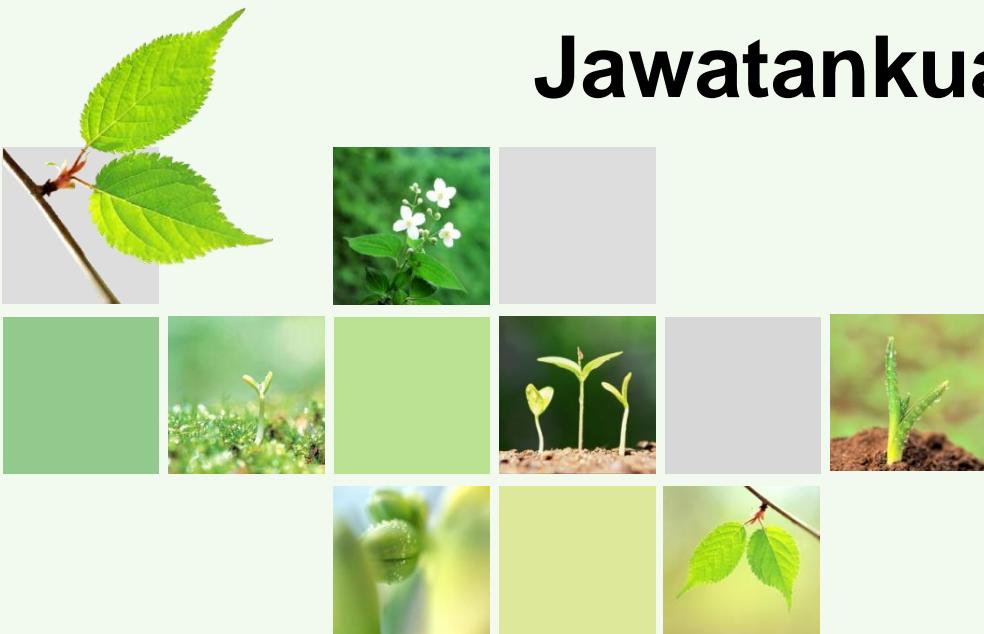




Mesyuarat Jawatankuasa Penasihat Industri 2019

24/10/19





Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU



1 Ucapan aluan pengarah PBU.

2 Pengesahan minit yang lepas.

3 Taklimat Ringkas PBU

4 Laporan Kebolehpasaran

5 Kolaborasi PBU dengan Industri

Mesyuarat JK Penasihat Industri



Muat turun dokumen



1. Minit mesyuarat 2017
2. Maklumbalas Mesyuarat 2017.
3. Agenda Mesyuarat & Senarai Kehadiran.
4. Peraturan peminjaman buku.
5. Slide mesyuarat.
6. Dan lain lain

- <https://github.com/pbulim/IAC2019>

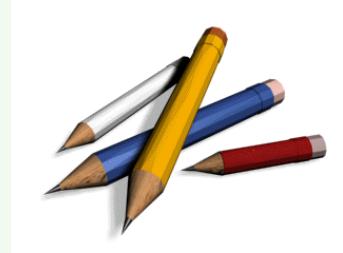


1.0 Kata Aluan



Ucapan Aluan Pengarah PBU

- i) Sesi pengenalan AJK baru dan lama.
- ii) Pembubaran AJK mesyuarat yang lepas.
- iii) Perlantikan AJK mesyuarat baru.
- iv) Watikah Perlantikan dari JPPKK.
- v) Perlantikan pengurusi sementara.





