Inspiring you towards innovation & ambitions

It starts now........... It starts here

DEGREE PROGRAMMES

- Bachelor of Engineering in Electrical & Electronic Engineering with Honours
- Bachelor of Engineering in Telecommunication Engineering with Honours
- Bachelor of Engineering in Mechatronic Engineering with Honours
- Bachelor of Computer Engineering with Honours
- Bachelor of Petroleum Engineering with Honours

APIIT RATED 5-STARS (EXCELLENT) RATING

APIIT rated 5-Stars (EXCELLENT) in MyQuest 2016/17.

APU AWARDED 5-STAR (EXCELLENT) RATING

APU was announced as among the Highest Rated Emerging Universities in Malaysia, being rated at 5-STAR (EXCELLENT) Rating under the SETARA 2017 Ratings by the Ministry of Education (MoE). APU has maintained this Excellent Rating in the SETARA 2011, 2013 as well as in the latest ratings announced in 2017. The SETARA ratings system measures the performance of teaching and learning in universities in Malaysia.

APU IS A PREMIER DIGITAL TECH UNIVERSITY - MALAYSIA DIGITAL ECONOMY CORPORATION

APU was among the first universities in Malaysia awarded Premier Digital Tech University status by the Malaysia Digital Economy Corporation (MDEC). APU is recognised for its commitment to offer top-notch digital technology courses and ensuring our highly-skilled graduates continue to flourish and fill future digital job demands locally and globally.

WORLDWIDE RECOGNITION

WASHINGTON ACCORD
APU’s iconic campus

Asia Pacific University of Technology & Innovation (APU) is amongst Malaysia’s Premier Private Universities, and is where a unique fusion of technology, innovation and creativity works effectively towards preparing professional graduates for significant roles in business and society globally.

An Ultra-modern Campus Built Today for the Needs of Tomorrow

Asia Pacific University of Technology & Innovation (APU) This new Ultra-Modern University Campus in Technology Park Malaysia (TPM) is designed to be the state-of-the-art teaching, learning and research facility providing a conducive environment for students and staff. TPM is the ideal location for this new and contemporary Campus due to its strong positioning as Malaysia’s primary hub for leading-edge and high-tech developments in a wide variety of areas. It is also located in one of the most rapidly developing areas in Kuala Lumpur and is well served and accessible through major highways, LRT and other forms of public transportation.

APU has earned an enviable reputation as an award-winning University through its achievements in winning a host of prestigious awards at national and international levels.
The APU Career Centre connects and engages with over 10,000 Employers to ensure that our graduates are highly employed in both local and international corporations, as it closely supports APU students in both internship and career placement activities.

Industry Ready Graduates

Study with us and we’ll equip you to become a world-ready professional, with the knowledge, attributes, skills and expertise that employers look for.

Employers are demanding that graduates not just have qualifications, but also have the experience and ability to contribute to the workplace. To meet these demands, APU develops programmes and partnerships with academic and industry partners, with a heavy focus on applied learning. This helps ensure that the skills and knowledge taught at APU are up-to-date and in high demand.

100% of our graduates are employed by graduation*; this is not just a number, but a significant symbol of our success and pride in nurturing professionals for global careers.

Outstanding Support

Regardless of the programme you choose, you will be supported by highly qualified and enthusiastic professionals. Many enjoy an international reputation for their research and actively engage with leading names in the industry.

* Graduate Tracer Study 2018 by Ministry of Education, Malaysia
Rated No.1 in Asia and Malaysia for Multicultural Learning Experience*

Just like the beautiful country in which we are located, APU is a rich blend of traditional and modern styles. We have developed a singular character to embrace those things that set us apart. We pride ourselves on the quality of both our teaching and research as well as having a unique living and learning environment.

A Truly International Community

With more than 12,000 students from over 130 countries, we ensure that you will gain memorable experiences alongside the diverse and colourful cultural environment. We have students from Asia, Central Asia, Middle East, Africa, Europe, and Oceania. Our International Students Support Centre helps you with the procedures to apply for your Student Pass before coming here. Upon arrival in Kuala Lumpur, you will be greeted with warmth by our friendly staff, who will pick you up and bring you to our campus.

Student Welcome Team

The Student Welcome Team was established by Asia Pacific University of Technology & Innovation (APU) to improve the arrival experience of international students in Malaysia. Warm Welcome, Warm Hello, Warm What’s up is the theme of this ASK ME Team.

A Hub of Cultural Diversity

With more than 12,000 students from over 130 countries, we ensure that you will gain memorable experiences alongside the diverse and colourful cultural environment. We have students from Asia, Central Asia, Middle East, Africa, Europe, and Oceania. Our International Students Support Centre helps you with the procedures to apply for your Student Pass before coming here. Upon arrival in Kuala Lumpur, you will be greeted with warmth by our friendly staff, who will pick you up and bring you to our campus.

Being a university student can be one of your most exciting expeditions. Higher education opens up a world of new ideas, intellectual growth, new adventures and the building of lifelong friendships. Here at APU, we support you to take the time to explore not only the educational experiences but also the wide range of social, sporting and cultural activities on campus.

1* Student Barometer Wave 2019 (International Students), Studying with people from other cultures
Fitness Sweatzone, student lounges, sports facilities and breakout rooms provide spaces for relaxation and socialization throughout the day. They are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, especially for students who are studying away from home.

Social Interaction Platforms

Our campus is well-situated in a high-technology environment, and is equipped to enable every student to get the most out of their study experience at APU.

An Integrated Community

The campus aims to establish a community aspect for the university - where integration is the key. Walkways, classrooms, communal spaces and discussion areas promote connectivity and cultivates exchange of ideas among students from different disciplines and academics, to implement cooperative learning concepts in line with the Industrial Revolution 4.0.

APU provides access to world-class resources across a wide range of disciplines. This translates into industry-ready skills and a competitive edge for graduates.

Cutting-Edge Technologies

The Campus blends technology, integration, innovation and creativity under one roof. It provides not just a university learning environment, but also a lively community spot for our students to formulate new ideas, gain intellectual growth and discover new adventures. It is not only a university campus, but also the nurturing ground for world-changing global ideas. All spaces are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, while enabling professional learning and cultivating global mindsets. APU, as Malaysia’s leading technological university, is the incubator for self-starting and innovative APU graduates. Our educational technology environment supports the development of graduates of this calibre, in which well-equipped computing and engineering laboratories with advanced software, hardware and technologies place students at the forefront of technological excellence.

