against the sustainability strategy using a quantitative and qualitative performance measurement approach. A report will be circulated to all APU Board members for review.

   APU will embrace the Environment and Climate Action Agenda both strategically and globally through its development of footprint reduction initiatives, Climate Action plans and staff, student, and community engagement. We will strive to minimize negative impacts and optimize positive opportunities by delivering our Climate action targets and goals through our strategies, recognizing our global and local reach, through the divers operations, partnership and programs. Asia Pacific University (APU) is a member of various networks, organsiations and have commitment and pledges to bring positive actions for the future of our environment, through education and research, as well as facility and resource management in line with sustainability goals.

GOAL 1: NO POVERTY

End Poverty in All Its Forms Everywhere

Research Output	15
Featured Stories	17

Asia Pacific University of Technology & Innovation (APU) supports the United Nations Sustainable Development Goal 1 (No Poverty) through initiatives that promote community engagement, social responsibility, and financial empowerment. The university encourages students and staff to actively participate in programmes that support vulnerable communities and contribute to improving the well-being of society. Through outreach activities, charitable initiatives, and awareness programmes, APU aims to foster a culture of compassion while empowering individuals with knowledge and opportunities that can help reduce economic inequalities.

1. SPREADING KINDNESS ONE INITIATIVE AT A TIME *03 Apr 2025, 11:13am*







The APU Community Engagement Club (ACE) at Asia Pacific University of Technology & Innovation (APU) organised several community outreach initiatives aimed at supporting vulnerable groups and promoting social responsibility. Led by President Himajasri Nedumaran and Vice President Joseph Khoo Cherng Yang, the club collaborated with the NGO The Hope Branch to implement various charitable activities across Kuala Lumpur.

Among the key initiatives was a New Year donation drive that raised RM1,500 to provide essential groceries for single-mother households at St. James Church, Sentul. During the Chinese New Year period, ACE volunteers visited Rumah Kasih in Taman Setapak, raising over RM1,500 to support elderly residents with groceries while spending time interacting with them to foster companionship and community spirit.

In conjunction with Hari Raya Aidilfitri, the club organised another fundraising initiative to distribute groceries to 80 underprivileged families at Surau Nurul Iman, Kota Damansara, helping families observe the festive season with dignity. Beyond festive initiatives, ACE also participated in a food distribution programme for the homeless, serving meals to approximately 250 individuals at Pusat Pembelajaran Komuniti Chow Kit and Pusat Khidmat Gelandangan Medan Tuanku.





Through these initiatives, APU students demonstrated strong commitment to community service, compassion, and social responsibility, reflecting the university's dedication to supporting underserved communities and fostering a culture of volunteerism among students.

Read more here: *https://www.apu.edu.my/news/spreading-kindness-one-initiative-time*

2. ESG SOCIAL RESPONSIBILITY IFTAR PROGRAMME *21 Mar 2025, 10:32am*







Students from the School of General Studies (SoGS) at Asia Pacific University of Technology & Innovation (APU) organised the "Iftar On The Go" community outreach programme during Ramadan, led by the Secretarial Rukun Negara Club. The initiative involved 40 student volunteers from the UCDF2408 intake, led by Mr Ragunathan Ayyavoo (Head of SoGS) and accompanied by SoGS lecturers, including Ms Vicknisha Balu (Project Lead), Mr Suresh S. Saminathan, Ms Munirah Salamat, Ms Neeshanti Rhamaroo, and Ms Jun Nazlia Hilwa Mohd. Ali.

The programme was held at Terminal Bersepadu Selatan (TBS), where students prepared and distributed 1,000 free packed iftar meals to commuters, travellers, and members of the public who were breaking fast. The meals were made possible through student-led fundraising activities conducted in the weeks leading up to the event, reflecting strong teamwork and commitment to community service.

The initiative aimed to promote generosity, empathy, and civic responsibility during Ramadan, while encouraging students to actively participate in volunteerism and community engagement. The programme also reflected APU's commitment to Environmental, Social, and Governance (ESG) values, emphasising unity, compassion, and social responsibility.

Overall, the Iftar On The Go event demonstrated the strong involvement of APU students in community service, delivering meaningful support to the public while fostering a culture of empathy and volunteerism within the university community.

Read more here: *https://www.apu.edu.my/news/apu-students-drive-esg-social-responsibility-iftar-go*

3. FINANCIAL LITERACY FOR COMMUNITY EMPOWERMENT *08 Jul 2025, 10:05am*






APU student Yew Choon Yuen won first place at the Myduitstory 5.0 Short Video Competition, organised by the Financial Education Network (FEN) in conjunction with the Sasana Symposium 2025, for his creative video highlighting the importance of financial literacy.

The award-winning video addressed the growing trend of Buy Now, Pay Later (BNPL) spending among young people and illustrated the long-term consequences of poor financial decisions. Through an engaging narrative combining 2D and 3D storytelling, the video contrasted two characters – one who practises responsible financial planning and another who overspends irresponsibly. The competition aims to promote responsible financial behaviour and better money management among youth, encouraging greater awareness of the risks associated with impulsive spending and digital payment systems.

By promoting financial literacy through creative media, APU students contribute to empowering individuals with knowledge and skills that support financial resilience and long-term economic well-being, aligning with the broader objectives of SDG 1: No Poverty.

Read more here: *https://www.apu.edu.my/news/yew-choon-yuen-nabs-first-place-myduitstory-50-innovative-financial-literacy-video*

IMPACT

APU's SDG 1 initiatives demonstrate the university's commitment to supporting communities and promoting inclusive development.

- Active participation of student volunteers in community outreach initiatives
- Support provided to underserved and vulnerable groups through charitable activities
- Increased public awareness of financial literacy and responsible financial management
- Strengthened culture of empathy and social responsibility among students

Through these initiatives, APU continues to empower students to contribute meaningfully towards building a more inclusive and equitable society.

Other Initiatives Supporting SDG 1

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Community Engagement	APU Students Embrace Community Spirit with Food Aid	*https://www.apu.edu.my/news/apu-students-embrace-community-spirit-food-aid*
2		Engaging Hearts and Minds at Rumah Bakti Nur Ain	*https://www.apu.edu.my/news/engaging-hearts-and-minds-rumah-bakti-nur-ain*
3		Building Hope One Paperclip at a Time	*https://www.apu.edu.my/news/building-hope-one-paperclip-time*
4	Refugee / Vulnerable Community Support	Empowering Refugees Through a Day of Shared Learning and Joy	*https://www.apu.edu.my/news/empowering-refugees-through-day-shared-learning-and-joy*
5		APU Psychology Students Championing Refugee Well-Being	*https://www.apu.edu.my/news/apu-psychology-students-championing-refugee-well-being*
6		APU Students Gain Profound Insights into Refugee Journeys	*https://www.apu.edu.my/news/apu-students-gain-profound-insights-refugee-journeys-lecture*
7		APU School of Foundation and Elshaddai Refugee School Commitment to Mental Health	*https://www.apu.edu.my/news/apus-school-foundation-and-elshaddai-refugee-school-continue-their-commitment-mental-health*
8		APU School of Foundation Engagement with Elshaddai Refugee School	*https://www.apu.edu.my/news/apus-school-foundation-continues-its-engagement-elshaddai-refugee-school*
9	Support for Underprivileged Communities	Bringing Smiles and Science to Teens at Girl Home Shelter	*https://www.apu.edu.my/news/bringing-smiles-and-science-teens-girl-home-shelter*
10		Empowering Children Through Social Responsibility	*https://www.apu.edu.my/news/empowering-children-through-social-responsibility*
11		Mindful Eating in Action: Promoting Healthy Habits with Suriana Kids	*https://www.apu.edu.my/news/mindful-eating-action-promoting-healthy-habits-suriana-kids*
12		APU School of Foundation and Suriana Welfare Society Launch Monthly CSR Project	*https://www.apu.edu.my/news/apus-school-foundation-and-suriana-welfare-society-malaysia-launch-monthly-csr-project*
13	Financial Empowerment / Financial Literacy	Empowering Financial Futures	*https://www.apu.edu.my/news/empowering-financial-futures*
14		Money Talks	*https://www.apu.edu.my/news/money-talks*

GOAL 2: ZERO HUNGER

End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture

Research Output	25
Featured Stories	9

Asia Pacific University of Technology & Innovation (APU) contributes to the United Nations Sustainable Development Goal 2 (Zero Hunger) through initiatives that promote food accessibility, nutrition awareness, and responsible food practices within the community. The university encourages students to participate in outreach programmes that support vulnerable groups while fostering a deeper understanding of food security and sustainable consumption. Through partnerships with community organisations, student-led volunteer programmes, and awareness initiatives, APU seeks to strengthen community well-being while nurturing socially responsible graduates who are mindful of global sustainability challenges.

1. SUPPORTING FOOD SECURITY THROUGH COMMUNITY FOOD AID

11 Mar 2025, 11:20am







Students from the School of Global Hospitality and Tourism (SoGHT) at Asia Pacific University of Technology & Innovation (APU) demonstrated their commitment to community service by volunteering with The Food Aid Foundation, a non-profit food bank organisation dedicated to addressing food insecurity.

During the initiative, APU students assisted with food packaging and distribution activities, contributing their time and effort to support underprivileged communities. The experience allowed students to understand the challenges faced by vulnerable groups while strengthening their sense of social responsibility and compassion.



Through this activity, students not only supported the distribution of essential food supplies but also gained valuable practical experience in teamwork, organisation, and hospitality management skills.

The initiative reflects APU's commitment to advancing Sustainable Development Goal 2: Zero Hunger by promoting community engagement and supporting efforts to improve food security among underserved populations.

Read more here: *https://www.apu.edu.my/news/apu-students-embrace-community-spirit-food-aid*

2. TACKLING FOOD WASTE THROUGH FOOD RESCUE PARTNERSHIPS

21 Mar 2025, 12:50 pm



Students from Asia Pacific University of Technology & Innovation (APU) collaborated with The Lost Food Project (TLFP) to address food waste and improve food security for vulnerable communities. The initiative builds upon the Memorandum of Agreement (MOA) established between APU and TLFP in 2023, strengthening ongoing efforts to reduce food waste and support those facing food insecurity.

Organised by the Sustainable Future Fusion (SFF) Club, the programme involved hands-on food rescue workshops where students assisted in sorting, cleaning, and preparing rescued produce for redistribution. Through these activities, students gained practical insights into food sustainability, responsible consumption, and the importance of reducing food waste.





The Lost Food Project redistributes surplus food to more than 10,000 beneficiaries weekly, including the elderly, refugees, people with disabilities, and underserved communities.

By participating in the initiative, APU students contributed to ensuring that rescued food reaches those in need while raising awareness about sustainable food systems.

This collaboration demonstrates APU's commitment to advancing Sustainable Development Goal 2: Zero Hunger by supporting food redistribution initiatives and fostering student engagement in sustainable community programmes.

Read more here: *https://www.apu.edu.my/news/apu-students-partner-lost-food-project-tackle-food-waste*

3. PROMOTING HEALTHY EATING HABITS WITH SURIANA KIDS *01 Aug 2025, 03:26 pm*



Students and lecturers from the School of Foundation (SoF) at Asia Pacific University of Technology & Innovation (APU) partnered with the Suriana Welfare Society to conduct a community outreach programme titled "Mindful Eating in Action."

The initiative involved 18 dedicated APU Foundation programme volunteers' team up with three lecturers Ms Iman Danish Sha, Ms Ruthira Nair A.B Krishenan and Ms Anuratha Kanniah who organised interactive activities designed to introduce children to healthy eating habits and nutrition awareness. Through games, discussions, and guided activities, the volunteers demonstrated how mindful food choices can contribute to better health and well-being.

The programme allowed APU students to engage directly with the Suriana children, creating a supportive learning environment where knowledge about nutrition was shared in a fun and accessible way. The session also highlighted the importance of early awareness of healthy eating practices among young learners.

Participants described the experience as both meaningful and rewarding, as they were able to interact with the children while contributing to a community initiative focused on promoting healthier lifestyles.



Read more here: *https://www.apu.edu.my/news/mindful-eating-action-promoting-healthy-habits-suriana-kids*

IMPACT

APU's efforts in supporting SDG 2 highlight the role of education institutions in promoting food security awareness and encouraging responsible community engagement. Through student-driven outreach programmes and collaborative initiatives with community partners, these activities help extend food assistance to those in need while promoting healthy dietary habits and sustainable food practices.

- Large-scale food distribution initiatives benefiting commuters and members of the public
- Community food aid programmes supporting vulnerable and underserved groups
- Educational activities promoting nutrition awareness and responsible eating habits
- Student volunteer engagement that strengthens community connections and social responsibility

Through these initiatives, APU continues to inspire students to play an active role in addressing food-related challenges while contributing to broader efforts aimed at building healthier and more sustainable communities.

Other Initiatives Supporting SDG 2

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Food Aid / Meal Distribution	APU Students Drive ESG Social Responsibility: Iftar On The Go	*https://www.apu.edu.my/news/apu-students-drive-esg-social-responsibility-iftar-go*
2		Spreading Kindness One Initiative at a Time	*https://www.apu.edu.my/news/spreading-kindness-one-initiative-time*
3		Engaging Hearts and Minds at Rumah Bakti Nur Ain	*https://www.apu.edu.my/news/engaging-hearts-and-minds-rumah-bakti-nur-ain*
4	Food Security / Community Food Support	APU School of Foundation and Suriana Welfare Society Launch Monthly CSR Project	*https://www.apu.edu.my/news/apus-school-foundation-and-suriana-welfare-society-malaysia-launch-monthly-csr-project*
5		Empowering Children Through Social Responsibility	*https://www.apu.edu.my/news/empowering-children-through-social-responsibility*
6		Bringing Smiles and Science to Teens at Girl Home Shelter	*https://www.apu.edu.my/news/bringing-smiles-and-science-teens-girl-home-shelter*

GOAL 3: GOOD HEALTH AND WELL BEING

Ensure Healthy Lives and Promote Well-Being for All at All Ages

Research Output	37
Featured Stories	12

Asia Pacific University of Technology & Innovation (APU) promotes the United Nations Sustainable Development Goal 3 (Good Health and Well-being) by encouraging initiatives that support healthy lifestyles, mental well-being, and health-related innovation. The university recognises that well-being is essential for academic success and community development. Through awareness campaigns, wellness activities, community outreach, and research-driven innovation, APU empowers students to understand the importance of maintaining both physical and mental health while contributing positively to the well-being of society.

1. APU OBSERVES WORLD MENTAL HEALTH DAY WITH CAMPUS WELLNESS INITIATIVES *25 Nov 2025, 05:45 pm*





Asia Pacific University of Technology & Innovation (APU) observed World Mental Health Day 2025 through a series of initiatives aimed at raising awareness about mental health support and well-being among students.

The main programme was the "Well-Being Workshop: Psychological First Aid during Crisis", conducted by Grace Chan, a registered counsellor from Kintsugi Cares Mental Health. During the session, students were introduced to the concept of Psychological First Aid (PFA) and learned practical strategies for responding to emotional distress during emergencies such as natural disasters, pandemics, and other crises.



As part of the observance, APU also collaborated with PT Foundation to provide free HIV and STI screening services on campus, helping students gain access to preventive healthcare while promoting awareness of the relationship between physical health and psychological well-being.