Industry Advisory Board PBU 2019

Industry Advisory Board (13) :



Mesiniaga



Academic Partner (3) :





1.0 Kata Aluan

Ucapan Aluan Pengarah

i) Sesi pengenalan ahli baru dan lama.

| | | | |
|----|----------------------------------|--|---|
| 1 | En. Mohd Fadzil Mohamed Ali | Pengarah Urusan, Safis Solutions Sdn Bhd |  Safis Solution |
| 2 | En. Chou Terk Chuan | Pengurus, Kejuruteraan Sistem, Bahagian Utara, Mutiara Mesiniaga, Mesiniaga Berhad. |  Mesiniaga |
| 3. | Cik Lo Tse-Yi | Solutions Consultant, Mutiara Mesiniaga, Mesiniaga Berhad. |  Mesiniaga |
| 4 | En. Ahmad Zaierif bin Mohd Yusof | Pengarah Program, Kumpulan Inovasi Sosial, Cisco System (Malaysia)Sdn. Bhd. |  CISCO |
| 5 | En. Mohd Rujhan bin Mohd Taha | Pengarah Jualan, Teralogic Solutions Sdn. Bhd. |  TeraLogic |



1.0 Kata Aluan

Ucapan Aluan Pengarah

i) Sesi pengenalan ahli baru dan lama.

| | | |
|----|--|---|
| 6 | En. Mohd Rizal Ibrahim bin Mohd Sultan | IT Network Manager, Intel Malaysia. |
| 7 | Dr. Yeap Gik Hong | Dekan, Fakulti Kejuruteraan, Pengkomputeran&Pembinaan Alam Sekitar, Kolej KDU P.Pinang . |
| 8 | Cik Diana Teoh Choon Hooi, | Program Manager, Industry Technical Collaboration, Penang Skills Development Center (PSDC) . |
| 9 | En. Azmar Hisham bin Mohd Basri | Pengurus, Talent & Digital Entrepreneurships, MDEC . |
| 10 | Dr. Anuar bin Hassan | Penasihat, Cisco Networking Academy . |





1.0 Kata Aluan

Ucapan Aluan Pengarah

i) Sesi pengenalan ahli baru dan lama.

| | | |
|----|--|--|
| 11 | En. Noorazidi Bin Che Azib | Deputy Vice President, Inari Technologies Sdn Bhd. |
| 12 | En. Mohd Daniel bin Mohd Noh | Pengarah, Sophic Automation Sdn. Bhd. |
| 13 | En. Ober Choo Sui Hong | Co-founder & Chief Technology Officer, Cytron Technologies Sdn Bhd. |
| 14 | Sr Haji Shalehuddin Bin Haji Hashim | Ketua Bahagian Keselamatan, Jabatan Pengurusan Perkhidmatan, Majlis Bandaraya P.Pinang |



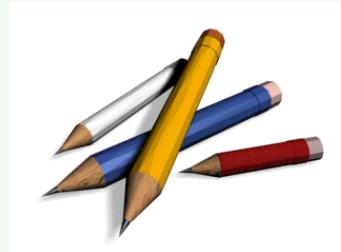


1.0 Kata Aluan



Ucapan Aluan Pengarah PBU

- i) Sesi pengenalan AJK baru dan lama.
- ii) Pembubaran AJK mesyuarat yang lepas.
- iii) Perlantikan AJK mesyuarat baru.
- iv) Watikah Perlantikan dari JPPKK.
- v) Perlantikan pengerusi sementara
- vi) Perlantikan pengerusi baru.
- vii) Perlantikan timbalan pegerusi baru.



Mesyuarat JK Penasihat Industri PBU 2019



Penyampaian Watikah Perlantikan Ahli Jawatankuasa Penasihat Industri Politeknik Balik Pulau

2019 - 2021

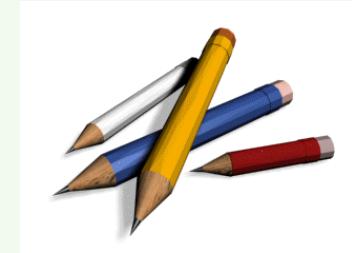




1.0 Kata Aluan

Agenda Mesyuarat :

