



INNOVATING A
BETTER FUTURE
TOGETHER

IP COLLEGIUM MEETING & SEMINAR

6 November 2019

Tokyo

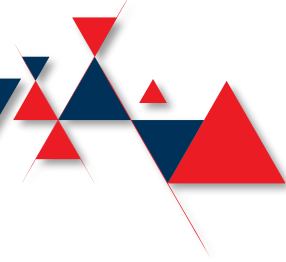
IP Education for Student Experience
of Malaysia



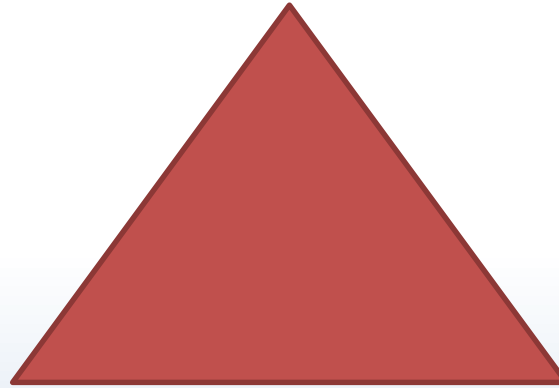
NATIONAL INTELLECTUAL PROPERTY POLICY (NIPP)

“POLICY STATEMENT”

- i) The main purpose of the NIPP is to ***harness IP as a new engine of growth*** for the enhancement of economic and social prosperity.
- ii) The NIPP focuses on ***maximizing the contribution of IP in accelerating the socio-economic and technological development*** through the creation of an environment that encourages continuous creation of IP.
- iii) The importance of IP to economic growth has long been recognized. In the current knowledge-based economy, IP is a valuable economic asset as well as a critical business tool that provides competitiveness. ***Managing and harnessing IP strategically is the gateway to enhance Malaysia’s long-term competitiveness*** in the Knowledge economy.



Create



Protection

Utilisation

IP EDUCATION	IP AWARENESS
<ul style="list-style-type: none">i) Systematicii) Syllabusiii) schedule	<ul style="list-style-type: none">i) Get to knowii) To understandiii) To attractiv) To implement

i) IP Programmes

[UKM] Bachelor of Laws

- Master of Intellectual Property
- Doctor of Philosophy (Ph.D) in Law

[UIA] Doctor of Philosophy (Ph.D) in Law

[UiTM] Bachelor of Laws

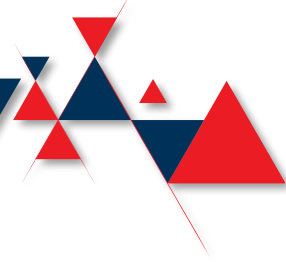
- Master of Intellectual Property Law
- Doctor of Philosophy (Ph.D) in Law

[UM] Bachelor of Laws

- Master of Commercial Law
(Copyright Laws, the Law
of Trademarks)

[Brickfields Aisa College] Certificate in Intellectual Property Law

[UOW Malaysia KDU] Bachelor of Business With Law (Hons)



ii) Innovation Programmes

- **Asia Pacific University of Technology & Innovation**
 - Innovation through the design of curriculum, the module content and the learning approaches
- **Nexus International School of Malaysia**
 - Recognised as an Apple Distinguished School as an innovative and compelling learning environment that engages students and provides tangible evidence of academic accomplishment

iii) Management (technology)

[UTM] Bachelor of Management (Technology)

- Competent in solving organizational problems related to management of technology
- engage in entrepreneurial activities and adapt to the global environment and societal needs

[UTHM] Bachelor of Technology Management with Honours

- Integrate applications of management and technology in the working environment

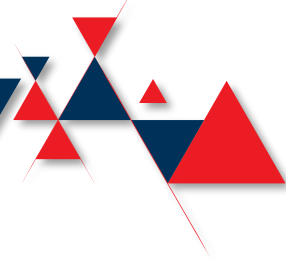
[UUM] Bachelor of Technology Management

- The curriculum provides a solid business and technology core that includes an extensive background in the functional areas of marketing, technology, economics and management



iv) Invention (Rekacipta) Curriculum in schools

- Over **200** schools across the country
- Students to create a product which combines novelty and commercial value & to developing skills of creativity and problem-solving
- Elements of 'Invention' are added as a new topic to the 'Living Skills' subject (years 4 to 9), the full subject is offered as an elective at upper secondary school (years 10 and 11)
- Invention syllabus consists of five major topics: 'Making invention projects', 'Computer-aided design', 'Marketing strategies', 'Intellectual property', 'Documentation of invention', 'Design' and 'Manufacturing technology'.
- Each student is required to invent a product (utilizing his or her creativity) & produce an accompanying folio which represents systematically documented evidence of the individual's project work



iv) Invention (Rekacipta) Curriculum in schools

Issues & Problems

- 1) **Teacher professional development** - Requires teachers to be versatile in many areas of knowledge and skills, intensive training is essential.
- 2) **Facilities** - Not all school workshops are sufficiently equipped with proper machines and tools. There are also cases where computer laboratories are not adequately supplied with computers and CAD software
- 3) **Career prospects** - Students to pursue related courses at tertiary level are rather limited