In addition, the APU Counselling Team organised career exploration and personality assessment sessions, allowing students to better understand their strengths, career interests, and personal development pathways while supporting personal well-being and informed decision-making.

Through these activities, students gained practical knowledge on mental health awareness, crisis response, and personal well-being while strengthening a supportive campus environment that encourages open conversations about mental health.

Read more here: *https://www.apu.edu.my/news/apu-joins-global-observance-world-mental-health-day*

2. YOGA FOR CHARITY PROMOTES WELLNESS AND COMMUNITY SUPPORT

07 May 2025, 04:23 pm



Asia Pacific University of Technology & Innovation (APU) organised the annual "Yoga for Charity" initiative led by the School of Foundation (SoF), bringing together students and staff in a wellness activity that combined physical well-being with community support.



The event was organised by SoF lecturers Ms Ruthira Nair A.B. Krishenan and Ms Nur Azliyana Abd Kadir, together with a team of student volunteers, and featured a guided yoga session conducted by Master Amutha, an experienced yoga instructor who has supported the initiative for several years.

More than 60 participants joined the session, engaging in breathing exercises, stretching, and mindful movement in a relaxed indoor setting on campus. The programme created an opportunity for participants to focus on personal well-being while also contributing to a charitable cause.

Funds collected through participation fees and donations raised more than RM1,500, which were directed to the Ampang Refugee Home to support essential provisions for refugee families. The initiative also helped raise awareness among the APU community about the importance of supporting vulnerable groups through collective action.

Read more here: *https://www.apu.edu.my/news/yoga-charity-2025-healthy-hearts-helping-hands*

3. APU ENGINEERING STUDENTS DEVELOP ASSISTIVE INNOVATION FOR HEALTHCARE *08 Aug 2025, 04:03 pm*

A team of students from the Asia Pacific Centre of Robotics Engineering (APCORE) at Asia Pacific University of Technology & Innovation (APU) won first place at the 2ND INNOMD: Innovation Pitching Powered by PERANTIM 2025, held as part of International Healthcare Week 2025.



The team namely Thanigai Kumaran Muthukumaran, Kiew Zheng Wei, and Kevin M. Das, third-year students in Bachelor of Engineering (Hons) in Mechatronic Engineering presented a project called Tremor-X, a self-stabilising spoon designed to assist individuals experiencing hand tremors caused by neurological conditions such as Parkinson's disease, essential tremors, stroke, and age-related motor impairments.

Tremor-X uses a motion-sensing unit to detect involuntary hand movements and a motor stabilisation mechanism to reduce

tremors while the user holds the utensil. The device is designed to be portable and rechargeable for daily use. The students participated in the Healthcare & Medical Devices category and were mentored by Ts Suresh Gobee, Senior Lecturer at the School of Engineering and Head of APCORE. The project also received advisory support from Professor Ir Eur Ing Ts Dr Vinesh Thiruchelvam, APU's Chief Innovation and Enterprise Officer.

This achievement reflects APU's commitment to encouraging innovation that contributes to healthcare advancement while empowering students to apply their knowledge in developing solutions that benefit society.

Read more here: *https://www.apu.edu.my/news/apu-young-engineers-scoop-top-prize-national-medical-innovation-pitching-competition-2025*



IMPACT

APU's initiatives supporting SDG 3 demonstrate the university's commitment to promoting health awareness, encouraging active lifestyles, and advancing innovation in healthcare-related fields.

- Increased awareness of mental health and emotional well-being among students and communities
- Promotion of healthy lifestyles through wellness activities and fitness programmes
- Engagement of students in charitable initiatives that support health and well-being
- Encouragement of health-related innovation and technological solutions addressing healthcare challenges

Through these initiatives, APU continues to cultivate a culture that values physical health, mental resilience, and community well-being, empowering students to contribute positively to healthier and more inclusive societies.

Other Initiatives Supporting SDG 3

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Mental Health / Psychological Well-being	APU Psychology Students Championing Refugee Well-Being	*https://www.apu.edu.my/news/apu-psychology-students-championing-refugee-well-being*
2		APU School of Foundation and Elshaddai Refugee School Commitment to Mental Health	*https://www.apu.edu.my/news/apus-school-foundation-and-elshaddai-refugee-school-continue-their-commitment-mental-health*
3		Transformative Day Equipping Psychology Students with Active Listening Skills Aligned with SDG 3	*https://www.apu.edu.my/news/transformative-day-equipping-psychology-students-active-listening-skills-aligned-sdg-3*
4		Breaking Stigma and Building Hope: Students Gain Insights on HIV	*https://www.apu.edu.my/news/breaking-stigma-and-building-hope-students-gain-insights-hiv*
5	Health Awareness / Community Health Outreach	APU Students Brighten Pertubuhan Hati Emas Kansai with Community Initiative	*https://www.apu.edu.my/news/apu-students-brighten-pertubuhan-hati-emas-kansai-paint*
6		Breaking Barriers Through Sports: J8 Autism Athletics	*https://www.apu.edu.my/news/breaking-barriers-through-sports-j8-autism-athletics*
7	Student Health & Wellness Activities	APU Celebrates Inspiring Achievements in its First Wellness Warrior Challenge	*https://www.apu.edu.my/news/apu-celebrates-inspiring-achievements-its-first-ever-wellness-warrior-challenge*
8		Strengthening Connections and Promoting Well-being Through Fun-filled Competition	*https://www.apu.edu.my/news/strengthening-connections-and-promoting-well-being-through-fun-filled-competition*
9	Health & Medical Innovation / Technology	APU's HealthSync Secures Gold at VIC 2025	*https://www.apu.edu.my/news/apus-healthsync-secures-gold-vic-2025*

GOAL 4: QUALITY EDUCATION

Ensure Inclusive and Equitable Quality Education and Promote Lifelong Learning Opportunities For All

Research Output	27
Featured Stories	19

Asia Pacific University of Technology & Innovation (APU) is committed to advancing the United Nations Sustainable Development Goal 4 (Quality Education) by expanding access to learning opportunities, strengthening knowledge transfer, and promoting inclusive education. The university actively encourages students and academics to engage in programmes that share knowledge with communities, enhance teaching practices, and equip learners with future-ready skills. Through educational outreach initiatives, training programmes, and global academic collaborations, APU contributes to building a learning ecosystem that empowers individuals and communities through education.

1. STEM KNOWLEDGE TRANSFER PROGRAMME FOR SCHOOL STUDENTS

05 Aug 2025, 12:34 pm

The School of Engineering (SoE) at Asia Pacific University of Technology & Innovation (APU) organised a Knowledge Transfer Programme at SJK (T) Sungai Buaya, Banting, Selangor, aimed at introducing school students to Science, Technology, Engineering, and Mathematics (STEM).





The programme was led by Ir Ts Dr Reena Sri Selvarajan with support from Dr Sharman Sundarajoo and conducted in collaboration with Worlds of Robotics. A total of 40 students from Standard 4 to Standard 6 participated in the half-day programme.





The activities included a STEM awareness talk and a hands-on robotics workshop, where students were guided to build and program LEGO-based robots. For many participants, it was their first experience assembling and testing a robot.

A follow-up survey conducted after the programme found that 95% of participants expressed increased interest in STEM fields, indicating the programme's role in encouraging students to explore science and technology-related learning pathways.

Read more here: *https://www.apu.edu.my/news/apus-soe-knowledge-transfer-programme-ignites-stem-dreams-sjk-t-sungai-buaya-banting-selangor*

2. EMPOWERING UNDERSERVED COMMUNITIES THROUGH EDUCATIO

22 Jan 2025, 12:00 pm



The DIGITGAL Special Interest Group under the APU-UNESCO Chair at Asia Pacific University of Technology & Innovation (APU) collaborated with Teach For Malaysia (TFM) to support students from low-income communities through the Education Recovery Tutoring Initiative (ERTI).







The programme was conducted between October and December 2024 at PPR Raya Permai, focusing on students from B40 households who had experienced learning disruptions during the pandemic. The initiative aimed to strengthen students' academic foundations in Mathematics, English, and Bahasa Melayu.

The project was led by Ms Vinorra Shaker, Head of the School of Psychology and DIGITGAL GROW Lead, with support from Professor Dr Abtar Kaur Darshan Singh, APU UNESCO Chair and Director of the Digital Learning Hub, together with lecturers from several schools within the university. APU students also participated as volunteers, contributing to lesson planning, interactive learning activities, and tutoring sessions designed to help students improve their academic performance and confidence. The initiative provided structured educational support while giving APU students practical experience in community engagement and educational outreach.

Read more here: *https://www.apu.edu.my/news/empowering-children-through-social-responsibility*

3. KNOWLEDGE TRANSFER PROGRAMME FOR ORANG ASLI COMMUNITIES

14 Jan 2025, 05:37 pm

Asia Pacific University of Technology & Innovation (APU) organised the Knowledge Transfer Programme (KTP) 2024 to provide digital literacy, sustainability awareness, and STEM exposure to the Orang Asli community in Kuala Kubu Bharu, Selangor.









The programme was led by Ms Harjinder Kaur, Senior Lecturer from the School of Marketing and Management (SoMM), in collaboration with Dr Nor Azrul Mohd Zin from Universiti Kebangsaan Malaysia (UKM). The initiative involved partnerships with several organisations including Jabatan Kemajuan Orang Asli (JAKOA) Selangor, the Association of Malaysian Environment-Behaviour Researchers (AMER), the Hulu Selangor District Education Office (PPD), and Ekuiti Nasional Berhad (EKUINAS).

A total of 36 Orang Asli children participated in workshops conducted over three phases. The activities included a sustainability workshop on eco-friendly soap making, digital literacy training using presentation tools, and STEM exposure activities, including hands-on sessions in APU's computer laboratories and a learning visit to Petrosains KLCC.

The programme reflects APU's continued efforts to expand educational opportunities for underserved communities while strengthening collaboration with external partners to support inclusive learning and community development.





Read more here: *https://www.apu.edu.my/news/apus-knowledge-transfer-programme-brings-digital-skills-and-sustainability-orang-asli*

1. DIGITAL LEARNING BEST PRACTICES AT UNESCO-UNICEF EVENT

04 Feb 2025, 09:41 am

Ir Ts Dr Alexander Chee Hon Cheong, Professor from the School of Engineering at Asia Pacific University of Technology & Innovation (APU), delivered a keynote presentation at the 2024 Gateways Study Visit, an international event organised by UNESCO and UNICEF in Bali, Indonesia.

The forum brought together education leaders from more than 20 countries to discuss digital learning strategies and collaboration in education. Dr Alexander represented APU and Malaysia alongside delegates from the Malaysian Ministry of Education.



During the session, he presented approaches to integrating digital tools into teaching and learning, strengthening university–industry collaboration, and preparing graduates with skills relevant to evolving technological and workforce demands.

The event provided a platform for knowledge exchange among international education stakeholders and supported ongoing discussions on the development of innovative and sustainable digital learning practices in higher education.

Read more here: *https://www.apu.edu.my/news/digital-learning-best-practices-shared-apu-professor-unesco-unicef-event*

IMPACT

APU's initiatives aligned with SDG 4 highlight the university's efforts to expand learning opportunities, promote inclusive education, and strengthen knowledge exchange with communities.

- Educational outreach programmes introducing STEM learning to school students
- Academic mentoring and tutoring initiatives supporting underserved learners
- Knowledge transfer activities empowering communities with digital skills and lifelong learning opportunities
- International knowledge sharing that advances teaching innovation and educational best practices

Through these initiatives, APU continues to contribute to the development of quality education while preparing students and communities to thrive in an increasingly knowledge-driven world.

Other Initiatives Supporting SDG 4

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Education Outreach / Community Learning	Empowering Underserved Communities Through Education	*https://www.apu.edu.my/news/empowering-underserved-communities-through-education*
2		Empowering Young Minds Through Interactive Learning	*https://www.apu.edu.my/news/empowering-young-minds-through-interactive-learning*
3	Teaching Innovation / Educational Development	Breaking Boundaries: APLC-led Collaboration Transforms English Classrooms Nationwide	*https://www.apu.edu.my/news/breaking-boundaries-aplc-led-collaboration-transforms-english-classrooms-nationwide*
4		Empowering Educators, Inspiring Minds	*https://www.apu.edu.my/news/empowering-educators-inspiring-minds*
5		Redefining Future Learning and Education	*https://www.apu.edu.my/news/redefining-future-learning-and-education*
6	Skills Development / Student Learning Programmes	APU Empowers Future Actuaries Through Hands-on Industry-led Excel VBA Mastery Workshop	*https://www.apu.edu.my/news/apu-empowers-future-actuaries-through-hands-industry-led-excel-vba-mastery-workshop*
7		SOE Students Level Up GenAI Skills at Cognizant Workshop	*https://www.apu.edu.my/news/soe-students-level-genai-skills-cognizants-workshop*
8		Matrix Applications Workshop Enhances Students' Problem-Solving Skills	*https://www.apu.edu.my/news/matrix-applications-workshop-enhances-students-problem-solving-skills*
9		Financial AI Wizard Workshop Empowering Future Leaders in Financial Literacy	*https://www.apu.edu.my/news/financial-ai-wizard-workshop-empowering-future-leaders-financial-literacy*
10		APU Empowers Researchers Through Strategic Publishing Workshop	*https://www.apu.edu.my/news/apu-empowers-researchers-strategic-publishing-workshop*
11	Educational Partnerships / Knowledge Exchange	APU Strengthens Global Engineering Links with National Chung Cheng University Taiwan	*https://www.apu.edu.my/news/apu-strengthens-global-engineering-links-taiwans-national-chung-cheng-university*
12		APU and DMU Global Psychology Exchange Strengthens Academic and Cultural Bonds	*https://www.apu.edu.my/news/apu-and-dmu-global-psychology-exchange-strengthens-academic-and-cultural-bonds*
13		APU Strengthens Global Ties Through Faculty Exchange	*https://www.apu.edu.my/news/apu-strengthens-global-ties-through-faculty-exchange*
14		APU and DUT Forge Global Research Ties	*https://www.apu.edu.my/news/apu-and-dut-forge-global-research-ties*
15		Bridging Borders Through Education	*https://www.apu.edu.my/news/bridging-borders-through-education*

GOAL 5: GENDER EQUALITY

Achieve Gender Equality and Empower All Women and Girls

Research Output	9
Featured Stories	6

At Asia Pacific University of Technology & Innovation (APU), gender equality is reflected through initiatives that support the advancement of women in education, leadership, and technology. The university encourages dialogue on gender-related issues while creating platforms that enable women and girls to build confidence, develop professional skills, and participate actively in fields traditionally underrepresented by women.

Through academic engagement, student-led initiatives, and collaborations with external organisations, APU continues to foster awareness and opportunities that support women's empowerment. These activities contribute to strengthening inclusive participation in education and professional development, particularly within technology and innovation-driven sectors.

1. APU DIGITGAL CHAMPIONS WOMEN'S EMPOWERMENT AT GIGBIT 2025

19 Jun 2025, 03:53 pm





Asia Pacific University of Technology & Innovation (APU) participated in the Wanita Gig and Business in Technology (Gig@BIT) 2025, a national women's empowerment event held at M Resort & Hotel Kuala Lumpur. The programme was organised by the Ministry of Women, Family and Community Development (KPWKM) and officiated by Datuk Seri Nancy Shukri, Minister of Women, Family and Community Development, bringing together more than 350 participants to explore economic opportunities for women in the digital economy.