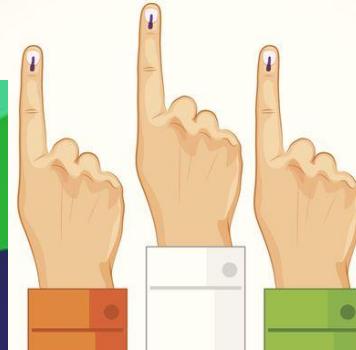
- i) Sesi pengenalan AJK baru dan lama.
- ii) Pembubaran AJK mesyuarat yang lepas.
- iii) Perlantikan AJK mesyuarat baru.
- iv) Watikah Perlantikan dari JPPKK.
- v) **Perlantikan pengerusi sementara.**
- vi) **Perlantikan pengerusi baru.**
- vii) **Perlantikan timbalan pegerusi baru.**



1.0 Kata Aluan



Perlantikan Pengerusi & Timbalan Pengerusi baru.



1.0 Kata Aluan



Congratulations!

Tahniah !

Pengerusi & Timbalan Pengerusi baru

Mesyuarat Jawatankuasa

Penasihat Industri Politeknik Balik Pulau

2019-2021





Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU

1

Ucapan aluan pengarah PBU.



2

Pengesahan minit yang lepas.

3

Taklimat Ringkas PBU

4

Laporan Kebolehpasaran

5

Kolaborasi PBU dengan Industri





2.0 Pengesahan minit yang lepas

i) Sila rujuk Maklumbalas minit yang disediakan.



| BIL | PERKARA DAN KEPUTUSAN | TINDAKAN | MAKLUMBALAS TINDAKAN | Status |
|------|---|------------------------------|---|---------|
| 4.1 | KEBOLEHPASARAN GRADUAN | | | |
| 4.11 | <p>En. Mohd Rujhan juga mengutarkan kelemahan pelajar politeknik yang boleh diperkemaskan lagi dari aspek jaringan iaitu berkaitan pemasangan kabel, switching layer 3 dan fiber teknologi seperti fiber termination dan fiber testing. Fiber teknologi adalah sangat penting kerana ia adalah asas kepada pelbagai teknologi sekarang.</p> | <p>Tindakan PBU (KP DNS)</p> | <p>Program DNS mula menawarkan kursus DFN4033 Fibre Optic Communication System kepada pelajar-pelajar Cluster Networking mulai Sesi Jun 2018. Pelajar menjalankan amali praktikal dengan menumpang makmal elektrik di PSP buat sementara waktu. PBU telah memohon pembelian peralatan Fibre Optic melalui Tender Fasa 2.</p> <p>Mengenai kemahiran rangkaian pula, pensyarah PBU sentiasa diberi peluang bagi menghadiri Kursus Upskilling.</p> | Selesai |





2.0 Pengesahan minit yang lepas

i) Sila rujuk Maklumbalas minit yang disediakan.



| BIL | PERKARA DAN KEPUTUSAN | TINDAKAN | MAKLUMBALAS TINDAKAN | Status |
|------|--|-------------------------------|--|---------|
| 4.1 | KEBOLEHPASARAN GRADUAN | | | |
| 4.12 | <p>En . Rujhan turut mencadangkan supaya pelajar PBU didedahkan dengan projek-projek inovasi berteraskan IOT. Contohnya The Makers Exhibition dalam Penang International Science Fair (PISF) 2017 yang baru sahaja tamat dan diadakan di SPICE Area berdekatan dengan PBU.</p> | <p>Tindakan PBU (KJ JTMK)</p> | <p>a) PBU telah menghantar 1 kumpulan dalam pameran Inovasi berkonsepkan IOTs The Makers pada PISF 2018. INSENGER (Intelligent Sensor Hanger with Raspberry Pi) yg telah memenangi voting The Makers Awards “Most Creative Project” di karnival Penang International Science Fair 2018 berlangsung pada 10 dan 11 November 2018.</p> | selesai |
| | | | | |