Student Attachment Programme To Local Industry

The linkage of teaching and learning at school with industrial experience exposes these students to various problem-solving situations, social interactions, entrepreneurial practices and early preparation for the world of work



v) Innovation - Competitions

InnoPLEn
Innovation product launching and entrepreneurship

27-28 MAC 2019
POLITEKNIK SULTAN HAJI AHMAD SHAH

50th Anniversary
RM 200

AKTIVITI KNOVASI P&P ke-4 2018

PERTANDINGAN INOVASI P&P
Tarikh Tetap Penyelenggaraan

31 DISEMBER 2017

3 KATEGORI

YURAN RM500
Dahulu RM700

PIP 2019
PERTANDINGAN INOVASI PEMBELAJARAN PERINGKAT ANTARABANGSA

30 - 31 JULAI 2019
8.00PT - 4.00PT

17 - 18 JANUARI 2018

k-novasi
PENGANTARAN & PEMBELAJARAN

PINDHEKAM 4.0: GRADUAN KAITI MASA DEPAN
Ekskavator 4.0: Future Proof Graduates

INATEX 2016
15th INDUSTRIAL ART & TECHNOLOGY EXHIBITION

Elevating Communities Through Innovative R&D

Pertandingan Recapita/Inovasi (Kategori Terbuka)

- Pertandingan recapita/Inovasi ini terbuka kepada Warganegara Malaysia sahaja.
- Terbuka kepada pelajar universiti awam/awasta/politeknik/kolej komuniti di Malaysia.
- Yuran Penyerahan RM750.00 (bagi setiap produk
- Borang ini hendaklah dikembalikan selawat lewatnya pada 20 September 2016, JAM 5.00 PETANG

Yuran RM750

Maklumat Lanjut dan borang pendaftaran layari www.rmc.utm.my/inatex

JOM SERTAI ANUGERAH INOVASI NEGERI SELANGOR
 Tarikh tutup penyertaan: **31 Mei 2019**

MENANGI HADIAH wang tunai RM 5,000.00 setiap kategori*

LAYARI : www.selangor.gov.my

Kategori Sektor Awam
 Kategori Sektor Swasta
 Kategori Akar Umbi
 Kategori Sekolah
 Kategori Inovasi Pegawai Tinggi (IPT)
 Anugerah Khas Produk Akhir Terbaik*



PRISM'19
 Satu Inovasi Untuk Bersempadanipgkpa.edu.my

PERTANDINGAN INOVASI DARULAMAN PERINGKAT KEBANGSAAN
22 - 23 JULAI 2019

Pemantapan Inovasi Dalam Era Revolusi Industri 4.0

Tarikh-tarikh Penting:
 • Tutup TUTUP penyertaan: JUN 2019
 • Masa Penamaan Bilik: 17 JUN 2019
 • Tarikh akhir pendaftaran: 20 JUN 2019

Tempat: Institut Pendidikan Guru Kampus Darulaman, Jalan Pempang Darulaman, Dengan Kajang.
 Bilik Pendaftaran: Sesi Pendaftaran: 011-59111111
 E-mel: icid@ipgpa.edu.my
 Dr. Mohd Ridwan Yusoff: 019-5913112
ipgpa.edu.my

hackathon DATA TERBUKA 2019
 Innovation For Well-Being

<https://hackathon.data.gov.my>

TERBUKA 6 SEPTEMBER 2019

TERBUKA PERTANDINGAN
 3 - 12 September 2019 (Sesuai Dalam, Tabung) 10 Hari

SEKSI PERKALANGAN
 13 - 19 September 2019 (MAMPU Cyberjaya)

SESI PERKALANGAN
 24 September 2019 (MAMPU Cyberjaya)

HADIAH PEMENANG KATEGORI

SEKTOR	JAWA
1 - RM 10,000	1 - RM 10,000
2 - RM 7,500	2 - RM 7,500
3 - RM 5,000	3 - RM 5,000
4 - RM 2,500	4 - RM 2,500
5 - RM 1,500	5 - RM 1,500