Social Interaction Platforms

Fitness Sweatzone, student lounges, sports facilities and breakout rooms provide spaces for relaxation and socialization throughout the day. They are carefully designed to create an unforgettable learning and lifestyle experience that lasts for a lifetime, especially for students who are studying away from home.
For all degrees within the School, APU links with industry helps provide internship training placements for students. Participation in research, internships and interdisciplinary study. Education based on a theoretical, experimental, and ethical foundation and enhanced by opportunities for approaches to enhancing lifelong career opportunities. This is emphasised by our mission to provide engineering technology and are market driven, and thus have great employment opportunities. The vision of the School is to be a leading provider of Engineering and Technology based education with innovative technology and are market driven, and thus have great employment opportunities.

A highly qualified and trained graduate workforce is required for every country to maintain its position in the global market. Our mission to provide engineering technology and are market driven, and thus have great employment opportunities.

INTERNATIONAL RECOGNITION

APU Engineering Degrees are fully accredited by the Board of Engineers Malaysia (BEM) which is a signatory to the Washington Accord.

With this achievement, recognition under the Washington Accord enables APU Engineering graduates to work in any country in the world who are also a signatory to the Accord, without the need to re-qualify. The recognition is of utmost importance to the engineering education in Malaysia as graduates from accredited engineering degree programmes from Washington Accord signatory countries are considered as meeting the academic standard for practices in engineering at the international level.

The above benefits are applicable in the following countries, which are signatory to the Washington Accord:

- Australia - Engineers Australia (1985)
- Canada - Engineers Canada (1989)
- China - China Association of Science and Technology (2006)
- Chinese Taipei - Institute of Engineering Education Taiwan (2002)
- Hong Kong China - The Hong Kong Institute of Engineers (1995)
- India - National Board of Accreditation (2014) [Applies only to programmes accredited by NBA offered by education providers accepted by NBA institutions]
- Ireland - Engineers Ireland (1989)
- Japan - Japan Accreditation Board for Engineering Education (2005)
- Korea - Accreditation Board for Engineering Education of Korea (2007)
- Malaysia - Board of Engineers Malaysia (2009)
- New Zealand - Institution of Professional Engineers NZ (1998)
- Pakistan - Pakistan Engineering Council (2017)
- Peru - Instituto de Calidad Y Acreditacion de Programas de Computacion, Ingenieria Y Tecnologia (ICACIT) (2018)
- Russia - Accreditation for Engineering Education of Russia (2012)
- Singapore - Institution of Engineers Singapore (2006)
- Turkey - MUDER (2011)
- United Kingdom - Engineering Council UK (1999)
- United States - Accreditation Board for Engineering and Technology (1989)

"Organisations holding provisional status have identified as having qualification accreditation or recognition procedures that are potentially suitable for the purposes of the Accord; these organisations are further developing those procedures with the goal of achieving signatory status in due course; qualifications accredited or recognised by organisations holding provisional status are not recognised by the signatories."

http://www.wseagreements.org/accords/washington/signatories/

"Organisations holding provisional status have identified as having qualification accreditation or recognition procedures that are potentially suitable for the purposes of the Accord; these organisations are further developing those procedures with the goal of achieving signatory status in due course; qualifications accredited or recognised by organisations holding provisional status are not recognised by the signatories."

http://www.wseagreements.org/accords/washington/signatories/

- Bangladesh - Represented By The Institution of Engineers Bangladesh (IEB)
- Costa Rica - Represented by Colegio Federado de Ingenieros y de Arquitetos de Costa Rica (CFIA)
- Chile - Represented by Agenacia Acreditadora Colegio De Ingenieros De Chile S A (ACREDITA C)
- Mexico - Represented by Consejo de Acreditación de la Enseñanza de la Ingenieria (CACEI)
- Philippines - Represented by Philippine Technological Council (PTC)
- Thailand - Represented by Council of Engineers Thailand (COET)
- Myanmar - Represented by Myanmar Engineering Council (MEC)
- Indonesia - Represented by Indonesian Accreditation Board for Engineering Education (IAABE)
PATHWAYS & ADMISSION REQUIREMENTS

ENGLISH REQUIREMENTS (only applicable to International Students)

Programmes | Requirements
---|---
Diploma and Bachelor [Hons] Engineering Degree Programmes | IELTS: 5.0, TOEFL PBT: 410-413, TOEFL IBT: 34, Pearson (PTE): 36, MUET: Band 3

Please note that under Ministry of Education regulations, only students who have achieved the minimum requirement in the English Language proficiency assessment as indicated above will be allowed to continue their studies in the main study programme. Students who do not have the required English language achievement may apply for a student visa on conditional basis and are allowed to enrol in an English Language Certification programme at APU upon arrival in Malaysia and subsequently, appear for the IELTS/TOEFL/PTE/MUET assessment. Students who are unable to obtain the required level of English competency during the maximum 12-month period, will not be allowed to pursue their studies in the main programme and will have to return to their home country.

Students from English speaking countries and those with qualifications taught in English (IGCSE, A-Levels, IB, American High School Diploma etc) are exempted from English requirements. Applications for exemption must be accompanied by supporting documents.

Note: The above entry requirements may differ for specific programmes based on the latest programme standards published by Malaysian Qualifications Agency (MQA).
### Modules You Study

The modules studied help develop your study skills, introduce you to what you can expect on your degree and also allow you to discover what you can study depending on whether you choose a degree in Accounting, Banking, Finance, Actuarial Studies, Business & Management, Computing & Technology, Engineering, Industrial Design, Animation and Visual Effects.

### Enriching Experiences - More Than Just a Foundation

The APU Foundation Programme leads the pathway towards professional tertiary education. It is a vital transformation point for students, soft skills, general knowledge and preparatory subject fundamentals acquired at the Foundation lead to excellence in a student’s education performance, as well as career-readiness as they move on as global professionals eventually. This is achieved through 4 key areas:

- Leadership & Teamwork
- Problem-Solving Skills
- Social Skills & Responsibilities
- Practical Skills

The unique support system at APU Foundation Programme consist of helpful academic mentors who are committed in ensuring academic achievements, providing pastoral care, advising, mentoring, motivating students’ potential and performance, to ensure they undergo a smooth transition from secondary education to tertiary education.

---

### Your Foundation Pathway to a Degree of Your Choice

(Please refer to individual course brochure for details and admission requirements.)