APU was represented by the Driving Girls in Technology, Growth & Leadership (DIGITGAL) Special Interest Group under the APU–UNESCO Chair, led by Dr Meera Eeswaran, Senior Lecturer from the School of Accounting and Finance (SoAF). During the forum titled "Realising Aspirations into a Technological Revolution", Dr Meera highlighted APU's initiatives in empowering women through technology education, including the university's Fintech Academy, which provides industry-driven learning experiences in digital finance, blockchain, and investment analytics.

The forum also featured prominent women leaders including Dr Jezamine Lim Iskander, CEO of Cell Biopeutics Resources; Ms Nuraizah Shamsul Baharin, Founder and CEO of MADCash Sdn Bhd; and Ms Gevi Lim, Chief Operating Officer of Pepper Labs Sdn Bhd. Their discussions focused on women's leadership, innovation, and entrepreneurship within technology-driven industries.



APU's participation was further supported by academic representatives from multiple schools, including Ms Vinorra Shaker, Head of the School of Psychology; Ir Eur Ing Ts Dr Harvin Kaur Gurchran Singh, Assistant Professor from the School of Engineering; and Ms Davina Farhana Dave Irwan Shah, Lecturer from the School of Architecture and Built Environment. The engagement strengthened collaboration between academia, government agencies, and industry stakeholders in advancing women's participation in technology and innovation.

Read more here: *https://www.apu.edu.my/news/apu-digitgal-champions-womens-empowerment-gigbit-2025*

2. WISE 2025: EMPOWERING WOMEN AND SHAPING STEM FUTURES

12 Jun 2025, 12:48 pm

Asia Pacific University of Technology & Innovation (APU) organised WISE 2025 (Women in STEM Empowerment) to encourage greater participation of women in science, technology, engineering, and mathematics (STEM).



The initiative was led by Ir Eur Ing Ts Dr Harvin Kaur Gurchran Singh (Assistant Professor, School of Engineering at APU) and Dr Meera Eeswaran (Senior Lecturer, School of Business at APU) under APU's DIGITGAL (Driving Girls in Technology, Growth, and Leadership) platform. The event brought together more than 200 participants from academia, industry, and government sectors to discuss inclusive innovation, leadership development, and opportunities for women in STEM education and career.





Through panel discussions, sharing sessions, and networking activities, participants explored strategies to strengthen women's participation in technology-driven industries while highlighting the importance of mentorship, professional networks, and supportive learning environments.

The programme provided a platform for students, academics, industry practitioners, and policymakers to exchange perspectives on advancing gender equality in STEM fields and to encourage young women to pursue careers in science, engineering, and innovation.

Read more here: *https://www.apu.edu.my/news/wise-2025-empowering-women-and-shaping-stem-futures*

3. EXPLORING GENDER JUSTICE THROUGH THE FEMINIST MOVEMENT IN MALAYSIA *28 Apr 2025, 11:05 am*

Asia Pacific University of Technology & Innovation (APU) organised a guest lecture examining the feminist movement in Malaysia, providing students with perspectives on gender equality, legal rights, and social justice.





The session was conducted under the guidance of Mr Tan Wei Yu, Lecturer from the School of Psychology (SoP) at APU, and coordinated by Parisa Sadat Bizeh, a third-year Psychology student. Ms Chong Kar Yan, a practicing lawyer and advocate for gender equality, served as the invited guest lecturer for the session.

During the lecture, Ms Chong shared insights into the historical development of feminist advocacy in Malaysia and discussed key issues related to gender inequality, legal protections, and institutional responsibilities. The discussion highlighted how legal frameworks, social movements, and public awareness have shaped the advancement of women's rights in the country.

Students explored how these issues relate to the study of psychology, particularly in understanding social attitudes, identity formation, and the role of institutions in addressing inequality. The session encouraged participants to reflect critically on gender justice while recognising the importance of education in promoting inclusive and equitable societies.

Read more here: *https://www.apu.edu.my/news/exploring-gender-justice-through-feminist-movement-malaysia*

IMPACT

The initiatives under SDG 5 reflect APU's ongoing engagement in conversations and programmes that promote gender awareness and women's empowerment.

Activities organised throughout the year have provided opportunities for students and academics to explore gender-related topics, participate in forums addressing women's leadership and digital participation, and engage with wider communities working towards inclusive development.

By encouraging participation in STEM, supporting leadership platforms, and facilitating academic dialogue on gender issues, APU continues to contribute to a learning environment that values inclusivity and equal opportunities.

Other Initiatives Supporting SDG 5

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Women Leadership / Confidence Development	APU Students Build Confidence and Clarity Through Personal Branding Workshop	*https://www.apu.edu.my/news/apu-students-build-confidence-and-clarity-through-personal-branding-workshop*
2		APU Clover Guide Club Inspires Future Leaders Through Empowering Installation Ceremony	*https://www.apu.edu.my/news/apu-clover-guide-club-inspires-future-leaders-through-empowering-installation-ceremony-and*
3	Women Entrepreneurship / Leadership Development	Breaking Barriers, Building Businesses	*https://www.apu.edu.my/news/breaking-barriers-building-businesses*

GOAL 6: CLEAN WATER AND SANITATION

Ensure Availability and Sustainable Management of Water and Sanitation for All

Research Output	5
Featured Stories	3

Ensuring sustainable access to clean water and responsible management of natural resources is an important aspect of sustainable development. Asia Pacific University of Technology & Innovation (APU) contributes to the advancement of SDG 6 (Clean Water and Sanitation) through educational programmes, industry engagement, and international research collaboration that promote water conservation, sustainable agriculture, and environmental awareness.

Through experiential learning activities, academic workshops, and partnerships with industry and global institutions, APU provides students and researchers with opportunities to explore real-world sustainability practices. These initiatives expose students to responsible water management, environmental protection, and innovative agricultural technologies that contribute to long-term water security and sustainable resource use.

By integrating sustainability themes into teaching, research, and community engagement, APU encourages students to understand the critical relationship between water resources, ecosystems, and human development.

1. STUDENTS EXPLORE SUSTAINABILITY PRACTICES AT SPRITZER ECOPARK

12 Feb 2025, 02:32 pm

Students from the School of Marketing & Management (SoMM) at Asia Pacific University of Technology & Innovation (APU) participated in an industry learning visit to Spritzer EcoPark in Taiping, Perak, gaining first-hand exposure to sustainable water management and environmentally responsible business practices.





The visit, held on 9 January 2025, was organised by Ms Harjinder Kaur, Senior Lecturer at APU's School of Marketing & Management, for undergraduate and postgraduate students specialising in Digital Marketing, Global Marketing Management, and International Business Communication.

During the programme, students were guided by Spritzer's Event & Promotions Executives, Ms Noraina Syafikah Mat Rejab and Ms Nur Syafiqah Ahmad Zaidi, who introduced participants to the company's sustainability initiatives and operations within the fast-moving consumer goods (FMCG) industry.

The session included a presentation and corporate briefing highlighting Spritzer's commitment to water conservation, responsible mineral water sourcing, eco-friendly packaging, energy efficiency, and carbon footprint reduction. Students also toured the facility to observe the bottling, labelling, packaging, and quality control processes, gaining insights into the role of automation and modern production technology in improving operational efficiency.

The visit provided students with practical exposure to how industry organisations integrate sustainability, environmental protection, and responsible water resource management into their operations, strengthening their understanding of sustainable business practices within the water and beverage sector.





Read more here: *https://www.apu.edu.my/news/students-explore-sustainability-practices-spritzer-ecopark*

2. SUSTAINABLE LEARNING JOURNEY AT FARM IN THE CITY *29 Aug 2025, 04:13 pm*

Students from the School of Marketing and Management (SoMM) at Asia Pacific University of Technology & Innovation (APU) participated in an educational sustainability visit to Farm In The City, Seri Kembangan, aimed at exploring environmentally responsible tourism practices and biodiversity conservation.

Students from the School of Marketing and Management (SoMM) at Asia Pacific University of Technology & Innovation (APU) participated in an educational sustainability visit to Farm In The City, Seri Kembangan, aimed at exploring environmentally responsible tourism practices and biodiversity conservation.





The learning visit, held on 26 June 2025, was organised and guided by Ms Harjinder Kaur, Senior Lecturer and Industry Advisory Panel (IAP) Coordinator at SoMM, APU, as part of experiential learning activities designed to connect academic knowledge with real-world sustainability practices.

The programme began with a guided tour led by Ms Nur Arinna Nazwa Mohamad Nazilabidin, representative from Farm In The City, who introduced students to the farm's biodiversity initiatives and eco-conscious animal care practices. Students observed how the farm integrates conservation awareness, responsible animal management, and environmental education within its eco-tourism operations.

During the visit, farm caretakers demonstrated how ethical animal care and biodiversity conservation are implemented in daily operations while maintaining safe and engaging interactions for visitors. The session highlighted how organisations can balance education, tourism experiences, and environmental responsibility.

The final segment of the visit encouraged students to reflect on how sustainability initiatives can be communicated through digital storytelling and marketing strategies. Through discussions and reflection activities, students explored how authentic sustainability practices can strengthen brand identity and influence environmentally responsible consumer behaviour.

The programme provided students with practical exposure to sustainability-focused operations while reinforcing the importance of environmental stewardship and responsible business practices in tourism and community engagement.

Read more here: *https://www.apu.edu.my/news/sustainable-learning-journey-farm-city*

3. APU HOSTS INTERNATIONAL WORKSHOP ON SMART AND SUSTAINABLE AGRICULTURE UNDER ERASMUS+ PROJECT *17 Dec 2025, 04:50 pm*



Asia Pacific University of Technology & Innovation (APU) hosted the International Workshop on Smart and Sustainable Agriculture (EUSAT APU 2025) on 12–13 November 2025, bringing together international academic partners, industry experts, and researchers to explore emerging technologies for sustainable agriculture.

The workshop was organised under the Agricultural Revitalisation in Higher Education Institutions (AGRHI) initiative, a project co-financed by the Erasmus+ Programme of the European Union. The programme was led by Ts Suresh Gobee (Senior Lecturer, School of Engineering and Head of the Asia Pacific Centre of Robotics Research, APCoRE) with support from Professor Ir EUR ING Dr Vinesh Thiruchelvam (Chief Innovation & Enterprise Officer, APU).



The event involved international partners including Vellore Institute of Technology, Anna University, COEP Technological University, Eastern University, University of Jaffna, University of West Attica, Middle East Technical University, Institute Maszyn Przepływowych PAN, Universiti Malaysia Pahang (UMP), and APU.

Industry partners such as City Farms, Alpha-Swift, ViTrox AgriTech, and JP Global Engineering conducted technical workshops on IoT-based monitoring, robotics, drone applications, and precision agriculture technologies aimed at improving agricultural productivity while optimising resource usage.

Participants also visited the Universiti Putra Malaysia (UPM) Smart Farm, where they observed practical applications of automated monitoring systems, soil sensors, and precision irrigation technologies used to support sustainable farming practices.

Read more here: *https://www.apu.edu.my/news/apu-hosted-international-workshop-smart-and-sustainable-agriculture-under-erasmus-grant*

IMPACT

APU's SDG 6 initiatives promote greater awareness of sustainable water and environmental resource management through industry engagement, research collaboration, and experiential learning.

Industry visits such as the Spritzer EcoPark programme provided students with exposure to responsible groundwater management and sustainable water production practices. The Erasmus+ AGRHI international workshop strengthened collaboration among universities and industry partners in exploring smart agriculture technologies that improve irrigation efficiency and optimise water usage.

Experiential learning activities at Farm in the City further reinforced students' understanding of environmental stewardship and the relationship between agriculture, ecosystems, and water sustainability.

Together, these initiatives help cultivate environmental awareness among students while encouraging sustainable approaches to water management and resource conservation.

Other Initiatives Supporting SDG 6

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Water Sustainability / Environmental Awareness	Students Explore Sustainability Practices at Spritzer Ecopark	*https://www.apu.edu.my/news/students-explore-sustainability-practices-spritzer-ecopark*
2	Sustainable Agriculture / Water Resource Education	APU Hosted International Workshop on Smart and Sustainable Agriculture Under Erasmus Grant	*https://www.apu.edu.my/news/apu-hosted-international-workshop-smart-and-sustainable-agriculture-under-erasmus-grant*
3	Environmental Sustainability Learning	Sustainable Learning Journey at Farm City	*https://www.apu.edu.my/news/sustainable-learning-journey-farm-city*

GOAL 7: AFFORDABLE AND CLEAN ENERGY

Ensure Access to Affordable, Reliable, Sustainable and Modern Energy For All

Research Output	5
Featured Stories	5

Access to reliable, affordable, and sustainable energy remains central to economic development and environmental stewardship. At Asia Pacific University of Technology & Innovation (APU), advancing clean energy knowledge is pursued through industry collaboration, applied engineering research, and practical learning experiences that connect students with real-world energy challenges.

The university actively engages with industry partners, professional organisations, and research networks to explore emerging technologies in renewable energy, energy efficiency, and sustainable resource management. These initiatives create opportunities for students and researchers to participate in projects that address pressing global energy issues while supporting innovation within the energy sector.

Through collaborative research with renewable energy companies, industry-led training workshops, and sustainability-focused industry exposure, APU strengthens its role in preparing future engineers, technologists, and business leaders capable of contributing to the transition towards cleaner and more efficient energy systems.

1. INNOVATION PARTNERSHIP FOR AUTONOMOUS SOLAR PANEL CLEANING

03 Feb 2025, 03:33 pm

Asia Pacific University of Technology & Innovation (APU), through its School of Engineering (SoE), secured a Collaborative Research in Engineering, Science, and Technology (CREST) Grant worth RM213,500 to develop innovative technology for improving solar energy systems.







The research project, titled "Development and Optimisation of an Autonomous Waterless Solar Panel Cleaning System Using Intelligent Robotics," is conducted in partnership with AmSolar Sdn. Bhd., led by Mr Weng Leong Skip Ng, Chief Executive Officer of AmSolar. The collaboration was formalised through a strategic partnership involving Assoc Prof Ir Dr Sivakumar Sivanesan, Head of APU's School of Engineering.

The research team is led by Ir Ts Dr Alexander Chee Hon Cheong, with members Dr Lian Wen Xun, Ir Eur Ing Ts Dr Lau Chee Yong, Ir Ts Dr Denesh Sooriamoorthy, and Assoc Prof Ir Dr Sivakumar Sivanesan.

The project focuses on developing an autonomous robotic system that cleans solar panels without water, improving solar panel efficiency while significantly reducing water consumption during maintenance.

By combining robotics, intelligent automation, and renewable energy technology, the collaboration aims to enhance solar power performance and support more sustainable and efficient renewable energy systems.

Read more here: *https://www.apu.edu.my/news/innovation-partnership-apu-and-amsolar-partner-revolutionise-solar-energy*

2. EMPOWERING FUTURE ENERGY LEADERS BY BRIDGING ACADEMIA AND INDUSTRY *19 Mar 2025, 11:30 am*

Asia Pacific University of Technology & Innovation (APU) collaborated with the Society of Petroleum Engineers (SPE) International to organise the Energy4me Training Workshop, aimed at strengthening students' understanding of global energy systems and sustainable energy practices.

The workshop was initiated and organised by Ir Eur Ing Ts Dr Harvin Kaur Gurchran Singh, Assistant Professor at APU's School of Engineering, and held on 21 February 2025 at the APU campus.