2.0 Pengesahan minit yang lepas

i) Sila rujuk Maklumbalas minit yang disediakan.



| BIL | PERKARA DAN KEPUTUSAN | TINDAKAN | MAKLUMBALAS TINDAKAN | Status |
|------|--|-------------------------------|---|---------|
| 4.1 | KEBOLEHPASARAN GRADUAN | | | |
| 4.12 | <p>En . Rujhan turut mencadangkan supaya pelajar PBU didedahkan dengan projek-projek inovasi berteraskan IOT. Contohnya The Makers Exhibition dalam Penang International Science Fair (PISF) 2017 yang baru sahaja tamat dan diadakan di SPICE Area berdekatan dengan PBU.</p> | <p>Tindakan PBU (KJ JTMK)</p> | <p>b) Kursus Teknikal IOT turut diberikan kepada pelajar yang berminat di bawah :</p> <ul style="list-style-type: none"> i. The Makers Club yang berlangsung pada Ogos – Setember 2018 setiap Sabtu (Program Inkubator keusahawanan) ii. Kursus Wearables IOTs selama 3 Siri pada April dan Mei 2019, dan Kelas Teknikal IOTs sepanjang 6 siri bermula Ogos – Oktober 2019, setiap sabtu | selesai |



2.0 Pengesahan minit yang lepas

- i) Sila rujuk Maklumbalas minit yang disediakan.



| BIL | PERKARA DAN KEPUTUSAN | TINDAKAN | MAKLUMBALAS TINDAKAN | Status |
|------|--|------------------------|---|---------|
| 4.1 | KEBOLEHPASARAN GRADUAN | | | |
| 4.13 | En.Rujhan juga mencadangkan supaya PBU menggilap bakat pelajar dengan pendedahan awal seperti pertandingan Hackhaton . Pertandingan ini biasanya menguji kemahiran pembangunan projek perisian dan integrasi pengetahuan dalam bidang IT (Rangkaian, Rekabentuk Sistem, Pengkalan Data, Pengaturcaraan Aplikasi Mobil dan lain-lain) | Tindakan PBU (KJ JTMK) | <p>Pasukan PBU telah menghantar 2 pasukan pelajar dari Kelab The Makers dan 1 pasukan terdiri daripada alumni PBU dan staf PBU di Pertandingan 24 Jam Hackathon Data Terbuka Pulau Pinang pada 29-30 September 2019 anjuran Pejabat Setiausaha Kerajaan P. Pinang. 1 pasukan PBU mendapat top 5 dalam 20 kumpulan yang bertanding.</p> | selesai |
| | | | | |



2.0 Pengesahan minit yang lepas

i) Sila rujuk Maklumbalas minit yang disediakan.



| BIL | PERKARA DAN KEPUTUSAN | TINDAKAN | MAKLUMBALAS TINDAKAN | Status |
|-----|---|---------------------------------|-------------------------------|---------|
| 5.0 | INTERNSHIP WORK BASED LEARNING & KOLABORASI DENGAN INDUSTRI | | | |
| 5.7 | En.Azhar memaklumkan pihak industry perlu melihat silibus dan bersedia untuk program WBL terlebih dahulu. Mohan pihak PBU memaklumkan kepada industri apabila program ini akan dilaksanakan dan silibus yang berkenaan. | Tindakan PBU (Pegawai LI) | Program WBL telah dibatalkan. | selesai |
| | | | | |



Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU

1 Ucapan aluan pengarah PBU.

2 Pengesahan minit yang lepas.

→ 3 Taklimat Ringkas PBU



4 Laporan Kebolehpasaran

5 Kolaborasi PBU dengan Industri



3.0 Taklimat Ringkas PBU

Politeknik Balik Pulau

Politeknik ke-21 di Malaysia



Preferred
Digital Tech
Polytechnic™

Dibangunkan : 2007

Mula beroperasi : 2007

Kampus baharu : 2013

Kapasiti rekabentuk : 2000 pelajar



Politeknik Balik Pulau History (2007-present)