**Credit / Grade C in SPM / O-Level is required in:**

#### Mathematics

- Algebra
- Co-ordinate Geometry
- Trigonometry
- Calculus

#### Physical OR Chemistry OR Technical Science

- Matter
- Kinetics & Equilibrium

### Your Foundation Pathway to a Degree of Your Choice

#### Common Modules

- Communication Skills
- Personal Development & Study Methods
- Essentials of Web Applications
- Mathematics

### Semesters

<table>
<thead>
<tr>
<th>Semester</th>
<th>Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>English for Academic Purpose</strong></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td><strong>Academic Research Skills</strong></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td><strong>Academic Research Skills</strong></td>
</tr>
</tbody>
</table>

---

**You may then proceed to Level 1 of a Degree of your choice in the following pathways:**

### Primary Pathways

- Business & Management
- Accounting, Finance, Banking & Actuarial Studies
- Media & Communications

### Secondary Pathways

- Computing & Technology
- Industrial Design, Visual Effects, Animation & Digital Advertising
- International Relations

### Your Foundation Pathway to a Degree of Your Choice

Leading from APU Foundation to your Choice of Degree Studies; please note that a Credit Pass in Mathematics at SPM / O-Level is required for the following programmes:

#### Computing, Technology & Games Development

- BSc (Hons) in Information Technology
- BSc (Hons) in Information Technology (with a specialism in Software Engineering)
- BSc (Hons) in Computer Science (with a specialism in Data Analytics)
- BSc (Hons) in Computer Science (with a specialism in Digital Forensics)

#### Accounting, Banking, Finance & Actuarial

- BA (Hons) in Accounting and Finance
- BA (Hons) in Accounting and Finance (with a specialism in Financial Accounting)

#### Engineering

- Bachelor of Engineering in Electrical & Electronic Engineering (Honours)
- Bachelor of Engineering in Telecommunication Engineering (Honours)
- Bachelor of Engineering in Mechatronic Engineering (Honours)

### Credibility / Grade C in SPM / O-Level is required in:

#### Mathematics

- Algebra
- Co-ordinate Geometry
- Trigonometry
- Calculus

#### Physics OR Chemistry OR Technical Science

- Matter
- Kinetics & Equilibrium

### Leading from APU Foundation to your Choice of Degree Studies:

**Business, Management, Marketing, Media, Tourism & International Relations**

- BA (Hons) in Business Management
- BA (Hons) in Business Management with a specialism in E-Business
- BA (Hons) in Human Resource Management
- BA (Hons) in International Business Management
- BA (Hons) in Marketing Management
- BA (Hons) in Marketing Management with a specialism in Digital Marketing
- BA (Hons) in Tourism Management
- BA (Hons) in International Relations
- BA (Hons) in Tourism Management

**Industrial Design, Animation & Visual Effects**

- BA (Hons) in Industrial Design
- BA (Hons) in Animation
- BA (Hons) in Digital Advertising
- BA (Hons) in Graphic Design

---

**Student who choose to progress to BSc (Hons) in Software Engineering, BSc (Hons) in Computer Science, Bachelor of Computer Science (Hons) in Intelligent Systems or BSc (Hons) in Computer Science (Cyber Security) will require foundation from Computing & Technology course or Engineering course if the student do not have a credit in Additional Mathematics at SPM / KCSE / O-Level OR do not have a credit in Mathematics and Science subject at SPM / KCSE / O-Level.**

**Compulsory for Student who choose to progress to Bachelor of Science (Honours) in Actuarial Studies.**
THE AIMS OF THE APU ENGINEERING PROGRAMMES ARE TO OFFER:

- A broad education in the fundamentals of engineering principles and professional practices that form a strong flexible base which enables graduates to fill a variety of responsible engineering positions. Some graduates will prefer and be capable of continuing their education in a graduate school.
- A stimulating and accessible course of study necessary to understand the impact of engineering solutions in a global and social context, analysis and contemporary engineering issues which the students can develop and apply in their near future.
- An opportunity for students with different abilities and different educational experiences to benefit intellectually and contextually from their education in engineering courses.
- Graduates who are able to demonstrate intelligence, ingenuity, inventiveness and independence in all areas of endeavour.
- An intellectually demanding and stimulating programme of study and development of a life-long commitment to learning that develops necessary to understand the impact of engineering solutions in a global and social context, analysis and contemporary engineering issues which the students can develop and apply in their near future.
- A stimulating and accessible course of study necessary to understand the impact of engineering solutions in a global and social context, analysis and contemporary engineering issues which the students can develop and apply in their near future.
- An opportunity for students with different abilities and different educational experiences to benefit intellectually and contextually from their education in engineering courses.
- Graduates who are able to demonstrate intelligence, ingenuity, inventiveness and independence in all areas of endeavour.
- An intellectually demanding and stimulating programme of study and development of a life-long commitment to learning that develops specialties, each with its own unique challenges and rewards. The careers and job activity areas are as follows:

Bachelor of Engineering in Electrical & Electronic Engineering with Honours

- Advanced robotics and intelligent Machines
- Image Processing and collision avoidance
- Industrial systems such as CIM system, CAD/CAM system
- Design and develop a Mechatronics system

Bachelor of Engineering in Telecommunication Engineering with Honours

- Data networks, data coding, compression, encryption and transmission
- Microwave & RF Communications

Bachelor of Computer Engineering with Honours

- Microcontroller Selection and Programming
- Signal Processing

Bachelor of Petroleum Engineering with Honours

- Reservoir engineer and help determine ideal recovery processes, estimate the number of wells that can be economically drilled, and simulate future performance using sophisticated computer models.
- Manager, an entrepreneur, economist, or environmental/safety specialist.
PROGRAMME EDUCATIONAL OBJECTIVES

<table>
<thead>
<tr>
<th>PEO</th>
<th>ELECTRICAL AND ELECTRONIC ENGINEERING (EEE)</th>
<th>MECHATRONIC ENGINEERING (ME)</th>
<th>TELECOMMUNICATION ENGINEERING (TE)</th>
<th>COMPUTER ENGINEERING (CE)</th>
<th>PETROLEUM ENGINEERING (PE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED1</td>
<td>Be a practicing engineer contributing to the development of Electrical Engineering while demonstrating professionalism.</td>
<td>Be a practicing engineer contributing to the development of Mechantronics Engineering while demonstrating professionalism.</td>
<td>Be a practicing engineer contributing to the development of Telecommunication Engineering while demonstrating professionalism.</td>
<td>Be a practicing engineer contributing to the development of Computer Engineering while demonstrating professionalism.</td>
<td>Be a practicing engineer contributing to the development of Petroleum Engineering while demonstrating professionalism.</td>
</tr>
<tr>
<td>PED2</td>
<td>Pursue engineering innovation via career advancement opportunities and/or advanced studies in Electrical Engineering.</td>
<td>Pursue engineering innovation via career advancement opportunities and/or advanced studies in Mechatronics Engineering.</td>
<td>Pursue engineering innovation via career advancement opportunities and/or advanced studies in Telecommunication Engineering.</td>
<td>Pursue engineering innovation via career advancement opportunities and/or advanced studies in Computer Engineering.</td>
<td>Pursue engineering innovation via career advancement opportunities and/or advanced studies in Petroleum Engineering.</td>
</tr>
</tbody>
</table>

PROGRAMME OUTCOMES

The students, upon completion of their study, should attain the following outcomes:

- Ability to gain and apply principles of Mathematics, Science and Engineering to the solutions of complex engineering problems.
- Ability to undertake complex engineering problem analysis and apply engineering principles to solve them.
- Ability to select and use suitable tools and techniques for complex engineering problems.
- Ability to investigate complex engineering problems using research techniques.
- Ability to design innovative solutions for complex engineering problems.
- Ability to communicate effectively and professionally on complex engineering activities.
- Ability to comprehend and demonstrate good practices of engineering in sustainable development and environmental considerations for the solutions of complex engineering problems.
- Ability to engage in professional engineering practice for safety, health, social, cultural and legal responsibilities in developing solutions for complex engineering problems.
- Ability to execute the responsibilities of an Engineer professionally and ethically.
- Ability to function effectively as a team leader or a member in a team within multi-disciplinary settings.
- Ability to recognize the need for, and be able to engage in independent and life-long learning towards continuous professional development.
- Ability to demonstrate entrepreneurship skills, engineering project management and economic decision making in multidisciplinary environments.