The programme was facilitated by Ms Lou Jean Rodriguez, Energy Education Manager for the Eastern Hemisphere at SPE International, who delivered interactive sessions on global energy trends, sustainable energy development, and the evolving role of digital technologies in the energy sector.

The workshop brought together 30 students from APU, including members of the SPE Student Chapter, along with industry professionals from the SPE Kuala Lumpur Section.

Through case studies, simulations, and discussions, students explored key topics such as energy security, energy sustainability, and emerging technologies in energy production, while gaining practical insights into real-world energy challenges and industry practices.

The initiative strengthened collaboration between APU and SPE International, while providing students with valuable exposure to global energy expertise and preparing them for future careers in the evolving energy industry.





Read more here: *https://www.apu.edu.my/news/empowering-future-energy-leaders-bridging-academia-and-industry*

3. INDUSTRY VISIT ON GREEN ENTREPRENEURSHIP AND CIRCULAR SUPPLY CHAINS *09 Sep 2025, 10:29 am*

Students from the School of Business (SoB) at Asia Pacific University of Technology & Innovation (APU) participated in an educational industry visit to APR Electronic Service Sdn Bhd, a Malaysian company specialising in IT asset management, refurbishment, repair, and e-waste recycling.



The visit, held on 6 August 2025, was organised by Ms Shailaja Kumar (Lecturer, Graduate School of Business) and Ms Cynthia Mala Paul Dorairaj (Lecturer, School of Business), involving 32 students from Foundation Studies, Diploma in Business, and Master of Business Administration (MBA) programmes specialising in Supply Chain Management.

During the visit, the group was hosted by Mr Danny Ng, Managing Director of APR Electronic Services, who shared insights on entrepreneurship, green technology, and environmentally responsible business models. Students also toured the facility to observe how retired IT devices are collected, refurbished, and remarketed through circular economy practices.



The session included a guest lecture on ESG-driven supply chain innovation, sustainable technology refurbishment, and e-waste management, demonstrating how businesses can integrate sustainability and resource efficiency into operations.

The visit provided students with practical exposure to green entrepreneurship and sustainable supply chain practices, highlighting how technological innovation and responsible resource management contribute to more sustainable economic systems.

Read more here: *https://www.apu.edu.my/news/apu-students-gain-first-hand-insights-green-entrepreneurship-and-supply-chain-innovation*

IMPACT

APU's SDG 7 initiatives strengthen education, research, and industry collaboration in advancing sustainable energy solutions.

Collaborative research with AmSolar Sdn. Bhd. has enabled the development of innovative solar energy maintenance technologies, while the Energy4me programme with the Society of Petroleum Engineers (SPE) International enhanced students' understanding of global energy systems and sustainability challenges.

Industry engagement activities, such as the visit to APR Electronic Service Sdn Bhd, further exposed students to environmentally responsible technology management and green supply chain practices.

Together, these initiatives equip students with practical knowledge, industry exposure, and technical skills required to contribute to the transition toward cleaner, more sustainable energy systems.

Other Initiatives Supporting SDG 7

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Environmental Sustainability Learning	Sustainable Learning Journey at Farm City	*https://www.apu.edu.my/news/sustainable-learning-journey-farm-city*
2	Innovation & Technology Achievement	APU's Team Pulse Technologies Clinches ASEAN Honour at Crown Prince CIPTA Award 2025	*https://www.apu.edu.my/news/apus-team-pulse-technologies-clinches-asean-honour-crown-prince-cipta-award-2025*
3	Energy Industry Learning / Future Energy Development	Empowering Future Energy Leaders: Bridging Academia and Industry	*https://www.apu.edu.my/news/empowering-future-energy-leaders-bridging-academia-and-industry*
4	Research Excellence / Engineering Innovation	APU SOE Researchers Secure Prestigious Best Paper Award at IEEE SCOReD 2024	*https://www.apu.edu.my/news/apu-soe-researchers-secure-prestigious-best-paper-award-ieee-scored-2024*
5	Clean Energy Innovation / Renewable Energy	Innovation Partnership: APU and AMSolar Partner to Revolutionise Solar Energy	*https://www.apu.edu.my/news/innovation-partnership-apu-and-amsolar-partner-revolutionise-solar-energy*

GOAL 8: DECENT WORK AND ECONOMIC GROWTH

Promote Sustained, Inclusive And Sustainable Economic Growth, Full and Productive Employment And Decent Work

Research Output	49
Featured Stories	10

Preparing graduates for the realities of the modern workforce requires more than academic knowledge as it demands exposure to industry environments, practical career guidance, and opportunities to understand how businesses operate in practice. At Asia Pacific University of Technology & Innovation (APU), initiatives supporting decent work and economic growth focus on connecting students with industry professionals, real workplace environments, and entrepreneurship-driven community engagement.

Through industry visits, career engagement programmes, and social entrepreneurship initiatives, APU provides students with opportunities to explore professional pathways, understand evolving workforce expectations, and develop skills that are relevant to emerging economic sectors. These activities also strengthen collaboration between academia, industry organisations, and community partners, creating learning experiences that extend beyond the classroom.

By exposing students to real-world professional environments and entrepreneurial initiatives, APU supports the development of graduates who are equipped to contribute to sustainable economic growth while promoting responsible and inclusive employment practices.

1. INNOVATION PARTNERSHIP FOR AUTONOMOUS SOLAR PANEL CLEANING

03 Feb 2025, 03:33 pm



Students from Asia Pacific University of Technology & Innovation (APU) participated in the Graduan Aspire Career Fair 2025, held at the Kuala Lumpur Convention Centre, gaining exposure to employment opportunities and industry expectations across multiple sectors.

The visit involved 35 APU students and was organised by Sustainability Future Fusion (SFF) under the guidance of Ms Cynthia Mala Paul Dorairaj, Lecturer at the School of Business and Advisor of SFF at APU.

The career fair brought together major industry organisations including Malaysia Airlines, Toyota, Maybank, CIMB, and U Mobile, providing students with opportunities to interact directly with recruiters and industry professionals.

During the event, students explored internship opportunities, graduate career pathways, and employer expectations while gaining insights into the skills and competencies required in the evolving job market.

The experience allowed students to build professional networks and better understand career opportunities across different industries, supporting their preparation for future employment and professional development.





Read more here: *https://www.apu.edu.my/news/exploring-careers-graduan-aspire-career-fair-2025*

2. INDUSTRY VISIT TO BDO MALAYSIA FOR CAREER EXPOSURE *04 Dec 2025, 05:45 pm*

Members of the Accounting and Finance Club (AFC) at Asia Pacific University of Technology & Innovation (APU) participated in an industrial visit to BDO Malaysia, providing students with insights into professional practices and career pathways in the accounting and advisory industry.

The visit, held on 23 October 2025, involved 31 students and was organised by the APU Accounting and Finance Club, accompanied by Mr Kannan Asokan, AFC Advisor.





During the programme, students attended a sharing session conducted by BDO managers and associates, who discussed their professional experiences, workplace culture, and career opportunities within the firm. Participants also toured BDO's office to observe its collaborative working environment and learn about the firm's services in areas such as audit, advisory, and risk management.

The session concluded with an interactive discussion where students engaged with BDO representatives, including Nayli Sharif and Wan Izreen Nurina, gaining guidance on internship opportunities and professional development within the accounting and finance sector.

The visit provided valuable industry exposure, helping students better understand career opportunities and professional expectations within the global accounting profession.

Read more here: *https://www.apu.edu.my/news/apu-students-explore-career-pathways-bdo-malaysia*

3. SOCIAL ENTREPRENEURSHIP INITIATIVE WITH AR-RIQAB COMMUNITY

09 Dec 2025, 02:25 pm

Students from the School of Business (SoB) at Asia Pacific University of Technology & Innovation (APU) participated in the Soap Project CSR Engagement Day, a community initiative focused on social entrepreneurship and sustainable livelihood development.



The programme, held on 25 October 2025, was organised through Sustainable Future Fusion (SFF) and led by Ms Cynthia Mala Paul Dorairaj, Lecturer at the School of Business, in collaboration with Yayasan Health on World (YHOW) and supported by Yayasan Sime Darby (YSD).

The initiative involved APU student volunteers and members of Persatuan Kebajikan Ar-Riqab Kuala Lumpur, a community organisation supporting marginalised groups including single mothers, youth, and individuals seeking social reintegration.

During the programme, participants engaged in hands-on activities including recycled soap-making, branding and marketing exercises, and creative workshops, designed to introduce basic entrepreneurial skills and sustainable product development. The project demonstrated how discarded materials can be transformed into marketable products while promoting environmentally responsible practices.

Students also contributed to a logo and tagline design competition for the Soap Project brand, with the winning design created by Dana Oakkar La, an APU Foundation student.

The initiative provided community participants with practical exposure to small-scale entrepreneurship while encouraging collaboration between students, community organisations, and industry partners to support inclusive economic opportunities.



Read more here: *https://www.apu.edu.my/news/transforming-lives-through-sdg-driven-social-entrepreneurship*

IMPACT

APU's SDG 8 initiatives create pathways for students to gain career exposure, industry insight, and entrepreneurial experience that support future employability.

Participation in the Graduan Aspire Career Fair 2025 enabled students to interact directly with major employers such as Malaysia Airlines, Toyota, Maybank, CIMB, and U Mobile, helping them better understand career opportunities and workforce expectations.

Industry engagement activities, including the Accounting and Finance Club visit to BDO Malaysia, provided students with first-hand exposure to professional practices in global accounting and advisory services, strengthening their understanding of career pathways within the financial sector.

Community-based initiatives such as the Soap Project CSR Engagement Day, conducted with Yayasan Health on World and Persatuan Kebajikan Ar-Riqab Kuala Lumpur, further demonstrated how entrepreneurship and skill-based training can support economic empowerment for underserved communities.

Together, these initiatives reinforce APU's role in nurturing graduates who are better prepared for professional careers while contributing to inclusive economic development and sustainable livelihoods.

Other Initiatives Supporting SDG 8

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Career Development / Industry Exposure	Unlocking Career Opportunities with JobStreet	*https://www.apu.edu.my/news/unlocking-career-opportunities-jobstreet*
2		APU Students Gain Real-world Supply Chain Insights During Industrial Visit to Logisteed Malaysia	*https://www.apu.edu.my/news/apu-students-gain-real-world-supply-chain-insights-during-industrial-visit-logisteed-malaysia*
3		Journey to Industrial Excellence at Top Glove	*https://www.apu.edu.my/news/journey-industrial-excellence-top-glove*
4	Entrepreneurship / Business Innovation	Future Entrepreneurs in Action	*https://www.apu.edu.my/news/future-entrepreneurs-action*
5	Financial Literacy / Economic Skills	Empowering Financial Futures	*https://www.apu.edu.my/news/empowering-financial-futures*
6		Money Talks	*https://www.apu.edu.my/news/money-talks*
7		Yew Choon Yuen Nabs First Place at Myduitstory 5.0 with Innovative Financial Literacy Video	*https://www.apu.edu.my/news/yew-choon-yuen-nabs-first-place-myduitstory-50-innovative-financial-literacy-video*

GOAL 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build Resilient Infrastructure, Promote Sustainable Industrialization and Foster Innovation

Research Output	64
Featured Stories	12

Technological innovation plays a vital role in shaping resilient industries and building the digital infrastructure required for modern economies. At Asia Pacific University of Technology & Innovation (APU), innovation is cultivated through a combination of hands-on competitions, research-driven engineering projects, and exposure to emerging technologies such as blockchain, artificial intelligence, and cyber security.

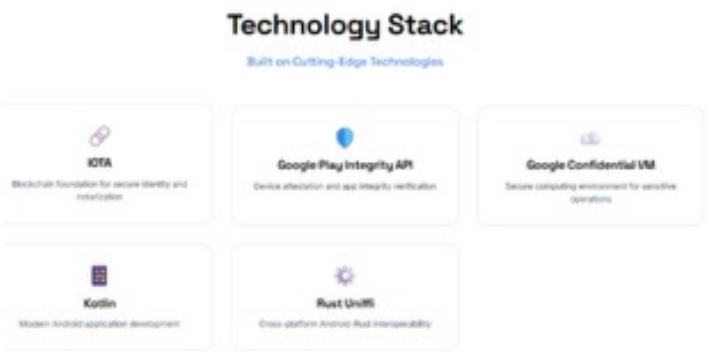
Students are encouraged to develop solutions that respond to real-world challenges, from strengthening digital trust and cyber resilience to improving accessibility and road safety through engineering design. Through mentorship from academic experts and participation in global technology competitions and innovation platforms, APU creates an environment where ideas can evolve into practical technological solutions.

These initiatives reflect the university's commitment to developing a new generation of innovators capable of contributing to technological advancement and industry transformation in an increasingly digital and interconnected world.

1. APU STUDENTS WIN FIRST PLACE AT IOTA HACKATHON MALAYSIA 2025

19 Nov 2025, 05:40 pm





A team of students from Asia Pacific University of Technology & Innovation (APU) achieved First Place at the IOTA Hackathon Malaysia 2025, securing the grand prize of USD 10,000 for developing an innovative blockchain-based solution.

The hackathon was organised by the IOTA Ecosystem DLT Foundation, bringing together regional developers, blockchain specialists, and Web3 innovators to build real-world digital solutions using IOTA technologies.

Representing APU under the team name "Warlocks," the winning team consisted of Teh Jun Heng, Sam Zhi Jian, Htet Aung Hlaing, Junaid Javed, and Chiw Jie Ren, who were mentored by Professor Ir Eur Ing Ts Dr Vinesh Thiruchelvam, Chief Innovation & Enterprise Officer at APU.

The team developed "YumeProof," a blockchain-based solution designed to verify the authenticity of digital images. The system integrates device authentication, secure cloud computing environments, and distributed ledger technologies, including IOTA Identity and IOTA Notarisation, to create tamper-evident records that verify whether digital media was captured by a trusted device.

By combining blockchain technology, secure device verification, and digital identity frameworks, the project demonstrates how emerging technologies can help address challenges such as misinformation, digital content manipulation, and verification of media authenticity.

The achievement highlights APU's role in developing talent capable of building innovative solutions in blockchain, Web3 technologies, and digital trust infrastructure.

Read more here: *https://www.apu.edu.my/news/apu-students-triumph-iota-hackathon-malaysia-2025*

2. APU STUDENTS SWEEP TOP THREE AT GLOBAL AWS CYBER SECURITY CHALLENGE 2025 *21 Nov 2025, 11:30 am*



Students from Asia Pacific University of Technology & Innovation (APU) achieved a remarkable milestone by securing first, second, and third place at the Global AWS Skills to Jobs Capture the Flag (CTF) Challenge 2025, a cybersecurity competition powered by the SANS Institute.

The global competition held 15–20 October 2025, attracted participants from multiple countries including Colombia, France, Germany, India, Malaysia, Singapore, Thailand, the United Kingdom, and the United States, and was conducted virtually through the ranges.io cybersecurity training platform.



Representing APU were Ong Zi Xuan, Teh Yu Xuan, and Tan Sin Hong, students from APU's Cyber Security programme, who successfully achieved a clean sweep of the top three positions in the competition.

The challenge tested participants through a series of progressively complex cybersecurity scenarios involving digital forensics, threat analysis, and system vulnerability identification, designed to simulate real-world cyber defence situations.