Phase

1



February 2007 :
**Politeknik Seberang
Perai**
(temporary location)

Phase

2



October 2007:
**(transit campus) Ideal
Avenue**

Phase

3



October 2013 - Present:
Balik Pulau

The 21st polytechnic in Malaysia



Balik Pulau Campus: 2013

Size: 81.8 acres

Development costs: RM99.8 Million

Cost of equipment: RM30 Million

Capacity: 2000 Students



Bird's-Eye View of PBU





Infrastructure in PBU



LIBRARY



ACADEMIC BLOCK



ADMINISTRATION BLOCK



MULTIPURPOSE HALL



ISLAMIC CENTRE



HOSTELS





3.0 Taklimat Ringkas PBU

Dewan Kuliah

- **1 Dewan Kuliah Utama (300 orang)**
- **2 Dewan Kuliah Mini (150 orang)**
- **12 Bilik Kuliah (40 orang)**
- **4 Technology Enabled Classroom**





3.0 Taklimat Ringkas PBU

DEWAN SERBAGUNA

Dewan Serbaguna mampu memuatkan sehingga 1500 orang dalam suatu masa.





3.0 Taklimat Ringkas PBU

Perpustakaan





T&L Laboratories

- Hypermedia Lab : 2
- Computer System & Digital Lab : 3
- Application & Development Lab : 3
- Information & Technology Lab : 2
- Communication & Networking Lab : 1
- **Cisco Certified Networking Academy Lab : 2**
- Project Lab : 2
- Structural Cabling Lab : 2



3.0 Taklimat Ringkas PBU



Unit Sukan, Kokurikulum & Kebudayaan



Vision & Mission



Vision
To be the leading-edge TVET
institution

- Mission**
- 01** To provide wide access to quality and recognized TVET programmes
 - 02** To empower communities through lifelong learning
 - 03** To develop holistic, entrepreneurial and balanced graduates
 - 04** To capitalise on smart partnership with stakeholder



Programme Offered

Duration of
Study: **2.5**
years

7 semesters
including
short

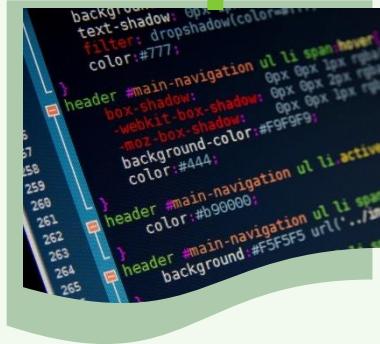
Industrial
attachment
at the last
semester

Diploma In Information Technology (Digital Technology), DDT

Track



Networking System



**Software & Application
Development**





PBU Students and Graduates

Total Number
of Students
In campus :



Total Number of Graduate :

| CONVOCATION YEAR | NO. OF GRADUATES |
|---------------------|---------------------|
| 2009 | 27 |
| 2012 | 105 |
| 2013 | 123 |
| 2014 | 38 |
| 2015 | 103 |
| 2016 | 80 |
| 2017 | 199 |
| 2018 | 356 |
| 2019 | <u>431</u> |