The School of Engineering at APU is very active in pursuing collaborative partnership with industries with an aim to expose students to professional engineering practices as early as possible in their studies and to provide students the opportunities to solve real-world engineering problems as a form of grooming for engineering careers upon graduation. The School of Engineering has been collaborating with industries on two fronts, i.e. to work with professional and industrial institutions, and with multinational corporations and small & medium enterprises (SMEs).

On collaboration with professional institutions, the School of Engineering collaborate closely with the Institution of Engineers Malaysia (IEM). Since then, IEM has been very supportive on all activities organised by the IEM-APU Student Section (IASS) via funding and provision of expertise on technical talks, seminars and workshops. All engineering students are also highly encouraged to participate in IEM activities as Student Member of the Institute. The strong ties with IEM has provided students an early appreciation of the roles of engineers and the challenges ahead. For 4 consecutive years, our Final Year students were awarded the IEM Gold Medal Award in which their excellence and outstanding performance were highly recognised by IEM and the members of the industry.

The School of Engineering has also established a MOU with Malaysia Automation Technology Association (MATa) with an aim to expose students to advanced technologies via internships, workshops, technical talks and opportunities to work on final-year projects at member companies of MATa. The partnership with MATa has been going strong since 2014, with the successful launch of Automation Technology Day both in 2015 and 2016. The event has provided students great opportunities to seek employment and internship with some of the MATa member companies such as Schneider Electric, Siemens, festo, omron, among others. In addition, students also benefited from the technical talks on Industrial 4.0, Internet of Things (IoT) and workshops on PLC & Pneumatics etc.

The School of Engineering also champions industrial collaboration with companies, be it multinational corporations or SMEs. The companies typically provide final-year project (FYP) titles for qualified 4th Year students to work on. A number of projects have been initiated and completed successfully with companies such as Top Glove, ABB, Daikin R&D, Mawea Industries, ERL Maintenance Support, Signal Transmission, among others. In addition, many such projects resulted from the proactive efforts of the lecturers in establishing Memorandum of Agreements (MOA) with companies. All these have resulted in a win-win situation whereby companies benefit from the outcome of the research and development efforts while students are able to solve real-world complex engineering problems by leveraging on resources and expertise from the industries.

On collaboration with professional institutions, the School of Engineering collaborate closely with the Institution of Engineers Malaysia (IEM). Since then, IEM has been very supportive on all activities organised by the IEM-APU Student Section (IASS) via funding and provision of expertise on technical talks, seminars and workshops. All engineering students are also highly encouraged to participate in IEM activities as Student Member of the Institute. The strong ties with IEM has provided students an early appreciation of the roles of engineers and the challenges ahead. For 4 consecutive years, our Final Year students were awarded the IEM Gold Medal Award in which their excellence and outstanding performance were highly recognised by IEM and the members of the industry.

The School of Engineering has also established a MOU with Malaysia Automation Technology Association (MATa) with an aim to expose students to advanced technologies via internships, workshops, technical talks and opportunities to work on final-year projects at member companies of MATa. The partnership with MATa has been going strong since 2014, with the successful launch of Automation Technology Day both in 2015 and 2016. The event has provided students great opportunities to seek employment and internship with some of the MATa member companies such as Schneider Electric, Siemens, festo, omron, among others. In addition, students also benefited from the technical talks on Industrial 4.0, Internet of Things (IoT) and workshops on PLC & Pneumatics etc.

The School of Engineering also champions industrial collaboration with companies, be it multinational corporations or SMEs. The companies typically provide final-year project (FYP) titles for qualified 4th Year students to work on. A number of projects have been initiated and completed successfully with companies such as Top Glove, ABB, Daikin R&D, Mawea Industries, ERL Maintenance Support, Signal Transmission, among others. In addition, many such projects resulted from the proactive efforts of the lecturers in establishing Memorandum of Agreements (MOA) with companies. All these have resulted in a win-win situation whereby companies benefit from the outcome of the research and development efforts while students are able to solve real-world complex engineering problems by leveraging on resources and expertise from the industries.

Our Engineering students won the APICTA Malaysia award, which is also known as the Scalar of ICT.

Our Final Year Engineering students have continued the IEM Gold Medal for 4 consecutive years.
Embracing the wave of Industry Revolution 4.0

FUTURE-PROOFING THE WORKFORCE OF THE FUTURE

New waves of technological disruptions and the emergence of advanced technologies have resulted in the Fourth Industrial Revolution (Industry 4.0), where Robotics, Artificial Intelligence (AI), Machine Learning, Virtual Reality (VR), Cloud Computing, Data Science are going to transform the way businesses operate – routine, mundane jobs will be replaced and there is a growing need to develop “smarter” talents that can ride along the wave of digital transformation.

At APU, we developed our own IR 4.0 strategy to prepare our students to join the workforce of the future. We nurture the world’s future innovators and uphold our Vision as a University of Technology and Innovation.
Bachelor of Engineering in ELECTRICAL & ELECTRONIC ENGINEERING with Honours

Duration: 4 years full-time

This programme is specifically designed to provide students with:
- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in electrical & electronic engineering fundamentals.
- A study in both the areas of electronic engineering as well as electrical power systems including the area of operation, transmission and distribution of electrical energy.

Career options
- Electrical Engineer
- Power Engineer
- Design Engineer
- Product Engineer
- Electronics Engineer
- Test Engineer
- Network Engineer
- Telecommunication Engineer
- Microwave and Optical Transmission
- Embedded Software
- Digital Signal Processing
- Computer Architecture
- Computer Systems Security
- Cloud Infrastructure & Services
- Renewable Energy
- Satellite & Mobile Communication
- Modern Communication Systems

Module outline

YEAR 1
- Students will understand the basic principles of engineering in the areas of Circuit Analysis, Instrumentation & Measurement, and Power Engineering. Other modules aim to provide the basic academic skills required to meet the demands of employers as well as thorough grounding in principles of IF and management. Important and relevant skills for managing activities and for their own independent learning are also introduced.