The students' achievement was supported by the guidance of Associate Professor Dr Thang Ka Fei, Head of the School of Technology (SoT), along with advisors from the Forensic and Cyber Security Research Centre – Student Section (FSEC-SS), Ms Nor Azlina Abd Rahman and Ms Noris Ismail.

The accomplishment highlights APU's commitment to developing advanced expertise in cyber security, digital infrastructure protection, and emerging technology innovation, preparing students to contribute to the rapidly evolving global digital ecosystem.



Read more here: *https://www.apu.edu.my/news/triple-win-apu-global-aws-cyber-security-challenge-2025*

3. DOUBLE GOLD FOR ENGINEERING INNOVATIONS AT MAGIEX 2025

10 Dec 2025, 05:40 pm



Students from Asia Pacific University of Technology & Innovation (APU) achieved double gold awards at the Malaysia Grand Invention Expo (MaGIEx) 2025, a national innovation showcase organised by DIGIT360, a Universiti Teknologi MARA startup, highlighting student-led technologies designed to address real-world challenges.

The first gold medal was awarded to CMORE, an assistive mobility innovation developed by Artificial Intelligence and Mechatronic Engineering students Leong Yu Hang and Quek Kia Hau, under the mentorship of Ir Ts Dr Reena Sri Selvarajan, Senior Lecturer at APU's School of Engineering. The system integrates LiDAR sensing, AI-based environmental analysis, and haptic feedback to provide 360-degree spatial awareness, helping visually impaired individuals navigate safely and independently.

The second gold-winning project, STEERX: AI Vision-Based Navigation for Safer Roads, was developed by Mechatronic Engineering students Ng Yan Hong, Pang Wei Meng, and Kevin Hoe Jian Vei, also mentored by Dr Reena Sri Selvarajan. The system uses AI-powered vision technology and multi-camera sensing to provide real-time lane detection and blind-spot monitoring, offering an affordable solution to enhance road safety for everyday vehicles.

Both innovations demonstrate how engineering and digital technologies can be applied to solve societal challenges, while reflecting APU's commitment to fostering student innovation supported by academic mentorship, including guidance from Assoc Prof Ir Dr Sivakumar Sivanesan, Head of the School of Engineering.

Read more here: *https://www.apu.edu.my/news/apu-students-strike-double-gold-magiex-2025-innovations-improve-everyday-lives*

IMPACT

APU's SDG 9 initiatives demonstrate the university's ability to nurture technological innovation and digital expertise among students.

Student participation in global competitions such as the IOTA Hackathon Malaysia 2025 resulted in the development of YumeProof, a blockchain-based solution designed to verify the authenticity of digital media and strengthen trust in online content. Similarly, the AWS Skills to Jobs Capture the Flag Challenge 2025, powered by the SANS Institute, saw APU cyber security students secure the top three positions globally, highlighting their capabilities in digital forensics, cyber defence, and system vulnerability analysis.

Innovation-driven engineering projects were further recognised at the Malaysia Grand Invention Expo (MaGIEx) 2025, where APU students received double gold awards for developing technologies that improve mobility for visually impaired individuals and enhance vehicle safety through AI-powered navigation systems.

Together, these achievements illustrate how student-led innovation, supported by academic mentorship and industry-relevant learning environments, contributes to technological advancement and strengthens the development of future-ready digital talent.

Other Initiatives Supporting SDG 8

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Technology Innovation / Student Competitions	APU Cybersecurity Teams Rise at iGOH 2025 with Dominant Capture-the-Flag Performance	*https://www.apu.edu.my/news/apu-cybersecurity-teams-rise-fore-igoh-2025-dominant-capture-flag-performance*
2		APU Students Shine at PPKOMP 2025	*https://www.apu.edu.my/news/apu-students-shine-ppkomp-2025*
3		APU's Ctrl+Chill Team Crowned Champion at Great Malaysia AI Hackathon 2025	*https://www.apu.edu.my/news/apus-ctrl-chill-team-crowned-champion-great-malaysia-ai-hackathon-2025*
4	Innovation / Technology Development	APU's HealthSync Secures Gold at VIC 2025	*https://www.apu.edu.my/news/apus-healthsync-secures-gold-vic-2025*
5		AI Reawakens Heritage: APU's Cenderawaubot Secures Gold at INDES 2025	*https://www.apu.edu.my/news/ai-reawakens-heritage-apus-cenderawaubot-secures-gold-indes-2025*
6		Tung Tung Sahur Team Strikes Gold at IVCCII 2025 with AI-driven Flood Solution	*https://www.apu.edu.my/news/tung-tung-sahur-team-strikes-gold-ivccii-2025-ai-driven-flood-solution*
7	Industry Partnerships / Technology Collaboration	APU Partners with AXEInnovation to Advance AI and Cybersecurity Technologies	*https://www.apu.edu.my/news/apu-partners-axeinnovation-advance-ai-cybersecurity-technologies-and-strengthen-industry*
8		Sapura Industrial Berhad and APU Forge Strategic Partnership to Advance EV, Hybrid and Smart Technologies	*https://www.apu.edu.my/news/sapura-industrial-berhad-and-apu-forge-strategic-partnership-advance-ev-hybrid-and-smart*
9		APU and ZEISS Collaborate to Shape the Future of Engineering Talent	*https://www.apu.edu.my/news/apu-and-zeiss-collaborate-shape-future-engineering-talent*

GOAL 10: REDUCED INEQUALITIES

Reduce Inequality Within And Among Countries

Research Output	22
Featured Stories	6

Reducing social inequalities requires sustained efforts to expand access, promote inclusion, and empower communities that face structural barriers. At Asia Pacific University of Technology & Innovation (APU), initiatives addressing inequality focus on combining technology innovation, community engagement, and social awareness to support individuals and communities that may otherwise be marginalised.

Students and academics are encouraged to apply their knowledge and skills to create solutions that improve accessibility, strengthen social support networks, and promote equal participation in society. Through innovation competitions, community outreach programmes, and collaborative international learning activities, APU provides platforms where students can engage directly with social challenges and develop meaningful responses.

These initiatives highlight the university's commitment to fostering inclusive innovation and encouraging students to become socially responsible graduates who recognise the importance of equity, diversity, and human dignity in building resilient communities.

1. COMMUNITY OUTREACH SUPPORTING REFUGEE LEARNING AND INCLUSION *27 Aug 2025, 11:29 am*

Students from the Women's Empowerment Club (APUWEC) at Asia Pacific University of Technology & Innovation (APU) organised a community outreach programme at the Ayaz Sewing Centre in Selayang, Selangor, aimed at supporting refugee communities through education and social engagement.









The initiative was conducted under the Driving Girls in Technology, Growth & Leadership (DIGITGAL) Student Chapter and was led by Rishita Gloria Rozario and Nuramisha Abdul Manaf (Student Project Managers) with guidance from Dr Meera Eeswaran, Advisor of APUWEC.

The programme brought together APU students, club members, and refugee families, creating opportunities for shared learning, cultural exchange, and community interaction. Educational sessions were conducted for refugee children, covering topics such as the importance of education and personal safety awareness.

The event also featured interactive activities, games, and skill-sharing sessions that encouraged collaboration between students and members of the refugee community. Ms Eshwin Kaur, Miss Supranational Malaysia 2025, attended the programme and delivered an inspirational talk encouraging children to pursue education and personal aspirations.

In addition to educational activities, the initiative provided donations worth approximately RM1,000, including sewing machines, clothing, toys, and books to support ongoing community activities at the centre.

The outreach programme strengthened community engagement and promoted greater understanding and inclusion between students and refugee communities, reflecting APU's commitment to supporting vulnerable groups and reducing social inequalities.

Read more here: *https://www.apu.edu.my/news/empowering-refugees-through-day-shared-learning-and-joy*

2. PSYCHOLOGY COMMUNITY ENGAGEMENT SUPPORTING REFUGEE WELL-BEING *13 Nov 2025, 11:10 am*



Students from the School of Psychology (SoP) at Asia Pacific University of Technology & Innovation (APU) participated in a community engagement visit to the refugee community supported by Elshaddai Centre Berhad, aimed at promoting social inclusion, empathy, and psychological well-being.

The initiative was conducted in collaboration with Universitas Ciputra as part of the Universitas Ciputra X APU International Competition 2025, bringing together 30 psychology students and four lecturers from both universities.

The visit was led by Mr Tan Wei Yu (Lecturer, SoP at APU) and supported by Mr Jaff Choong Gian Yong (Lecturer, SoP at APU). Students engaged with refugee learners from primary and secondary levels through group discussions, educational activities, and emotional awareness sessions, designed to build confidence and encourage self-expression.

Prior to the visit, a group of seven APU students organised a fundraising campaign to support single mothers under Elshaddai Centre Berhad's empowerment programme, raising funds through the sale of cookies and pastries prepared by the mothers.

During the visit, representatives from Elshaddai Centre Berhad shared insights into their work in providing education and psychological support for refugee communities, including counselling services aimed at fostering resilience and emotional well-being among refugee children.

The initiative provided students with practical exposure to community psychology while strengthening cross-cultural understanding and highlighting the role of psychological support in promoting social inclusion and community resilience.





Read more here: *https://www.apu.edu.my/news/apu-psychology-students-championing-refugee-well-being*

3. XR INNOVATION SUPPORTING ACCESSIBILITY FOR THE DEAF-MUTE COMMUNITY *10 Dec 2025, 10:45 am*



Competing under the team name MetaMorph, the team consisted of Cheon Zi Chen, Hendry Tam Chee Seng, Chin Guan Yu, Lee Zheng Wei, and Lim Chun Keat, students from the Bachelor of Interactive Media and Immersive Technology (Honours) programme specialising in VR/AR. The team was mentored by Ts Muhammad Nur Affendy Nor'a, Lecturer at the School of Computing (SoC), APU.

The competition was held from 24–26 October 2025 at Xsolla Curine Academy and co-organised by VORTEXR Club, KL ACM SIGGRAPH, and Taylor's University Agents of Tech, bringing together 13 university teams across Malaysia in a 48-hour innovation challenge.

The APU team developed HearMe2, an immersive extended reality prototype designed to support communication between the Deaf-mute community and the wider public. The system integrates computer vision and AI-based gesture recognition based on Bahasa Isyarat Malaysia (BIM) standards, enabling real-time translation of sign language into Malay, English, and Chinese, along with text-to-speech capabilities.

The innovation demonstrates how XR and artificial intelligence technologies can enhance accessibility, reduce communication barriers, and promote social inclusion for individuals with hearing and speech impairments.

The project was further selected for showcase at ACM SIGGRAPH Asia, providing the team with an international platform to present their accessibility-focused innovation to global researchers and industry experts.

Read more here: *https://www.apu.edu.my/news/apu-students-shine-xr-jam-2025-award-winning-xr-innovation-deaf-mute-community*

IMPACT

APU's SDG 10 initiatives demonstrate how technology, education, and community engagement can contribute to reducing social inequalities.

Innovations such as HearMe2, developed by APU students at XR JAM 2025, show how emerging technologies like extended reality and artificial intelligence can improve accessibility and communication for the Deaf-mute community.

Community-based programmes also strengthened support for vulnerable groups. Activities organised with Universitas Ciputra and Elshaddai Centre Berhad allowed psychology students to engage with refugee learners through educational and emotional awareness activities, while outreach efforts by the APU Women Empowerment Club at Ayaz Sewing Centre provided learning sessions, community interaction, and essential resources for refugee families.

Together, these initiatives highlight APU's role in promoting inclusion, empathy, and equal opportunities through innovation and student-led community engagement.

Other Initiatives Supporting SDG 10

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Refugee / Vulnerable Community Support	APU Students Gain Profound Insights into Refugee Journeys	*https://www.apu.edu.my/news/apu-students-gain-profound-insights-refugee-journeys-lecture*
2	Community Support / Social Inclusion	APU Students Brighten Pertubuhan Hati Emas Kansai with Community Initiative	*https://www.apu.edu.my/news/apu-students-brighten-pertubuhan-hati-emas-kansai-paint*
3		Spreading Kindness One Initiative at a Time	*https://www.apu.edu.my/news/spreading-kindness-one-initiative-time*

GOAL 11: SUSTAINABLE CITIES AND COMMUNITIES

Make Cities Inclusive, Safe, Resilient And Sustainable

Research Output	21
Featured Stories	7

Sustainable cities and communities depend not only on infrastructure and environmental protection, but also on social cohesion, cultural diversity, and community engagement. Universities play an important role in nurturing these values by creating opportunities for students to actively participate in environmental stewardship, cultural appreciation, and civic responsibility.

At Asia Pacific University of Technology & Innovation (APU), several initiatives were organised to encourage students to contribute to more inclusive, resilient, and sustainable communities. Activities such as environmental conservation programmes, tree planting initiatives, and large-scale multicultural celebrations enabled students to translate sustainability awareness into meaningful action. These initiatives were carried out through collaborations between student organisations, academic staff, community partners, and external organisations.

1. COASTAL CLEAN-UP INITIATIVE AT PANTAI KELANANG *05 Nov 2025, 11:45 am*

Students from Asia Pacific University of Technology & Innovation (APU) participated in a coastal conservation initiative at Pantai Kelanang, Selangor, aimed at promoting environmental awareness and responsible community stewardship.







The beach clean-up, held on 13 September 2025, was organised by Sustainability Future Fusion (SFF) in collaboration with the School of Business (SoB) at APU, under the guidance of Ms Cynthia Mala Paul Dorairaj, Lecturer and Advisor of SFF.

The programme was conducted in partnership with Soroptimist International Shah Alam (SISA), which supported the initiative through sponsorship and logistical assistance. Prior to the clean-up activity, participants attended an educational session delivered by Ms Lyvia Chong, Nature and Outdoor Educator, who highlighted the environmental impact of marine pollution and the importance of responsible waste management.

During the activity, students worked in teams to collect, sort, and document waste along the shoreline. A total of 51.3 kilograms of rubbish and recyclable materials was removed, including plastics, glass, aluminium cans, and discarded fishing equipment that pose risks to marine ecosystems.

The initiative provided students with practical experience in environmental conservation while reinforcing the importance of community participation in protecting coastal ecosystems and promoting sustainable urban and coastal environments.





Read more here: *https://www.apu.edu.my/news/apu-students-unite-cleaner-coast-and-greener-future*

2. ECO HEROES IN ACTION *01 Dec 2025, 01:00 pm*





Students from the Asia Pacific University of Technology & Innovation (APU) participated in a Corporate Social Responsibility (CSR) tree planting mission at the Free Tree Society (FTS) Nursery Plant, Kuala Lumpur, aimed at promoting environmental stewardship and sustainability awareness.

The initiative was organised by the APU Society of Petroleum Engineers Student Chapter (APU SPE SC) under the guidance of Ir Dr Wong Siew Fan, Senior Lecturer from the School of Engineering at APU. The programme was hosted by the Free Tree Society (FTS), with facilitation by Ms Lydia, Programme Manager, and Ms Emily, Programme Assistant.

During the programme, students were introduced to the ecological importance of tree planting and the role of native plants in sustaining local ecosystems. Participants then took part in guided activities across the nursery grounds, where they explored the environmental significance of various plant species and learned sustainable planting techniques.

The core activity involved students working in teams to plant trees while learning practical skills such as soil preparation, composting methods, irrigation practices, and the use of organic materials to improve soil health.