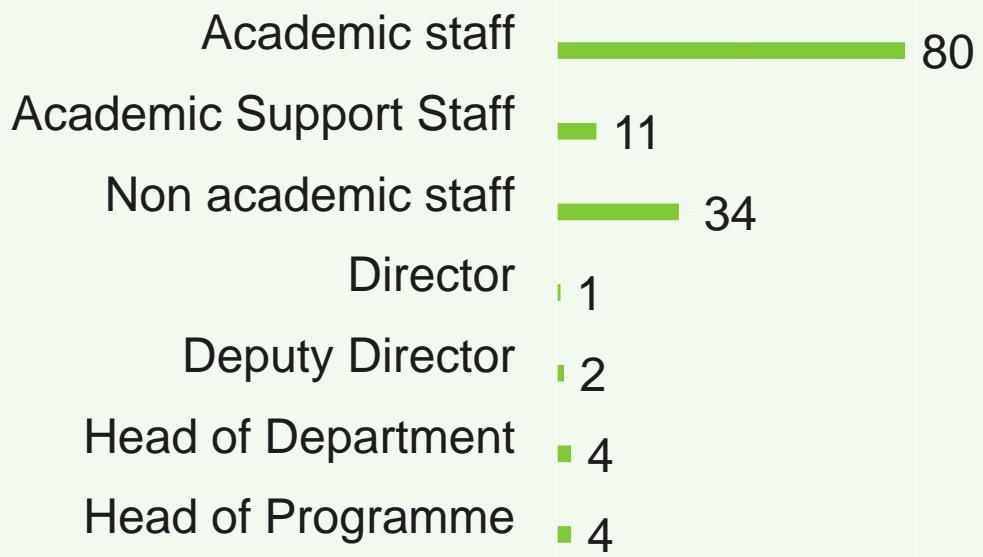


Total :
1462

Staf of PBU



Number of staff



136 Staff

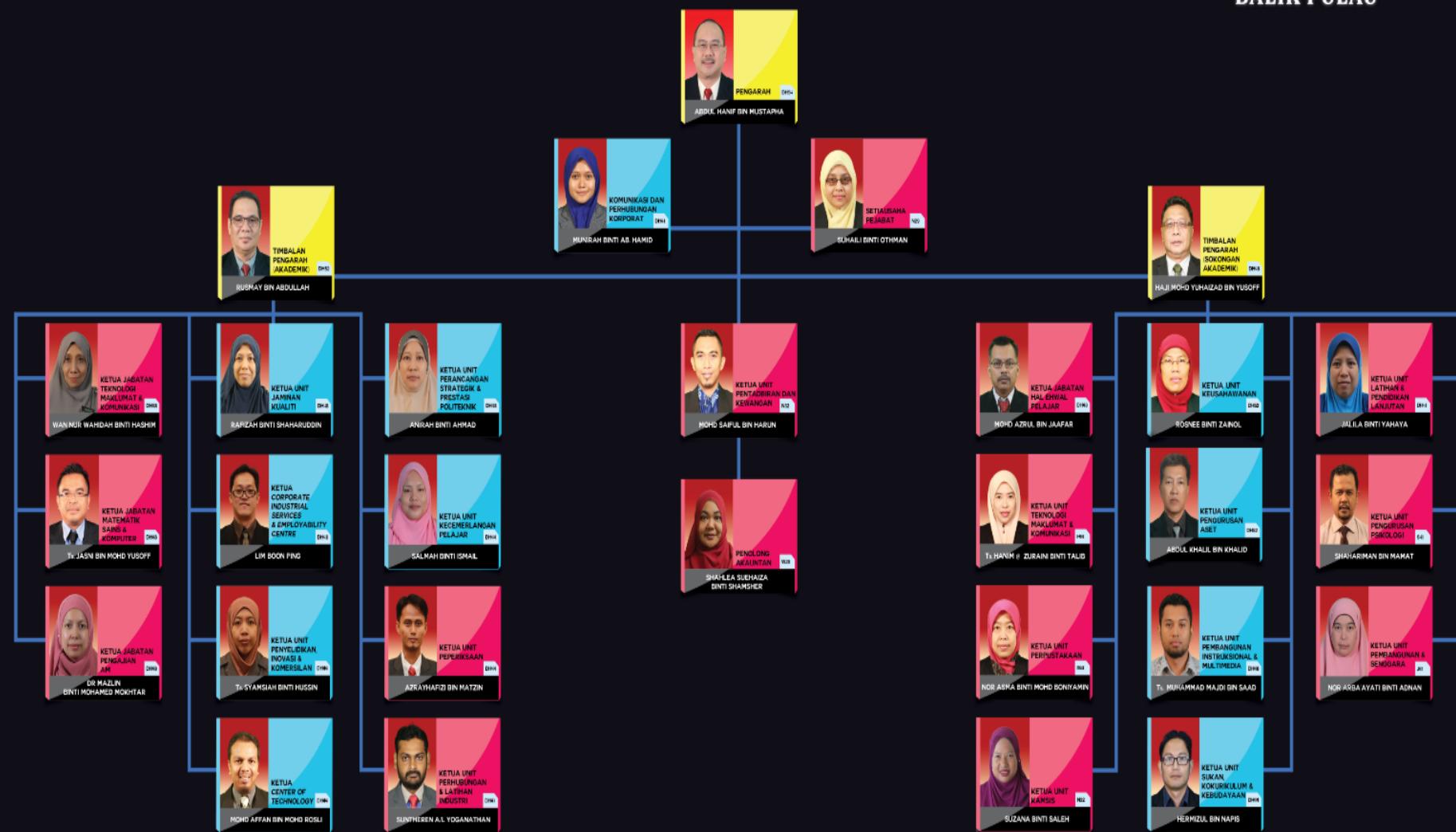
PhD
3

Master
30



3.1 Struktur Organisasi PBU 2019

(Corporate Industrial Services & Employability Centre)



3.1 Struktur Organisasi CISEC 2019



Corporate Industrial Services & Employability Centre (CISEC)





3.0 Taklimat Ringkas PBU

3.3 Pencapaian PBU 2019



Anugerah Premier Digital Tech Polytechnic - Oleh MDEC

- Ia diadakan bertujuan untuk memberi pengiktirafan dan penghargaan terhadap institusi TVET di Malaysia yang menunjukkan **kecemerlangan dalam pelaksanaan dan penggunaan secara berkesan teknologi maklumat dan komunikasi (ICT)**.
- Ianya memfokus kepada Politeknik yang **menawarkan program pengajian dalam bidang ICT**.



3.0 Taklimat Ringkas PBU

POLITEKNIK
MALAYSIA
BALIK PULAU



3.3 Pencapaian PBU 2019

- Research & Development

| Bil | Nama Staf | Tajuk Penyelidikan / Pembentangan / Projek Inovasi | Pencapaian |
|-----|------------------------------------|---|---|
| 1 | Ts. Jasni bin Mohd Yusof* | Data Transfer communication device (DTC Device) | 1. PIID UiTM (Pingat Perak) 2. I-RIA UUM (Pingat Emas dan Anugerah Khas MYRIS) |