YEAR 2
- Here, students start specialising in modules that develop the necessary underlying knowledge and skills in Electrical & Electronic Engineering with modules such as Analogue Electronics, Digital Electronics, and Power Engineering. Specialised knowledge and skills in the areas of microwave and optical transmission, and software systems.

YEAR 3
- Specialised knowledge and skills in the areas of Control Engineering, Computer Architecture, Communication Engineering Principles, Numerical Methods and Statistics, Microprocessor Systems & Embedded Software, Digital Signal Processing, and the integration of Transmission and Distribution of Electrical Power, PLC & Pneumatic Systems, and Power Electronics & Drives are the critical focus of this level. There is further development of the ability to apply relevant engineering skills with strong critical thinking and analysis. Independent learning continues in all modules.

INTERNSHIP
- Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

YEAR 4
- The final Engineering modules provide the necessary industry application and technological skills which become very useful for employment upon graduation. Students personal and professional development, technical capability and understanding of how to innovate, generate and manage the creation of new ideas will be enhanced. Students will deliver several Engineering Projects where they will demonstrate higher level critical thinking, analysis and solutions development skills which will enhance their employability.

Full-time students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency.

Bachelor of Engineering in TELECOMMUNICATION ENGINEERING with Honours

Duration: 4 years full-time

This programme is specifically designed to provide students with:
- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in telecommunication engineering fundamentals.
- A study in the areas of telecommunication engineering which covers the structure of mobile computing systems, telecommunication systems & networks, and software systems.
- The technical skills to cover the ever-demanding expertise in the fields of microwave and optical transmission, satellite communications and RF communications.

Career options
- RF Engineer
- Network Engineer
- Text Engineer
- Electronics Engineer
- Sales Engineer
- Product Engineer
- Support Engineer
- R&D Engineer
- Infrastructure & Utility Engineer
- Optical Engineer
- Telecommunication Engineer

Module outline

YEAR 1
- Students will understand the basic principles of engineering in the areas of Circuit Analysis, Instrumentation & Measurement, Engineering Materials, Instrumentation & Measurement, Power Electronics, and Engineering Design. Other modules aim to provide the basic academic skills required to meet the demands of employers as well as thorough grounding in principles of IF and management. Important and relevant skills for managing activities and for their own independent learning are also introduced.

YEAR 2
- Here, students start specialising in modules that develop the necessary underlying knowledge and skills in Telecommunication Engineering with modules such as Electromagnetic Field Theory, Engineering Software & Applications, and Analogue Electronics. Specialised knowledge and skills in the areas of telecommunication engineering are provided for the better understanding of the engineering modules.

YEAR 3
- Specialised knowledge and skills in the areas of Control Engineering, Computer Architecture, Analogue Communication, Digital Communication, and Engineering Mathematics are provided. Students will understand the basic principles of microwave and optical transmission, satellite communications and RF communications.

YEAR 4
- The final year Engineering modules provide the necessary industry application and technological skills which become very useful for employment upon graduation. Students personal and professional development, technical capability and understanding of how to innovate, generate and manage the creation of new ideas will be enhanced. Students will deliver several Engineering Projects where they will demonstrate higher level critical thinking, analysis and solutions development skills which will enhance their employability.

Full-time students are required to successfully complete these modules as stipulated by the Malaysian Qualification Agency.
At a glance

**Career options**
- Design Engineer
- Plant Engineer
- Robotics Engineer
- Service Engineer
- Mechanical Engineer
- Automation Engineer
- Co-Curriculum
- Workplace Professional Communication Skills
- Malaysian Studies (Int'l Students)
- Employees & Employment Trends
- Workplace Professional Communication Skills
- Internet of Things: Concepts & Applications
- Cloud Infrastructure & Services
- Thermodynamics & Heat Transfer
- CAD/CAM
- Group Design Project
- Project Phase 1 (Investigation)
- Group Design Project
- Engineer in Society
- Analogue Integrated Circuits & Systems
- Digital Signal Processing
- Internet of Things: Concepts & Applications
- Internet of Things: Concepts & Applications
- MQA Compulsory Subjects
- Ethnic Relations (Malayan Students)
- Islamic & Asian Civilisation (Malayan Students)
- Islamic & Asian Civilisation (Malayan Students)
- Malaysian Studies (Int'l Students)
- Workplace Professional Communication Skills
- Employee & Employment Trends
- Co-Curriculum

**Module outline**

**YEAR 1**
- Common Modules
  - Analysis of Circuits
  - Instrumentation & Measurement
  - Introduction to Management
  - Engineering Mathematics 1
  - Engineering Mathematics 2
  - Introduction to C Programming
  - Industry 4.0
  - Engineering Materials
  - Engineering Design
  - Engineering Statics & Dynamics
- Specialised Modules
  - Strength of Material
  - Robotics Technology
  - Sensors & Actuators

**YEAR 2**
- Common Modules
  - Analog Electronics
  - Digital Electronics
  - Introduction to Electrical Systems
  - Engineering Mathematics 3
  - Electromagnetic Field Theory
  - Engineering Software & Applications
  - Signals and Linear Systems
- Specialised Modules
  - Machine Design
  - Fluid Mechanics
  - PLC & Pneumatic Systems
  - Measurement and Engineering Design
  - Other Compulsory Subjects

**YEAR 3**
- Specialised knowledge and skills in the areas of Control Engineering, Communication Engineering Principles, Numerical Methods & Statistics, Microprocessor Systems & Embedded Software, Machine Design, Fluid Mechanics, PLC & Pneumatic System and Machine Vision & Intelligence are the critical focus of this level. This is a further development of the ability to apply relevant engineering skills with strong critical thinking and analysis. Independent learning continues in all modules.

**INTERNSHIP**
- Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

**YEAR 4**
- Final project
  - Project Phase 2 (Implementation)
  - Group Design Project
  - Engineer in Society
  - Specialised Modules
  - Analog Integrated Circuits & Systems
  - Digital Signal Processing
  - Internet of Things: Concepts & Applications
  - MQA Compulsory Subjects
  - Ethnic Relations (Malayan Students)
  - Islamic & Asian Civilisation (Malayan Students)
  - Malaysian Studies (Int'l Students)
  - Workplace Professional Communication Skills
  - Employee & Employment Trends
  - Co-Curriculum

**YEAR 1**
- Common Modules
  - Analysis of Circuits
  - Instrumentation & Measurement
  - Introduction to Management
  - Engineering Mathematics 1
  - Engineering Mathematics 2
  - Introduction to C Programming
  - Industry 4.0
  - Engineering Materials
  - Engineering Design
  - Engineering Statics & Dynamics
- Specialised Modules
  - Strength of Material
  - Robotics Technology
  - Sensors & Actuators

**YEAR 2**
- Common Modules
  - Analog Electronics
  - Digital Electronics
  - Introduction to Electrical Systems
  - Engineering Mathematics 3
  - Electromagnetic Field Theory
  - Engineering Software & Applications
  - Signals and Linear Systems
- Specialised Modules
  - Machine Design
  - Fluid Mechanics
  - PLC & Pneumatic Systems
  - Measurement and Engineering Design
  - Other Compulsory Subjects

**YEAR 3**
- Specialised knowledge and skills in the areas of Control Engineering, Communication Engineering Principles, Numerical Methods & Statistics, Microprocessor Systems & Embedded Software, Machine Design, Fluid Mechanics, PLC & Pneumatic System and Machine Vision & Intelligence are the critical focus of this level. This is a further development of the ability to apply relevant engineering skills with strong critical thinking and analysis. Independent learning continues in all modules.