Through these hands-on activities, students gained valuable experience in translating sustainability concepts into real-world environmental action.

The mission strengthened students' understanding of environmental responsibility while reinforcing APU's commitment to sustainability and ESG-driven initiatives.

Read more here: *https://www.apu.edu.my/news/eco-heroes-action*

3. INTERNATIONAL CULTURAL NIGHT 2025 CELEBRATING GLOBAL DIVERSITY *09 Dec 2025, 05:15 pm*



The Asia Pacific University of Technology & Innovation (APU) hosted its annual International Cultural Night (ICN) 2025 on 6 December 2025, bringing together more than 7,000 students and guests representing over 130 countries in a large outdoor celebration of cultural diversity.

The event, themed "Cultural Chronicles," was organised by the APU Student Representative Council (SRC), coordinated by APU's Student Affairs Department, and supported by the Ministry of Higher Education. The programme welcomed representatives from various embassies and partner organisations, highlighting the international character of APU's academic community.

Throughout the evening, students showcased cultural performances, including traditional dances, musical presentations, and cross-cultural artistic displays representing numerous countries. In addition to stage performances, interactive cultural booths were organised by student groups, allowing visitors to explore traditional attire, cultural artefacts, games, and authentic food from different regions of the world.







International Cultural Night 2025 provided a vibrant platform for students to share their heritage while encouraging intercultural understanding and global appreciation. The event demonstrated APU's commitment to fostering an inclusive campus environment where diversity, cultural identity, and global citizenship are celebrated.







Read more here: *https://www.apu.edu.my/news/spectacular-journey-through-cultures-international-cultural-night-2025*

IMPACT

These initiatives strengthened environmental awareness and community engagement among students while promoting responsible citizenship. Through activities such as coastal clean-ups, tree planting, and multicultural events, participants gained practical exposure to sustainability practices, cultural exchange, and collective responsibility.

The programmes also reinforced partnerships between the university, community organisations, and international stakeholders, contributing to the development of inclusive and socially connected communities.

Other Initiatives Supporting SDG 10

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Community Engagement / Environmental Action	APU Students Lead Coastal Clean-up and Community Empowerment in Bagan Pinang	*https://www.apu.edu.my/news/apu-students-lead-coastal-clean-and-community-empowerment-bagan-pinang*
2	Cultural Sustainability / Heritage Appreciation	World Culture Diversity 2025: APU Dazzles with Global Cultural Flair	*https://www.apu.edu.my/news/world-culture-diversity-2025-apu-dazzles-global-cultural-flair*
3		Celebration of Light, Talent and Togetherness: APLC's Grand Deepavali Celebration 2025	*https://www.apu.edu.my/news/celebration-light-talent-and-togetherness-aplcs-grand-deepavali-celebration-2025*
4	Community Wellbeing Initiatives	Neon Run 2025: APU Lighting Lives with Purpose and Passion	*https://www.apu.edu.my/news/neon-run-2025-apu-lighting-lives-purpose-and-passion*

GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure Sustainable Consumption And Production Patterns

Research Output	54
Featured Stories	11

Responsible consumption and production are closely linked to how industries manage resources, optimise processes, and minimise environmental impact. Understanding these practices requires exposure beyond the classroom, particularly through direct engagement with industry operations and sustainability-driven organisations.

At the Asia Pacific University of Technology & Innovation (APU), students were exposed to diverse sustainability practices across multiple sectors through structured learning visits. These included engagements with Canon Opto, Beryl's Chocolate Museum (manufacturing and supply chain), and PJ Eco Recycling Plaza (waste management and circular economy).

Led by academic staff and supported by industry practitioners, these initiatives provided students with comparative insights into how sustainability is applied across production, branding, and resource management systems.

1. INDUSTRY VISIT TO CANON OPTO ON SUSTAINABLE MANUFACTURING AND INNOVATION *24 Mar 2025, 03:50 pm*

Students from the Asia Pacific University of Technology & Innovation (APU) participated in an industrial visit to Canon Opto, aimed at gaining insights into sustainable manufacturing practices and technological innovation in the optics industry.



The visit, held on 19 February 2025, was organised and led by Ms Harjinder Kaur, Senior Lecturer and IAP Coordinator from the School of Marketing & Management (SoMM).

During the programme, students were guided through multiple operational areas within Canon Opto. These included the water treatment plant, where students learned about wastewater management and recycling processes; the bin and waste management centre, which demonstrated waste sorting, recycling, and sustainable disposal practices; and the moulding and metal department, where advanced manufacturing techniques and automation systems were showcased.





Students were also introduced to the lens gallery, where they explored the applications of optical technologies across industries such as photography, medical imaging, and consumer electronics.

The visit highlighted Canon's integration of environmental responsibility, resource efficiency, and digitalised manufacturing systems within its operations. Through this exposure, students gained practical understanding of how sustainability and innovation are embedded in modern industrial practices, reinforcing the application of academic knowledge in real-world contexts.

Read more here: *https://www.apu.edu.my/news/apu-students-explore-innovation-and-sustainability-canon-opto*

2. INDUSTRY VISIT TO BERYL'S CHOCOLATE MUSEUM ON SUSTAINABLE PRODUCTION *19 Feb 2025, 03:10 pm*



Students from the Asia Pacific University of Technology & Innovation (APU) participated in an industrial visit to the Beryl's Chocolate Museum, aimed at gaining insights into sustainable production practices and ethical sourcing within the confectionery industry.

The visit involved postgraduate students from the School of Marketing & Management (SoMM), specialising in Digital Marketing, Global Marketing Management, Supply Chain Management, and International Business Communication. The programme was accompanied by Ms Harjinder Kaur, Senior Lecturer from SoMM.

The session was facilitated by Ms Masyitah Buyani, Senior Tour Coordinator at Beryl's, who guided students through the company's history, production processes, and sustainability practices.





During the visit, students were exposed to the full chocolate manufacturing process, from sourcing cocoa beans to final product packaging. Emphasis was placed on ethical sourcing, sustainability considerations, automation, and quality control in ensuring responsible and efficient production.

Students also participated in a session with Beryl's marketing team, where they explored branding strategies, consumer behaviour analysis, digital marketing approaches, and international market expansion.

The initiative provided practical exposure to how sustainable and ethical considerations are integrated into production and branding, strengthening students' understanding of responsible consumption and production in a real industry setting.

Read more here: *https://www.apu.edu.my/news/real-world-insights-sustainable-chocolate-production-beryls*

3. EDUCATIONAL VISIT TO PJ ECO RECYCLING PLAZA ON CIRCULAR ECONOMY PRACTICES *08 Aug 2025, 02:45 pm*

Students from the Asia Pacific University of Technology & Innovation (APU) participated in an educational visit to PJ Eco Recycling Plaza, aimed at enhancing understanding of waste management, circular economy practices, and environmental sustainability.







The visit, held on 24 June 2025, was led by Ms Harjinder Kaur, Senior Lecturer and IAP Coordinator from the School of Marketing & Management (SoMM). The programme was conducted in collaboration with Impactlution and Hara Makers, with facilitation by Ts Faisal Abdur Rani, Programme Director and Co-founder of Impactlution.

During the visit, students were introduced to community-driven environmental initiatives and the role of non-profit organisations in promoting sustainability awareness. Participants explored upcycling innovations, including the transformation of waste materials into functional products, as well as composting systems and eco-material development.

Students also gained hands-on exposure to waste sorting processes, including paper, plastics, e-waste, and used cooking oil, and learned how technology supports efficient recycling systems. The programme further highlighted the connection between land-based waste and water pollution, encouraging students to adopt sustainable practices based on the 5Rs (Reduce, Reuse, Recycle, Rethink, Reimagine).

The initiative provided practical insights into sustainable waste management and circular economy principles, reinforcing students' understanding of responsible consumption and environmental stewardship.

Read more here: *https://www.apu.edu.my/news/apu-students-gain-sustainability-insights-through-transformative-visit-pj-eco-recycling-plaza*

IMPACT

The initiatives supporting SDG 12 strengthened students' understanding of sustainability as an integrated system rather than isolated practices.

Students were able to evaluate how different industries approach resource efficiency, ethical sourcing, waste reduction, and process optimisation, enabling a more structured and critical perspective on responsible production.

This exposure also enhanced students' readiness to apply sustainability principles in professional contexts, particularly in areas related to business strategy, operations, and supply chain management.

Other Initiatives Supporting SDG 12

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Food Sustainability / Food Waste Reduction	APU Students Partner with The Lost Food Project to Tackle Food Waste	*https://www.apu.edu.my/news/apu-students-partner-lost-food-project-tackle-food-waste*
2	Sustainable Manufacturing / Industrial Practices	Exploring Brand Strategy Behind Vitagen Malaysia Milk	*https://www.apu.edu.my/news/exploring-brand-strategy-behind-vitagen-malaysia-milk*
3		Journey to Industrial Excellence at Top Glove	*https://www.apu.edu.my/news/journey-industrial-excellence-top-glove*
4		Bridging Accounting Knowledge with Real-world Food Manufacturing	*https://www.apu.edu.my/news/bridging-accounting-knowledge-real-world-food-manufacturing*
5		SOMM Students' Enlightening Journey at Ajinomoto's Smart Factory	*https://www.apu.edu.my/news/somm-students-enlightening-journey-ajinomotos-smart-factory*
6		Students Explore Sustainability Practices at Spritzer EcoPark	*https://www.apu.edu.my/news/students-explore-sustainability-practices-spritzer-ecopark*
7	Sustainable Consumption / Food Systems	Exploring Dairy Excellence at Farm Fresh UPM	*https://www.apu.edu.my/news/exploring-dairy-excellence-farm-fresh-upm*
8		APU Students Discover the Science of Probiotics at Yakult Malaysia	*https://www.apu.edu.my/news/apu-students-discover-science-probiotics-yakult-malaysia*

GOAL 13: CLIMATE ACTION

Take Urgent Action to Combat Climate Change and Its Impacts

Research Output	24
Featured Stories	9

Addressing climate change requires coordinated action across environmental practices, policy frameworks, and financial systems. Building this capability starts with developing awareness, practical skills, and strategic understanding among future professionals.

Students from the Asia Pacific University of Technology & Innovation (APU) were engaged in a range of climate-related learning experiences, including environmental field visits, sustainability programmes, and participation in regional policy dialogues. These initiatives involved collaborations with organisations such as the Free Tree Society (FTS), Sustainability Future Fusion (SFF), and participation in the ASEAN Climate Finance Summit 2025, supported by academic staff and institutional units.

Through these activities, students explored key areas such as climate action practices, environmental stewardship, sustainable lifestyles, and climate finance mechanisms, linking grassroots actions with broader policy and economic strategies.

1. EDUCATIONAL VISIT TO FREE TREE SOCIETY ON CLIMATE AND SUSTAINABILITY PRACTICES *08 Jul 2025, 02:57 pm*

Students from the Asia Pacific University of Technology & Innovation (APU) participated in an educational visit to the Free Tree Society (FTS) Nursery Plant, Kuala Lumpur, aimed at enhancing understanding of climate action and environmental sustainability.



The visit, held on 10 June 2025, was organised and led by Ms Harjinder Kaur, Senior Lecturer and IAP Coordinator from the School of Marketing & Management (SoMM). The programme was hosted by the Free Tree Society (FTS), with facilitation by Ms Lydia, Programme Manager, and Ms Emily, Programme Assistant.

During the programme, students were introduced to FTS's role as an environmental non-governmental organisation promoting sustainability through education and community engagement. Participants explored key sustainability concepts, including carbon footprint reduction, biodiversity conservation, and sustainable consumption practices.

Students also took part in a hands-on composting workshop, where they learned waste-to-resource conversion techniques,



and engaged in a planting session, gaining practical experience in plant care and the importance of urban green spaces.

The initiative provided students with practical exposure to climate-related actions and environmental stewardship, reinforcing the role of individual and organisational efforts in addressing sustainability challenges.



Read more here: *https://www.apu.edu.my/news/apu-students-cultivate-green-minds-free-tree-society*

2. "PAWS AND PLANTS" WORLD ENVIRONMENT DAY CELEBRATION PROMOTING SUSTAINABLE LIVING *07 Aug 2025, 04:32 pm*

Students and staff from the Asia Pacific University of Technology & Innovation (APU) participated in the "Paws and Plants" World Environment Day celebration, aimed at promoting environmental awareness, sustainable living, and community engagement.





The three-day event, held from 24 to 26 June 2025, was organised by Sustainability Future Fusion (SFF) under the guidance of Ms Cynthia Mala Paul Dorairaj, Lecturer and Advisor of SFF from the School of Business (SoB). The initiative was led by Khoo Lay Yang, President of SFF, and Chai Zhe Hee, Vice Secretary of SFF.

The programme featured a range of sustainability-focused activities, including plant showcases, eco-friendly product booths, terrarium-making and aquascaping workshops, and animal welfare awareness sessions.

Participants also engaged in interactive experiences such as pet therapy sessions and educational talks delivered by animal welfare groups.

The event was supported by multiple collaborators and partners, including Go Paws Fishery and Pet Centre, Aquaplant Culture International, Plant Society Malaysia, The Omni Lab, and Free Tree Society, alongside contributions from external participants.

The initiative encouraged participants to adopt environmentally responsible practices and highlighted the connection between sustainability, biodiversity, and community well-being, reinforcing the importance of collective action in addressing environmental challenges.





Read more here: *https://www.apu.edu.my/news/paws-and-plants-blooms-purpose-apus-world-environment-day-celebration*

3. PARTICIPATION IN ASEAN CLIMATE FINANCE SUMMIT 2025 ON SUSTAINABLE FINANCE *28 Aug 2025, 09:57 am*



Students from the Asia Pacific University of Technology & Innovation (APU) participated as youth delegates in the ASEAN Climate Finance Summit 2025, aimed at enhancing understanding of climate action through sustainable finance and policy engagement.





Students from the Asia Pacific University of Technology & Innovation (APU) participated as youth delegates in the ASEAN Climate Finance Summit 2025, aimed at enhancing understanding of climate action through sustainable finance and policy engagement.

The summit, held on 7 August 2025 at the Securities Commission Malaysia, involved 34 students from the Bachelor in Banking and Finance programme. The participation was coordinated by APU's Career Centre and the School of Accounting and Finance (SoAF), and led by Dr Muhammad Umar Islam (Senior Lecturer, SoAF) and Ms Shim Pui Sen (Lecturer, SoAF).

During the summit, students engaged with policymakers, industry leaders, and sustainability experts through keynote sessions, panel discussions, and interactive activities. Topics covered included environmental, social and governance (ESG) strategies, green financing mechanisms, climate mitigation and adaptation, and Malaysia's green capital market initiatives.

Students also participated in practical exercises such as the Interactive Climate Solution Activity, which reinforced their understanding of climate policies and real-world applications of sustainable finance.

The initiative provided students with direct exposure to regional climate strategies and financial frameworks, strengthening their awareness of the role of finance in addressing climate change and supporting sustainable development.

Read more here: *https://www.apu.edu.my/news/future-finance-leaders-apu-engage-asean-climate-dialogue*

IMPACT

The initiatives supporting SDG 13 provided students with a clearer and more applied understanding of climate action across multiple levels, from community-based practices to regional policy and financial frameworks.

By engaging in both hands-on environmental activities and high-level climate dialogues, students were able to connect practical sustainability efforts with broader climate strategies and economic considerations.