| 2 | Muhammad Zulfaris bin Mohd Salleh* | | |
| 3 | Ts. Noorismawi Bin Yusop* | | |
| 4 | Tan Rhu Choon | | |
| 5 | Mohd Zaidil Adha bin Mat Hussin | Student Performance Prediction using Machine Learning | I-RIA UUM (Pingat Emas) IP Filing No.: LY2019002086 |
| 6 | Azrayhafizi bin Matzin | | |



3.0 Taklimat Ringkas PBU

POLITEKNIK
MALAYSIA
BALIK PULAU



3.3 Pencapaian PBU 2019

- Research & Development

| | | | |
|----|-----------------------------------|---|---|
| 7 | Nur Syuhada Binti Mohamad Rodzi* | <ul style="list-style-type: none"> 1. Security Snap Bell for Access Control (S2BAC) 1. An E-Learning System Playground for Teaching and Learning 2. Smart Navigation For Blind (smart Navi-B) | <ul style="list-style-type: none"> 1. i-ComPEX POLIMAS (pingat emas) 2. I-RIA UUM (pingat emas & perak) |
| 8 | Nur Atiqah Binti Daud | An E-Learning System Playground for Teaching and Learning | I-RIA UUM (pingat emas) |
| 9 | Muhamad Shukri Bin Ismail | | |
| 10 | Lailatul Aimi Binti Abdul Rahman* | <ul style="list-style-type: none"> 1. IntSenGer (Intelligent Sensor Hanger) | i-ComPEX POLIMAS (pingat emas) |