**INTERNSHIP**
- Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

**YEAR 4**
- Final project
  - Project Phase 2 (Implementation)
  - Group Design Project
  - Engineer in Society
  - Specialised Modules
  - Analog Integrated Circuits & Systems
  - Digital Signal Processing
  - Internet of Things: Concepts & Applications
  - MQA Compulsory Subjects
  - Ethnic Relations (Malayan Students)
  - Islamic & Asian Civilisation (Malayan Students)
  - Malaysian Studies (Int'l Students)
  - Workplace Professional Communication Skills
  - Employee & Employment Trends
  - Co-Curriculum

**Duration**
- 4 years full time

This programme is specifically designed to provide students with:
- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in Mechatronic engineering fundamentals.
- A study in the area of computer engineering where covers networking, database management, security systems, cloud infrastructure and data analytics.

**Career options**
- Computer Systems Engineer
- Computer System Analyst
- Computer Network Architect
- Computer Hardware Engineer
- Database Administrator
- Programmer
- IT Engineer
- Application Engineer
- Support Engineer
- Electronics Engineer

**Module outline**

**YEAR 1**
- Common Modules
  - Analysis of Circuits
  - Instrumentation & Measurement
  - Introduction to Management
  - Engineering Mathematics 1
  - Engineering Mathematics 2
  - Introduction to C Programming
  - Industry 4.0
  - Engineering Materials
  - Engineering Design
  - Engineering Statics & Dynamics
- Specialised Modules
  - Strength of Material
  - Robotics Technology
  - Sensors & Actuators

**YEAR 2**
- Common Modules
  - Analog Electronics
  - Digital Electronics
  - Introduction to Electrical Systems
  - Engineering Mathematics 3
  - Electromagnetic Field Theory
  - Engineering Software & Applications
  - Signals and Linear Systems
- Specialised Modules
  - Machine Design
  - Fluid Mechanics
  - PLC & Pneumatic Systems
  - Measurement and Engineering Design
  - Other Compulsory Subjects

**YEAR 3**
- Specialised knowledge and skills in the areas of Control Engineering, Communication Engineering Principles, Numerical Methods & Statistics, Microprocessor Systems & Embedded Software, Machine Design, Fluid Mechanics, PLC & Pneumatic System and Machine Vision & Intelligence are the critical focus of this level. This is a further development of the ability to apply relevant engineering skills with strong critical thinking and analysis. Independent learning continues in all modules.

**INTERNSHIP**
- Students will undertake an Internship/Industrial Training for a minimum period of 16 weeks to prepare them for a smooth transition from the classroom to the working environment.

**YEAR 4**
- Final project
  - Project Phase 2 (Implementation)
  - Group Design Project
  - Engineer in Society
  - Specialised Modules
  - Analog Integrated Circuits & Systems
  - Digital Signal Processing
  - Internet of Things: Concepts & Applications
  - MQA Compulsory Subjects
  - Ethnic Relations (Malayan Students)
  - Islamic & Asian Civilisation (Malayan Students)
  - Malaysian Studies (Int'l Students)
  - Workplace Professional Communication Skills
  - Employee & Employment Trends
  - Co-Curriculum

**Duration**
- 4 years full time

This programme is specifically designed to provide students with:
- High-quality undergraduate engineering education by providing students with a curriculum that is firmly grounded in Computer engineering fundamentals.
- A study in the area of computer engineering where covers networking, database management, security systems, cloud infrastructure and data analytics.
Career options

- Petroleum Geologist
- Plant Engineer
- Process Engineer
- Drilling Engineer
- Well Completion Engineer
- Reservoir Engineer
- Commissioning Engineer
- Production Engineer

Career options

- Transportation systems, and related facilities, storage facilities, processing and refining systems and processing and refining crude oil systems for locating, extracting, development and operation of oil and gas fields.

The ability to apply engineering principles to the design, development and operation of systems for locating, extracting, processing and refining systems and facilities, storage facilities, transportation systems, and related environmental and safety systems.

Career options

- Production Engineer
- Commissioning Engineer
- Reservoir Engineer
- Well Completion Engineer
- Drilling Engineer
- Process Engineer
- Oil & Gas Design Engineer
- Plant Engineer
- Petroleum Geologist.

Duration: 4 years full time

This programme is specifically designed to provide students with:

- High quality undergraduate engineering education that combines petroleum, gas and exploration engineering to cater for the ever-demanding oil and gas industry.
- The ability to apply engineering principles to the design, development and operation of systems for locating, extracting, processing and refining crude oil and gas including mining and drilling systems, processing and refining systems and facilities, storage facilities, transportation systems, and related environmental and safety systems.

Career options

- Production Engineer
- Commissioning Engineer
- Reservoir Engineer
- Well Completion Engineer
- Drilling Engineer
- Process Engineer
- Oil & Gas Design Engineer
- Plant Engineer
- Petroleum Geologist.

Duration: 4 years full time

This programme is specifically designed to provide students with:

- High quality undergraduate engineering education that combines petroleum, gas and exploration engineering to cater for the ever-demanding oil and gas industry.
- The ability to apply engineering principles to the design, development and operation of systems for locating, extracting, processing and refining crude oil and gas including mining and drilling systems, processing and refining systems and facilities, storage facilities, transportation systems, and related environmental and safety systems.

Career options

- Production Engineer
- Commissioning Engineer
- Reservoir Engineer
- Well Completion Engineer
- Drilling Engineer
- Process Engineer
- Oil & Gas Design Engineer
- Plant Engineer
- Petroleum Geologist.

Duration: 4 years full time

This programme is specifically designed to provide students with:

- High quality undergraduate engineering education that combines petroleum, gas and exploration engineering to cater for the ever-demanding oil and gas industry.
- The ability to apply engineering principles to the design, development and operation of systems for locating, extracting, processing and refining crude oil and gas including mining and drilling systems, processing and refining systems and facilities, storage facilities, transportation systems, and related environmental and safety systems.