This exposure strengthened their ability to interpret climate-related challenges in real-world contexts and encouraged a more responsible and informed approach toward sustainability in their future roles.

Other Initiatives Supporting SDG 13

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Climate Action / Environmental Awareness	Eco Heroes in Action	*https://www.apu.edu.my/news/eco-heroes-action*
2		APU Students Unite for a Cleaner Coast and Greener Future	*https://www.apu.edu.my/news/apu-students-unite-cleaner-coast-and-greener-future*
3		Bridging Minds for a Greener Tomorrow	*https://www.apu.edu.my/news/bridging-minds-greener-tomorrow*
4		KTP Earth Day 2025 Empowers Young Learners Through Education and Sustainability	*https://www.apu.edu.my/news/ktp-earth-day-2025-empowers-young-learners-through-education-and-sustainability*
5	Climate Action / Environmental Advocacy	Empowering Future Advocates Through Environmental Issues Training with Greenpeace	*https://www.apu.edu.my/news/empowering-future-advocates-through-environmental-issues-training-greenpeace*
6	Climate Action / Sustainable Innovation	Tung Tung Sahur Team Strikes Gold at IVCCII 2025 with AI-driven Flood Solution	*https://www.apu.edu.my/news/tung-tung-sahur-team-strikes-gold-ivccii-2025-ai-driven-flood-solution*

GOAL 14: LIFE BELOW WATER

Conserve and Sustainably Use the Oceans, Seas and Marine Resources

Research Output	2
Featured Stories	5

Marine sustainability is increasingly shaped by both local stewardship and advanced technological innovation. Addressing challenges such as coastal pollution and resource management requires not only awareness, but also the ability to design effective and scalable solutions.

A range of initiatives involving students from the Asia Pacific University of Technology & Innovation (APU) reflected this dual approach. These included on-ground environmental activities as well as participation in international platforms focused on ocean-related innovation. Supported by academic mentors and external collaborators, students were exposed to real-world marine issues across both community and industry contexts.

1. COASTAL CLEAN-UP AND COMMUNITY ENGAGEMENT AT BAGAN PINANG

05 Dec 2025, 03:00 pm

Students from the Asia Pacific University of Technology & Innovation (APU) carried out a coastal clean-up and community engagement initiative at Bagan Pinang, Port Dickson, aimed at promoting marine conservation and environmental responsibility.



The programme was organised by the APU Society of Petroleum Engineers Student Chapter (APU SPE SC), involving approximately 30 students, under the guidance of Ir Dr Wong Siew Fan, Senior Lecturer from the School of Engineering at APU.

During the initiative, students conducted clean-up activities along the coastal area, focusing on removal of litter and debris, as well as proper waste sorting and disposal. These activities contributed to improving the local environment while raising awareness on the importance of protecting marine ecosystems.

The programme also emphasised community engagement and sustainable living practices, encouraging participants to reflect on how individual and collective actions contribute to environmental preservation.

The initiative provided students with practical exposure to marine conservation efforts, reinforcing the importance of responsible behaviour in safeguarding coastal and ocean ecosystems.







Read more here: *https://www.apu.edu.my/news/apu-students-lead-coastal-clean-and-community-empowerment-bagan-pinang*

2. OCEAN HACKATHON INTERNATIONAL WIN WITH AI SOLUTION FOR SUSTAINABLE AQUACULTURE *17 Dec 2025, 06:09 pm*

Team FeedRight from Asia Pacific University of Technology & Innovation (APU), in collaboration with Universiti Sains Malaysia (USM), achieved first place at the Ocean Hackathon International Grand Finale 2025 in Brest, France, with an innovative solution addressing sustainable aquaculture.



The competition was organised by Campus Mondial de la Mer, bringing together global teams to develop solutions for ocean-related challenges. The winning team, Team FeedRight, comprised students from APU and USM and was supported by academic mentors, including Ms T. Tulasi Sathyabama Appalasamy (Senior Lecturer, School of Computing at APU).

The team developed an AI-based system for real-time fish feeding optimisation, which analyses fish behaviour to prevent overfeeding and underfeeding. This approach supports efficient resource use and reduces environmental impact in aquaculture operations.

The project, originally developed as a Final Year Project at APU, demonstrates the application of advanced technologies such as artificial intelligence and deep learning in addressing marine and fisheries challenges.



The achievement highlights APU's contribution to sustainable ocean solutions and reinforces the role of innovation and cross-institutional collaboration in supporting marine conservation and responsible resource management.



Read more here: *https://www.apu.edu.my/news/apu-usms-feedright-wins-2025-international-ocean-hackathon-crown*

IMPACT

Participation in these initiatives broadened students' perspective on how marine conservation can be approached through multiple pathways. Direct involvement in environmental activities strengthened their sense of responsibility toward coastal ecosystems, while exposure to innovation-driven environments enhanced their problem-solving capabilities in addressing ocean-related challenges.

As a result, students developed a more balanced outlook that combines practical action with technological thinking, preparing them to contribute meaningfully to sustainable ocean management

Other Initiatives Supporting SDG 14

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Coastal & Marine Conservation	APU Students Lead Coastal Clean and Community Empowerment at Bagan Pinang	*https://www.apu.edu.my/news/apu-students-lead-coastal-clean-and-community-empowerment-bagan-pinang*
2	Coastal & Marine Conservation	APU Students Unite for a Cleaner Coast and Greener Future	*https://www.apu.edu.my/news/apu-students-unite-cleaner-coast-and-greener-future*
3	Marine Innovation / Ocean Sustainability	APU-USM's FeedRight Wins 2025 International Ocean Hackathon Crown	*https://www.apu.edu.my/news/apu-usms-feedright-wins-2025-international-ocean-hackathon-crown*
4	Marine Innovation / Ocean Sustainability	Team FeedRight Rides the Wave in France	*https://www.apu.edu.my/news/team-feedright-rides-wave-france*
5	Marine & Coastal Innovation (Flood / Water Systems)	Tung Tung Sahur Team Strikes Gold at IVCCII 2025 with AI-driven Flood Solution	*https://www.apu.edu.my/news/tung-tung-sahur-team-strikes-gold-ivccii-2025-ai-driven-flood-solution*

GOAL 15: LIFE ON LAND

Protecting and Restoring Terrestrial Ecosystems

Research Output	6
Featured Stories	13

The preservation of terrestrial ecosystems depends on a balanced relationship between human activities, biodiversity conservation, and sustainable land use. Education plays a critical role in shaping this relationship by providing opportunities for individuals to engage directly with natural environments and conservation efforts.

Learning experiences linked to Asia Pacific University of Technology & Innovation (APU) emphasised this connection through field-based exposure and volunteer-driven initiatives. Activities such as ecological visits and wildlife conservation programmes enabled participants to observe biodiversity systems in practice while understanding the role of conservation institutions and protected environments.

1. FIELD VISIT TO FRIM ON BIODIVERSITY AND SUSTAINABLE ECOTOURISM

04 Feb 2025, 10:30 am

A field-based learning visit to the Forest Research Institute of Malaysia (FRIM), Kepong was conducted as part of academic activities under the School of Global Hospitality and Tourism (SoGHT) at the Asia Pacific University of Technology & Innovation (APU), focusing on biodiversity conservation and sustainable tourism.



The programme was carried out under the 'Geography of Travel and Tourism' module, led by Mr Jawad Husny Saari @ Ash'ari, Lecturer at APU, with the objective of exploring the relationship between natural ecosystems and tourism development.

Throughout the visit, participants were introduced to FRIM's role as one of the world's largest man-made tropical rainforests, developed through long-term research and sustainable forest management. The programme included a guided museum



tour, highlighting FRIM's conservation efforts and research contributions, followed by a jungle trekking session that provided direct exposure to the area's diverse flora and fauna.

The experience enabled participants to observe ecosystem interactions and understand how conservation initiatives contribute to ecotourism. It also highlighted the importance of preserving natural environments as both ecological assets and sustainable tourism destinations.

The visit reinforced the integration of environmental conservation with tourism development, supporting a deeper understanding of biodiversity protection and sustainable land-based ecosystems.

Read more here: *https://www.apu.edu.my/news/apu-students-embarking-rainforest-adventure-frim*

2. WILDLIFE CONSERVATION VOLUNTEER PROGRAMME AT ZOO NEGARA 04 17

Dec 2025, 10:15 am

A dedicated team of student volunteers from the Asia Pacific University of Technology & Innovation (APU) participated in the "Keeperku" programme at Zoo Negara, Malaysia, as part of an ongoing initiative focused on wildlife conservation and community engagement.



The programme, held on 1 November 2025, is part of a long-standing collaboration between APU and Zoo Negara, with student involvement in conservation activities since 2017. The initiative also received support from relevant stakeholders, including programmes aligned with the Ministry of Youth and Sports.

During the programme, participants worked alongside zookeepers, contributing to daily operations such as cleaning animal enclosures, preparing food, and supporting animal care activities. These hands-on responsibilities provided practical exposure to wildlife management and conservation practices.

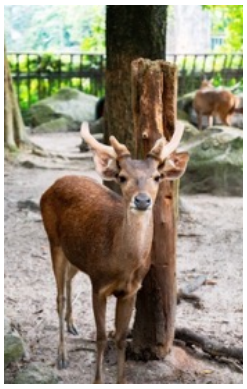
In addition to operational tasks, participants were involved in educational and engagement activities, supporting Zoo Negara's efforts to raise public awareness on biodiversity and animal welfare.

The programme highlighted the importance of sustained volunteerism in conservation efforts, while fostering values such as empathy, responsibility, and teamwork. It also reinforced the role of experiential learning in developing awareness of biodiversity protection and sustainable land-based ecosystems.









Read more here: *https://www.apu.edu.my/news/apu-students-strengthen-character-and-community-through-wildlife-conservation-zoo-negara*

IMPACT

These initiatives contributed to a deeper appreciation of biodiversity and the importance of protecting natural habitats.

By engaging with real environments and conservation activities, participants developed a stronger sense of responsibility towards land-based ecosystems, alongside practical awareness of how conservation efforts are implemented.

The experiences also supported the development of values such as environmental stewardship and community responsibility, encouraging continued involvement in sustainability-related initiatives.

Other Initiatives Supporting SDG 15

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Ecosystem Conservation (Coastal + Land Interface)	APU Students Lead Coastal Clean and Community Empowerment at Bagan Pinang	*https://www.apu.edu.my/news/apu-students-lead-coastal-clean-and-community-empowerment-bagan-pinang*
2		APU Students Unite for a Cleaner Coast and Greener Future	*https://www.apu.edu.my/news/apu-students-unite-cleaner-coast-and-greener-future*
3	Biodiversity Awareness / Environmental Education	Eco Heroes in Action	*https://www.apu.edu.my/news/eco-heroes-action*
4		Paws and Plants: World Environment Day Celebration	*https://www.apu.edu.my/news/paws-and-plants-blooms-purpose-apus-world-environment-day-celebration*
5	Tree Planting / Green Ecosystems	APU Students Cultivate Green Minds with Free Tree Society	*https://www.apu.edu.my/news/apu-students-cultivate-green-minds-free-tree-society*
6	Sustainability Education / Biodiversity Awareness	KTP Earth Day 2025 – Sustainability & Environment Education	*https://www.apu.edu.my/news/ktp-earth-day-2025-empowers-young-learners-through-education-and-sustainability*
7	Environmental Awareness / Sustainability Mindset	Bridging Minds for a Greener Tomorrow	*https://www.apu.edu.my/news/bridging-minds-greener-tomorrow*
8	Sustainable Agriculture / Land Use	Exploring New Frontier in Agriculture	*https://www.apu.edu.my/news/exploring-new-frontier-agriculture*
9	Sustainable Agriculture / Education	APU Hosted Smart & Sustainable Agriculture Workshop	*https://www.apu.edu.my/news/apu-hosted-international-workshop-smart-and-sustainable-agriculture-under-erasmus-grant*
10	Agro-ecosystem Learning	Sustainable Learning Journey at Farm City	*https://www.apu.edu.my/news/sustainable-learning-journey-farm-city*
11	Sustainable Supply Chain / Land Resources	ESG & Sustainable Farming via Blockchain (APU Finance Students)	*https://www.apu.edu.my/news/apu-banking-finance-students-explore-esg-innovation-through-blockchain-and-sustainable-farming*

GOAL 16: PEACE, JUSTICE, AND STRONG INSTITUTIONS

Promote Peaceful and Inclusive Societies for Sustainable Development

Research Output	18
Featured Stories	17

Strong institutions and just societies are built through awareness, ethical values, and active engagement with governance systems. Developing this foundation requires exposure not only to legal frameworks, but also to real-world practices in accountability, integrity, and policy-making.

A series of initiatives associated with the Asia Pacific University of Technology & Innovation (APU) reflected these principles through engagements in judicial learning, anti-corruption programmes, and national-level policy discussions. These initiatives involved collaboration with institutions such as the Federal Court of Malaysia, the Malaysian Anti-Corruption Commission (MACC), and parliamentary platforms, with participation from academic staff, student organisations, and external stakeholders.

1. EDUCATIONAL VISIT TO FEDERAL COURT ON JUDICIAL PROCESSES AND FINANCIAL CRIME *13 May 2025, 05:10 pm*





An educational visit to the Federal Court of Malaysia, Putrajaya was conducted involving members of the Accounting and Finance Club (AFC) at the Asia Pacific University of Technology & Innovation (APU), aimed at strengthening understanding of the Malaysian judicial system.

The programme, held at the end of April 2025, involved 39 students and was accompanied by Mr Kannan Asokan, AFC Advisor. The visit was organised as part of the club's initiative to provide practical exposure for students, particularly those specialising in forensic accounting.

During the visit, participants toured the Federal Court complex, including its museum and library, gaining insights into the history and institutional role of Malaysia's judiciary. The programme also included interactive sessions with court officers, where students explored legal procedures related to financial and white-collar crime cases.

The initiative provided direct exposure to courtroom processes and the application of legal frameworks in handling financial investigations. It reinforced the importance of understanding judicial procedures and highlighted the role of courts in ensuring accountability, justice, and the rule of law.

The experience supported the development of students' awareness of legal systems and governance structures, preparing them for future roles in fields related to finance, law, and forensic investigation.

Read more here: *https://www.apu.edu.my/news/inside-federal-court-eye-opening-trip-afc-students*

2. AMAR ANTI-CORRUPTION PROGRAMME PROMOTING INTEGRITY AND GOOD GOVERNANCE *30 Jun 2025, 11:16 am*



A multi-institutional anti-corruption programme, AMAR IPT Talk Programme 2025, was held at Universiti Putra Malaysia (UPM), bringing together student chapters from six higher education institutions, including the Asia Pacific University of Technology & Innovation (APU).

The programme involved approximately 180 students and lecturers, with participation from UPM (host), Universiti Kebangsaan Malaysia (UKM), Universiti Islam Selangor (UIS), Saito University College, Newton International University College, and APU. APU's delegation was accompanied by Ms Hashanna Abdul Halim (Assistant Manager, Student Affairs) and Ms Nurul Farhanah Mohd. Nasir (Lecturer, School of General Studies).

The event featured a series of knowledge-sharing sessions delivered by representatives from the Malaysian Anti-Corruption Commission (MACC) and industry practitioners. These sessions covered topics such as anti-corruption frameworks, investigation procedures, ethical conduct, and personal integrity in professional environments.