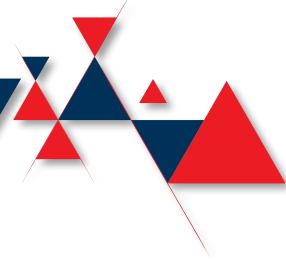
PERTANDINGAN DAN PAMERAN "KAJIAN TINDAKAN KE ARAH INOVASI" KMM TAHUN 2019

1 MAC 2019
 JUMAAT
 9.00 PAGI
 BILIK BENDAHARA, KMM

Juri Jemputan

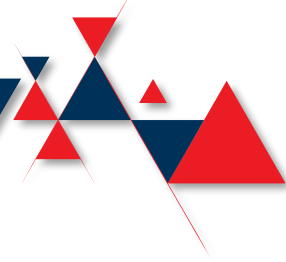
JAWATANKUASA CAE R&D KMM

Hadiah
 Sijil Pencapaian Emas
 Sijil Pencapaian Perak
 Sijil Pencapaian Gangsa



vi) Innovation - Award

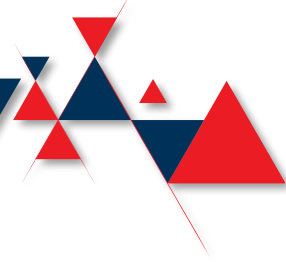
- National IP Award 2019- by MyIPO
 - The Global IP Award
 - National Innovation Award- by MASTIC
 - Invention & Innovation Award 2020
 - Asian Youth Innovation Award
 - Social Innovation Award
 - ITEX Invention & Design Competition Award
 - ITEX Malaysia Innovation Product Award
 - World Young Inventors Exhibition Award
 - 2019 Malaysia Enterprise Innovation Award
 - SME Innovation Award
 - Sustainable Innovation Award- by IGEM 2019
- by Malaysia Technology Expo 2020
- by ITEX
- by SME Corporation



vii) Entrepreneur Skills

Entrepreneur skill curriculum in universities

- The entrepreneurship study should begin at primary school level. This is for the purpose of exposing the students to entrepreneurship at a very young age.
- Should be continued in secondary level where the learning process will cover the basic steps to start and enter the entrepreneurs' world.
- Its activities, may range from classroom learning to distance learning, succession planning, knowledge management, strategic hiring as well as other possible activities.
- The impact of research university focus, creativity and innovative roles on entrepreneurial activities and their significant implications towards the performance of the leaders



vii) Entrepreneur Skills

Students in Free Enterprise (SIFE) program in Malaysia

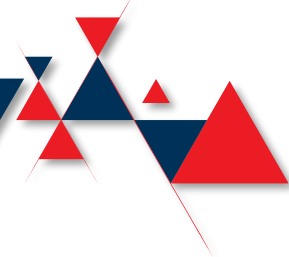
- Aims to encourage economic and social activities among undergraduates, thereby simultaneously upgrading the economic and social status of a local community.
- Formed good collaboration with business leaders and higher education institutions to mobilize university students in the effort to make a difference in the community.
- In their respective university campuses, students who participate in this program will harness the concept of social entrepreneurship in developing projects that will improve the poor's quality of lives and standard of living
- Innovation refers to the degree of innovation showed by students in presenting and applying creative solutions and tapping social entrepreneurship opportunities in their community



i) Outreach Programmes

[MyIPO] Allocation of funding for activities

- IPTC funding of IP trainings, seminars, talks & etc all over Malaysia in different language
- Separate funding for the National Intellectual Property Day (RM2.5 million)
- Funding for PRO RM3 million
- Offer grant for IP filing
- Support activities for SMEs - Powering the SMEs seminar funded by ECAP



ii) Funds & Grants by the Government

Name of Fund	Ministry	Agency	Phase
Bioeconomy Transformation Programme (BTP)	Ministry of Energy, Science, Technology, Environment & Climate Change (MESTECC)	Malaysian Biotechnology Corporation (MBC)	Commercialisation
Biotechnology Commercialisation Fund (BCF)			
Business Growth Fund (BGF)		Malaysian Technology Development Corporation Sdn Bhd (MTDC)	
Business Start-Up Fund (BSF)			
Commercialisation of Research & Development Fund (CRDF)			
Pre-Commercialisation Fund (InnoFund)		Bahagian Perancangan MESTECC	Pre-Commercialisation
Pre-Commercialisation Fund (TechnoFund)			Applied R&D
Science Fund			

Cradle Investment Program Catalyst (CIP 500) – Seed	Ministry of Finance (MOF)	Cradle Fund Sdn Bhd (Cradle)	Commercialisation
Cradle Investment Program Catalyst (CIP Catalyst) – Pre-Seed			Pre-Commercialisation
Cradle Seed Venture Fund 1 (CF1)			
Creative Industry Development Fund (CIDF-SKMM)	Ministry of Communications and Multimedia (KKMM)	Suruhanjaya CommunicAsia dan Multimedia Malaysia (SKMM)	Applied R&D
Product Development & Commercialisation (PCF)		Malaysia Digital Economy Corporation (MDEC)	Pre-Commercialisation
Exploratory Research Grant Scheme (ERGS)	Ministry of Education (MOE)	Bahagian Perancangan MOE	Basic Research
Fundamental Research Grant Scheme (FRGS)			
Long Term Research Grant Scheme (LRGS)			
Prototype Development Grant Scheme (PRGS)			Applied R&D



SUPPORT ACTIVITIES



iii) Fund & Grant Provider



Halal Industry
Development Corporation



Perniagaan. Kemajuan. Untuk selamanya.

- + Young Entrepreneurs Fund
- + Graduate Entrepreneur Fund

THANK YOU



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Innovating A Better Future Together