Career options

- Production Engineer
- Commissioning Engineer
- Reservoir Engineer
- Well Completion Engineer
- Drilling Engineer
- Process Engineer
- Oil & Gas Design Engineer
- Plant Engineer
- Petroleum Geologist.
ENGINEERING PROGRAMME STRENGTHS

Outcome Based Education

Our curriculum is a collaborative effort, between our team of academicians and our Industry Advisory Panel (IAP). We design our curriculum based on the needs of the industry, to ensure Employability Edge among our students, while maintaining our standards, by ensuring our programmes are full-accreditation compliant.

Our programme delivery is based on Outcome Based Education (OBE), in which high graduate employability is our end result.

Value-added Skills Training

Apart from technical knowledge in the Engineering field, we highly believe that students should also possess life skills such as critical thinking, communication and professionalism. Our Problem Based Learning (PBL) leads to producing critical and innovative graduates, in which multiple wins in various industry-standard-competitions are our best testaments of success.

Student Experiences

Our academicians believe that learning should not be confined within classrooms and lecture halls. As early as the first year of their study, students possess the opportunities to gain hands-on exposure to the industry, to experience life as a professional engineer, as well as to build connections with professional engineers through regular industrial visits to manufacturing plants, factories, sites and offices of our industry partners, such as MEASAT, Top Glove, ABB and more.

The IEM-APU Student Section (IASS) is a committee for the students by the students. Since its establishment in 2015, IASS never failed to organize monthly technical events in collaboration with IEM, to boost students’ managerial skills, innovation and presentation skills while learning to manage and organize professional-standard events from A to Z.

Student Testimonials

DEVINDRAN A/L MUNANDY (Malaysia)
B.Eng (Hons) in Electrical & Electronics Engineering, Class of 2017
Design Engineer – Schneider Electric Malaysia

“Within my first year of graduating, I managed to secure a job at the M&E Consulting firm, Minconsult Sdn. Bhd. I am forever grateful to APU for providing me with a conducive environment and great opportunities to improve my knowledge and subsequently allowing me to graduate with a prestigious first class honours degree. It was APU that equipped me with a strong foundation in my field of engineering leading me to this first success. The exposure to project management and technical skills within the programme enabled me to contribute to my employer’s success even from a junior position. Subsequently I moved on to my current place of employment. It comes with its own set of challenges but I still feel equipped to handle this new adventure, thanks again to APU.”

LIM CHEE CHEOW (Malaysia)
B.Eng (Hons) in Electrical and Electronic Engineering, Class of 2014

“I am currently a visiting scholar with State-Key Laboratory of Analog & Mixed Signal VLSI at University of Macau and also a PhD candidate of the University of Malaya. Both institutions are known for state-of-the-art research in the field of Microelectronics. It was at APU that I acquired this strong footing in this field.”
WHAT DO OUR ALUMNI SAY...

SABRINA, FONG KAH YAN (Malaysia)
B.Eng (Hons) in Mechatronic Engineering, Class of 2013
Process Engineer - NXP Semiconductor (formerly known as Freescale Semiconductor)

“Receiving my degree from APU gave me the skills and knowledge needed in my engineering career. But ultimately, APU and its faculty members prepared me for the professional working environment and instilled independence and importance of continuous learning that made me a successful engineer I am today.”

TIERRY THOMASSE (Mauritius)
B.Eng (Hons) in Electrical and Electronic Engineering, Class of 2015
Sales Engineer & Commercial Support, Vitech Electronics Limited, Australia

“I have been in a working environment for 2 years already and I think that the EEE programme is quite complete. I have used my qualification here in Australia and the professional body, Engineers Australia, classified me as a Professional Electrical Engineer Skill level 1.”

ELAHEH SHAKERI (Iran)
B.Eng (Hons) in Mechatronic Engineering, Class of 2016
Project Engineer - Coesia Group, Italy

“Today I’m proud to be considered as the best of the best engineering graduates in the globally leading supplier of high-tech machinery. APU was where I created my future in.”

VIMALALAN NAIR A/L CHANDRASHAKARAN (Malaysia)
B.Eng (Hons) in Telecommunication Engineering, Class of 2014

“Graduating from APU not only gave me advanced theoretical knowledge in the field of telecommunication engineering, but, through the various project-based assignments, also allowed me to develop practical skills such as teamwork, problem-solving and effective communication. As an RF Engineer, I utilize these skills every day to work both autonomously and cooperatively.”

ANDREW TEH BOON KHENG (Malaysia)
B. Eng (Hons) in Mechatronic Engineering, Class of 2015
Technical Support Engineer - Keyence Corporation

“APU provided me a fabulous platform to equip myself to enter the industrial world, from organizing various engineering events to managing a team. Studying at Asia Pacific University has given me a lot of memorable and happy moments. It provided many opportunities for students to learn and explore.

In the university’s engineering community, IEM-APU Student Section, I was one of the committee representatives to assist in different events such as seminar coordination, industrial visit arrangements and technical workshops to skill up other students and so on. It was such an honour to be enrolled in Asia Pacific University and be involved in this student section, as I could develop my management skills. The student section established a bridge between our internal communities and other universities to reinforce students’ experiences during their university life.

These experiences made my student life eventful and valuable during my study at Asia Pacific University.”

ACADEMIC RESEARCH

For our staff, learning is a continuous journey where we keep abreast with the latest knowledge in a variety of fields. Our academic staff publish papers and present them at conferences worldwide. Some of the areas of research include:

- Regenerative Power
- Renewable/Green Energy
- Sustainable Development
- Rapid Prototyping
- Material Science
- Modelling of Quantum Dot Systems
- Silicon-based Microsismeter Applications
- Humanoid Robot development
- Active RFID System in Multi-Hop Wireless Sensor Network
- Automatic Object Retrieval Systems Based on Speech Dictation Technology
- Robotics Haptic and Tactile Sensor development
- Robotics Vision development
- Biomedical Robotics
- Seismic Imaging

- Reservoir Engineering
- Noise Filtration
- Sub-Sea Cable Trenching
- Signal Processing
- Nanoelectronics
- Microelectronics
- Wireless self-charging drone for stock updates
- LoRa monitoring module
- Universal sensor module with IoT
- Smart Lab with voice activation
- Smart Utility for Smart City
Asia Pacific Centre of Robotics Engineering

The APCORE (Asia Pacific Center of Robotics Engineering) is an initiative by APU School of Engineering to develop the robotic engineering field within the school. The center undertakes research in various areas of robotics especially humanoid robot development, robotic sensors, robotic vision and biomedical robotics. This will involve lectures by industrial experts and in-house research activities in these areas. The center is also a meeting point for students and lecturers to share ideas and assess their work, as well as a platform for collaboration with industry to keep the research and technology used to be relevant and current. APCORE aims to help lecturers and students to gain knowledge with get hands on experience through involvement in continuous development of robotics technology. Some of projects conducted by APCORE include the development of tele presence and humanoid robot, participations in international exhibitions and competitions.