A forum session involving Datuk Razim Mohd. Noor (Deputy President, Malaysian Anti-Corruption Organisation – PAKAR) and Mr Gurpardeep Singh (Chief Operating Officer, APU) further explored the role of youth in shaping a transparent and accountable society.

The programme provided participants with practical insights into governance, accountability, and ethical decision-making, reinforcing the importance of integrity in both academic and professional contexts.





Read more here: *https://www.apu.edu.my/news/amar-anti-corruption-2025-six-institutions-one-fight*

3. PARLIAMENTARY ENGAGEMENT ON ANTI-BULLYING POLICY AND SOCIAL PROTECTION *18 Sep 2025, 02:56 pm*



A policy-focused town hall on anti-bullying strategies was held under the Parliamentary Special Select Committee on Women, Children and Community Development, bringing together policymakers, community leaders, and subject-matter experts to address rising social concerns.



The session featured Ms Zaliha Idris, Lecturer in Crisis Management and Communications from the School of Marketing and Management (SoMM) at the Asia Pacific University of Technology & Innovation (APU), who presented a comprehensive proposal titled *"Combating Bullying in Schools and Communities."*

Her proposal outlined a multi-layered framework, including the establishment of district-level anti-bullying taskforces, implementation of a Crisis SOP 1:3:7 (reporting, investigation, and action timeline), and the creation of a National Anti-Bullying Observatory (NABO) to support data-driven policymaking. Additional measures included digital counter-narrative initiatives and mobile psychosocial intervention units to provide immediate support for affected individuals.

The town hall also involved contributions from government representatives, including the Speaker of the Dewan Rakyat, alongside Members of Parliament and civil society groups, reinforcing the importance of collective responsibility in addressing bullying.

The initiative highlighted the role of academic expertise in shaping national dialogue and policy development, while emphasising the importance of governance, accountability, and social protection in building safer and more inclusive communities.

Read more here: *https://www.apu.edu.my/news/apu-expert-proposes-anti-bullying-solutions-parliament*

IMPACT

The initiatives supporting SDG 16 enhanced participants' understanding of governance, legal systems, and ethical responsibility within both public and professional contexts.

Through exposure to judicial processes, anti-corruption practices, and policy formulation, participants developed a stronger awareness of accountability and integrity as core elements of societal development.

These experiences also encouraged critical thinking and responsible decision-making, supporting the development of individuals who are better prepared to contribute to transparent, fair, and inclusive institutions.

Other Initiatives Supporting SDG 16

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Governance / National Policy	APU Academician Contributes to National Cybercrime Action Plan Seminar	*https://www.apu.edu.my/news/apu-academician-contributes-national-cybercrime-action-plan-seminar*
2	Public Safety / Cybersecurity Governance	APU Sets National Benchmark as First University Licensed to Deliver Cybersecurity Service	*https://www.apu.edu.my/news/apu-sets-national-benchmark-malaysias-first-university-licensed-deliver-cybersecurity-service*
3	Peacebuilding / Social Cohesion	Shaping Tomorrow's Peacebuilders	*https://www.apu.edu.my/news/shaping-tomorrows-peacebuilders*
4	Peacebuilding / Youth Leadership	Empowering Next Generation Peacebuilders	*https://www.apu.edu.my/news/empowering-next-generation-peacebuilders*
5	Social Justice / Advocacy	APU Students Lead the Charge Against Bullying	*https://www.apu.edu.my/news/standing-speaking-out-apu-students-lead-charge-against-bullying*
6	Law / Crime Awareness	Crime and Law Awareness Session	*https://www.apu.edu.my/news/apus-enlightening-session-crime-and-law*
7	Governance / Digital Society	APU Secures Prestigious MCMC Digital Society Research Grant	*https://www.apu.edu.my/news/apu-celebrates-historic-breakthrough-prestigious-mcmc-digital-society-research-grant*
8	Human Rights / Social Justice	Guest Lecture on Refugee Realities and Resilience	*https://www.apu.edu.my/news/guest-lecture-highlights-refugee-realities-and-resilience*
9	Institutional Governance / Quality Assurance	APU Reaffirms Leadership in Quality Assurance (ISO Certification	*https://www.apu.edu.my/news/apu-reaffirms-national-leadership-quality-assurance-prestigious-iso-210012018-certification*
10	Leadership / Institutional Capacity	APU CMI Leadership, Innovation and Transformation Initiative	*https://www.apu.edu.my/news/apu-cmi-leading-way-leadership-innovation-and-transformation*
11	Ethical Leadership / Governance	Building Compassionate Leaders of Tomorrow	*https://www.apu.edu.my/news/building-compassionate-leaders-tomorrow*
12	Global Governance / Policy Dialogue	APU Represents Malaysia in Regional TVET Policy Dialogue	*https://www.apu.edu.my/news/apu-represents-malaysia-regional-consultative-meeting-blended-learning-tvet*
13	Digital Inclusion / Governance	Bridging the Digital Divide	*https://www.apu.edu.my/news/bridging-digital-divide*
14	Governance / Leadership Forum	Human-Centric Digital Leadership at MCMC Forum	*https://www.apu.edu.my/news/apu-deputy-vice-chancellor-champions-human-centric-digital-leadership-mcmc-all-star-forum*

GOAL 17: PARTNERSHIPS FOR THE GOALS

Strenghten Global Partnerships for Sustainable Development

Research Output	71
Featured Stories	21

Collaborative networks spanning industry, academia, and international institutions are central to advancing innovation, education, and sustainable development. The Asia Pacific University of Technology & Innovation (APU) demonstrates this through a wide spectrum of partnerships, including collaborations with global universities, technology firms, and industry leaders in areas such as artificial intelligence, cybersecurity, engineering, renewable energy, and hospitality. These engagements encompass joint research, academic exchanges, dual-degree programmes, and industry-integrated learning initiatives, reflecting a comprehensive approach to cross-sector and cross-border collaboration.

These initiatives also reflect APU's commitment to building long-term, mutually beneficial relationships that extend beyond academic outcomes. By fostering continuous engagement with diverse stakeholders, the university strengthens its role as a connector between knowledge creation, industry application, and global development agendas.

1. ADVANCING ENGINEERING EDUCATION THROUGH STRATEGIC PARTNERSHIP WITH ZEISS *04 Apr 2025, 10:25 am*



An industry-driven academic engagement was conducted at the Asia Pacific University of Technology & Innovation (APU) through the ZEISS Academic Programme (SEA 2024), connecting engineering students with global industry expertise in optics and metrology.

The session involved key industry representatives including Mr Yeap Wei Leeng, Sales and Marketing Manager at ZEISS, and Mr Nazreen Naim, Application Engineer at ZEISS, alongside Ir Ts Subhashini Gopal Krishnan, Senior Lecturer from APU's School of Engineering (SoE), who coordinated the programme.





The collaboration between APU and ZEISS, a leading German technology enterprise, reflects a long-term effort to integrate industry knowledge into higher education. This includes the incorporation of ZEISS metrology content into the Engineering Design module, supported by academic staff who are certified as ZEISS Metrology Trainers.

The engagement introduced structured internship opportunities and provided practical insights into industry expectations, enabling students to gain hands-on exposure and better understand real-world engineering applications. Participation from students across multiple engineering disciplines further strengthened knowledge exchange and professional interaction.

Read more here: *https://www.apu.edu.my/news/apu-and-zeiss-collaborate-shape-future-engineering-talent*

2. INTERNATIONAL ACADEMIC PARTNERSHIP WITH HTMI SWITZERLAND FOR HOSPITALITY EXCELLENCE *08 Sep 2025, 10:08 am*



A strategic collaboration between the Asia Pacific University of Technology & Innovation (APU) and HTMi Switzerland was formalised through the launch of the APU–HTMi Switzerland Kuala Lumpur Centre, marking a significant milestone in international academic partnership within the hospitality and tourism sector.

The initiative was led by key representatives including Professor Dr Ho Chin Kuan, Vice-Chancellor of APU; Mr Ian RJ Larmour, Chief Executive Officer of HTMi Switzerland; Mr Vinoth Prakas, Vice President of Global Partnerships (HTMi); Mr Charles Hains, Vice President of Global Academics (HTMi); and Professor Dr Kashif Hussain, Senior Head of School of Global Hospitality and Tourism (SoGHT) and School of Business (SoB) at APU.

This collaboration integrates Swiss hospitality expertise with Malaysian educational innovation, delivering a dual-award programme across selected diploma and degree pathways. Students benefit from a curriculum that combines academic theory with practical industry exposure, supported by global standards and immersive learning experiences.

The partnership also introduces international mobility opportunities, including a structured study visit to Switzerland, enabling students to gain first-hand exposure to global hospitality practices and cultural perspectives.

By aligning institutional strengths and industry relevance, the collaboration enhances graduate competitiveness, expands global learning pathways, and strengthens cross-border knowledge exchange. It further demonstrates how international partnerships can elevate programme quality, foster global competencies, and contribute to the development of a highly skilled workforce within the hospitality and tourism industry.

Read more here: *https://www.apu.edu.my/news/apu-partners-htmi-switzerland-blend-swiss-excellence-malaysian-innovation*

3. STRATEGIC INDUSTRY PARTNERSHIP WITH SAPURA INDUSTRIAL BERHAD FOR EV AND SMART MANUFACTURING TALENT DEVELOPMENT

23 Sep 2025, 02:42 pm





A Memorandum of Understanding (MoU) between the Asia Pacific University of Technology & Innovation (APU) and Sapura Industrial Berhad (SIB) was formalised to advance collaboration in Electric and Hybrid Vehicle (EV/Hybrid) technologies and smart manufacturing, supporting Malaysia's transition towards a technology-driven economy.

The agreement was signed by Puan Sri Datin Seri Mariam Parineh, Executive Vice Chairman of SIB, and Professor Dr Ho Chin Kuan, Vice-Chancellor of APU, and witnessed by Tan Sri Datuk Seri Ir. Shamsuddin Abdul Kadir, Founder and Advisor of SIB, and Datuk Parmjit Singh, Chief Executive Officer of APU, reflecting strong leadership commitment from both institutions.

The partnership focuses on integrating industry-relevant training into academic programmes, including the establishment of a dedicated EV/Hybrid training laboratory, incorporation of certification modules, and co-development of upskilling initiatives for both students and industry professionals. Through collaboration with MILI EV Hybrid, students gain direct exposure to real-world automotive systems and sustainable technologies.





In addition, the initiative introduces practical engagement with smart manufacturing through SIB's Industrial Internet of Things (IIoT) system, enabling students to explore real-time data analytics, performance optimisation, and digital factory operations via site visits and applied learning modules.

This collaboration highlights how strong institutional and industry leadership, combined with technical expertise, can drive talent development, innovation, and industry alignment. It demonstrates the critical role of industry-academia partnerships in enhancing workforce readiness, supporting sustainable technological advancement, and building a future-ready talent pipeline aligned with national development priorities.

Read more here: *https://www.apu.edu.my/news/sapura-industrial-berhad-and-apu-forge-strategic-partnership-advance-ev-hybrid-and-smart*

IMPACT

These partnerships collectively enhance knowledge exchange, strengthen research capacity, and expand global learning opportunities for students and staff. By aligning academic programmes with industry needs and fostering international collaboration, APU contributes to the development of globally competent graduates and innovation-driven solutions. More broadly, such initiatives support talent development, technological advancement, and institutional growth, reinforcing the role of strategic partnerships in driving long-term socio-economic and educational impact.

Other Initiatives Supporting SDG 17

No	Theme / Initiative Area	News Title	URL of Event Report / Publicised Article
1	Industry Partnership / Technology Collaboration	APU Partners with AXEInnovation to Advance AI & Cybersecurity	*https://www.apu.edu.my/news/apu-partners-axeinnovation-advance-ai-cybersecurity-technologies-and-strengthen-industry*
2	Academic Partnership / International Collaboration	APU Strengthens Global Engineering Links with National Chung Cheng University (Taiwan)	*https://www.apu.edu.my/news/apu-strengthens-global-engineering-links-taiwans-national-chung-cheng-university*
3	Academic Partnership / Global Exchange	APU and DMU Global Psychology Exchange	*https://www.apu.edu.my/news/apu-and-dmu-global-psychology-exchange-strengthens-academic-and-cultural-bonds*
4	Academic Partnership / Research Collaboration	APU and DUT Forge Global Research Ties	*https://www.apu.edu.my/news/apu-and-dut-forge-global-research-ties*
5	Academic Partnership / Faculty Exchange	APU Strengthens Global Ties Through Faculty Exchange	*https://www.apu.edu.my/news/apu-strengthens-global-ties-through-faculty-exchange*
6	Global Collaboration / Education	Bridging Borders Through Education	*https://www.apu.edu.my/news/bridging-borders-through-education*
7	Industry Collaboration / Talent Development	APU and UEM Edgenta Partnership for Future Talent Development	*https://www.apu.edu.my/news/apu-and-uem-edgenta-forge-strategic-partnership-drive-future-ready-talent-malaysias*
8	Industry Collaboration / Cybersecurity	APU and ArmourZero Cybersecurity Partnership	*https://www.apu.edu.my/news/apu-and-armourzero-forge-cyber-security-partnership*
9	Academic-Industry Collaboration	APU & AMSolar Partnership for Solar Energy Innovation	*https://www.apu.edu.my/news/innovation-partnership-apu-and-amsolar-partner-revolutionise-solar-energy*
10	Academic Partnership / International Programme	APU and HTMi Switzerland Collaboration	*https://www.apu.edu.my/news/apu-partners-htmi-switzerland-blend-swiss-excellence-malaysian-innovation*
11	Academic Partnership / Global Institution	APU and Universitas Ciputra Partnership	*https://www.apu.edu.my/news/apu-and-universitas-ciputra-forge-partnership-psychology*
12	Academic Partnership / China Collaboration	APU and GUT Launch Transnational Tech College	*https://www.apu.edu.my/news/apu-and-gut-launch-transnational-tech-college-guilin*
13	Academic Collaboration / Education Exchange	China SUST Students Cross-border Programme at APU	*https://www.apu.edu.my/news/chinas-sust-students-embark-cross-border-study-programme-apu*
14	Knowledge Exchange / Global Conference	ICET 2025 Strategic Knowledge Exchange	*https://www.apu.edu.my/news/apu-strengthens-its-global-academic-footprint-through-strategic-knowledge-exchange-icet-2025*
15	Global Dialogue / Policy Engagement	Regional Consultative Meeting (TVET / UNESCO context)	*https://www.apu.edu.my/news/apu-represents-malaysia-regional-consultative-meeting-blended-learning-tvet*
16	Research Collaboration / Funding	APU Strengthens Research Leadership with MOHE, MCMC & Global Industry	*https://www.apu.edu.my/news/apu-strengthens-national-research-leadership-prestigious-grants-mohe-mcmc-and-global-industry*
17	Innovation Ecosystem / Collaboration	DisruptInvest Summit 2025 – Innovation Collaboration Platform	*https://www.apu.edu.my/news/disruptinvest-summit-2025-catalyst-malaysian-innovation*
18	Global Innovation / Collaboration	ASEAN AI Malaysia Summit 2025	*https://www.apu.edu.my/news/apu-champions-applied-ai-innovation-asean-ai-malaysia-summit-2025*
19	Academic-Industry Engagement	Bridging Academia and Industry (Various engagements)	*https://www.apu.edu.my/news/bridging-academia-and-industry*


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