Asia Pacific Centre of Analytics (APCA)

Asia Pacific Centre of Analytics (APCA) is established in association with multi-discipline expertise from various schools in APU. The vision of APCA is to establish the foundation to develop young data scientists to meet the demands in Malaysia and global. The expertise and experience cover areas of Data Management, Machine Learning, Behavioral Studies, Business Case, Statistics and Engineering. The formation directs to broad activities in Big Data ecosystem, in line with national vision to make Big Data Analytics the catalyst for nation’s economic development. Creating new area in BDA studies, Embedding BDA topics into Undergraduate and Postgraduate studies, Development of Educational and Industrial Framework, Creating Project Marketplace, Research project commercialisation and crowdfunding, Consultancy and Training Services.

Centre for Research and Development of IoT (CREDIT)

The establishment of Centre for Research and Development of IoT (CREDIT) is a significant milestone that supports the objectives of the Malaysia National IoT Strategic Roadmap Initiative. CREDIT aims to provide students and academic staff the opportunities to access IoT-related knowledge and know-how through various activities. It also acts as a hub to support commercialising potential state-of-the-art solutions resulting from R&D projects. Additionally it allows students to be engaged in a current key requirement sector which will increase employability rates.

APU IEEE Student Branch

APU IEEE Student Branch, which is part of the Malaysia Section under Region 10 (Asia and Pacific), was formulated in 2010. As a member of IEEE, APU students have a wide variety of resources and valuable opportunities to advance their knowledge and future career. APU Student Branch provides numerous educational, technical and professional development for its members through special projects, activities, meetings, tours and field trips. Following three student technical chapters namely Computer Society, Communication Society and Computational Intelligence are also established under the Student Branch which offer the opportunity for APU student members to network with peers, develop activities for professional development, and share expertise through technical exchange.

APU Motorsports Club

The Club focuses on performance and eco-friendly competitions. The academic staff and students work on constructing efficient cars based on materials study, structural engineering, engine optimum performance and control mechanisms for local races such as EIMA, CT 128, IRMA and Formula V'.
State-of-art* Engineering Equipment

It's all going on @APU Students from over 130 countries ★
**APIIT Education Group Awards and Achievements**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>2 Silver Medals for the Invention, Innovation and Technology category</td>
</tr>
<tr>
<td>2015</td>
<td>1 Gold Award for the Invention, Innovation and Technology category</td>
</tr>
<tr>
<td>2016</td>
<td>1 Silver Award for the Invention, Innovation and Technology category</td>
</tr>
<tr>
<td>2017</td>
<td>1 Silver Award for the Invention, Innovation and Technology category</td>
</tr>
<tr>
<td>2018</td>
<td>1 Silver Award for the Invention, Innovation and Technology category</td>
</tr>
<tr>
<td>2019</td>
<td>1 Gold Award for the Invention, Innovation and Technology category</td>
</tr>
</tbody>
</table>

**International Invention, Innovation & Technology Exhibition (ITEX)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Gold Award</td>
</tr>
<tr>
<td>2017</td>
<td>Gold Award</td>
</tr>
<tr>
<td>2018</td>
<td>Gold Award</td>
</tr>
<tr>
<td>2019</td>
<td>Gold Award</td>
</tr>
</tbody>
</table>

**Asia Pacific ICT Awards (APPA) MALAYSIA (Multimedia Development Corporation)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>Merit Award for 'Best of Student Projects'</td>
</tr>
<tr>
<td>2000</td>
<td>Top Award for 'Best of Student Projects'</td>
</tr>
<tr>
<td>2000</td>
<td>Merit Award for 'Best of Smart Learning Applications'</td>
</tr>
<tr>
<td>2001</td>
<td>Merit Award for 'Best of Smart Learning Applications'</td>
</tr>
<tr>
<td>2002</td>
<td>Merit Award for 'Best of Smart Learning Applications'</td>
</tr>
<tr>
<td>2003</td>
<td>Merit Award for 'Best of Research &amp; Development'</td>
</tr>
<tr>
<td>2004</td>
<td>Top Award for 'Best of Applications &amp; Infrastructure Tools'</td>
</tr>
<tr>
<td>2005</td>
<td>Top Award for 'Best of Applications &amp; Infrastructure Tools'</td>
</tr>
<tr>
<td>2006</td>
<td>Champion (APT, Malware &amp; Cyber powered by FireEye) track</td>
</tr>
<tr>
<td>2007</td>
<td>Champion (Engineering &amp; Cyber - powered by BT) track</td>
</tr>
<tr>
<td>2016</td>
<td>2nd Runner up (Cyber Security Challenge 2016: National Finals)</td>
</tr>
</tbody>
</table>

**International Energy Innovation Competition (IEIC) SINGAPORE**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Gold Medal</td>
</tr>
<tr>
<td>2018</td>
<td>Gold Medal</td>
</tr>
<tr>
<td>2019</td>
<td>Gold Medal</td>
</tr>
</tbody>
</table>

**KPMG Cyber Security Challenge**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Best Innovation Prize</td>
</tr>
</tbody>
</table>

**Regional Cyber Challenge (RCC)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>1st Runner Up</td>
</tr>
<tr>
<td>2019</td>
<td>Merit Prize</td>
</tr>
</tbody>
</table>

**International University Carnival on E-Learning (IUCEL)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>Champion (“APT, Malware &amp; Cyber powered by FireEye” track)</td>
</tr>
<tr>
<td>2019</td>
<td>Champion</td>
</tr>
</tbody>
</table>

**International Prize in Cybersecurity (IPCyber)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>Champion</td>
</tr>
<tr>
<td>2019</td>
<td>Champion</td>
</tr>
</tbody>
</table>

**International Programmable Logic Controller Challenge (IPCC)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Bronze Award</td>
</tr>
<tr>
<td>2017</td>
<td>Silver Award</td>
</tr>
<tr>
<td>2018</td>
<td>Gold Award</td>
</tr>
</tbody>
</table>

**APIIT Education Group is the proud recipient of Prime Minister’s Award and Export Excellence Award (Services) for Industry Excellence Awards - March 2011**

The APIIT Education Group received the prestigious Prime Minister’s Industry Excellence Award from the Prime Minister of Malaysia. Only one organisation was selected to receive the Prime Minister’s Industry Excellence Award from among nearly 50 other award recipients in 8 different categories. The Industry Excellence Awards, organised by the Ministry of International Trade & Industry (MITI), recognise and rewards organisations for organisational excellence including competitiveness, innovativeness, market presence and export performance. Winning the Prime Minister's Industry Excellence Award is a significant milestone and an honour for APIU as a leader in higher education. The award truly reflects our commitment and focus on quality, innovation, graduate employability and internationalisation.