3.0 Taklimat Ringkas PBU




3.3 Pencapaian PBU 2019 - Research & Development

| Bil | Nama Staf | Tajuk Penyelidikan / Pembentangan / Projek Inovasi | Pencapaian |
|-----|---------------------------------|--|---|
| 1 | Vishnu A/L Kumar Nagendran | Mobile Apps for Learning: Exploring IT Undergraduates' Preference in Malaysia | Asia Multidisciplinary Conference, UTM. Bakal diterbitkan dalam SCOPUS index |
| 2 | Dr Mazlin binti Mohamed Mokhtar | Conception of Innovative Teaching Methodologies Among Lecturers at Selected Polytechnics in Malaysia | Creative Education Journal (ISSN Online: 2151-4771) Peringkat antarabangsa |
| 3 | Tan Rhu Choon | Data Storage And Management Services In Hadoop And MongoDB | E-proceeding Of The Beehive International Social Innovation Conference 2019 Isbn: 978-967-2229-52-0 |
| 4 | Tan Rhu Choon | i - Parking Lock System | "International Eureka Innovation Exhibition IP Filing No.: LY2019002849 |
| 5 | Mohd Razif bin Mustapha | Different Spatial Visualisation Ability In Learning Osi Layer Among Polytechnic Students Using Immersive Virtual Reality Environments | International Malaysian Educational Technology Convention (IMETC 2019). Malaysian Journal of Learning and Instruction (MJLI) |

3.0 Taklimat Ringkas PBU

3.3 Pencapaian PBU 2019



1150

Program Pengantarabangsaan **SEA-TVET STUDENT EXCHANGE**

- 4 Student from Indonesia Politeknik Negeri Padang&Politeknik Negeri Malang
 - Sat 19 Aug – Sun 14 Sept 2019



Southeast Asian
Ministers of Education
Organization



Out Bound :

- 4 Pelajar PBU to Indonesia
- 17/10/2019 hingga 12/11/2019
- Sangkutan Industri di Distinction on Technology(DOT), Malang & PT. Telkom Akses Padang



3.0 Taklimat Ringkas PBU



3.4 Tayangan Multimedia



Aktiviti Kolaborasi Industri PBU 2019





Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU

1 Ucapan aluan pengarah PBU.

2 Pengesahan minit yang lepas.

3 Taklimat Ringkas PBU



→ 4 Laporan Kebolehpasaran

5 Kolaborasi PBU dengan Industri

4.0 Graduate Employability



Graduate Tracer Study

SKPG Online System

- Sistem Kajian & Pengesahan Graduan (SKPG)
- Setiap tahun (30 Oct)

1L5G Online System (1 Lecturer 5 Graduate)

- Sehingga 31 Dis



LAMAN RASMI
KAJIAN PENGESANAN GRADUAN
Kementerian Pendidikan Malaysia
Pendidikan Tinggi

UTAMA PEKERJAAN PENERBITAN HUBUNGI KAMI

www.pbu.edu.my



Selamat Datang :: LIM BOON PING (Staf)
Tarikh Akhir Login Pada : 2019-03-20 15:35:36.583



Supporting SKPG



1L5G

4.0 Graduate Employability



Employability

SKPG



Concept

1L5G

Supporting SKPG

Tracer Study

On Going

31 Dis



Telegram

PENASIHAT AKADEMIK

E-GRADUAN **1L5G**



1L5G



LAMAN RASMI

KAJIAN PENGESANAN GRADUAN
Kementerian Pendidikan Malaysia
Pendidikan Tinggi

UTAMA

PEKERJAAN

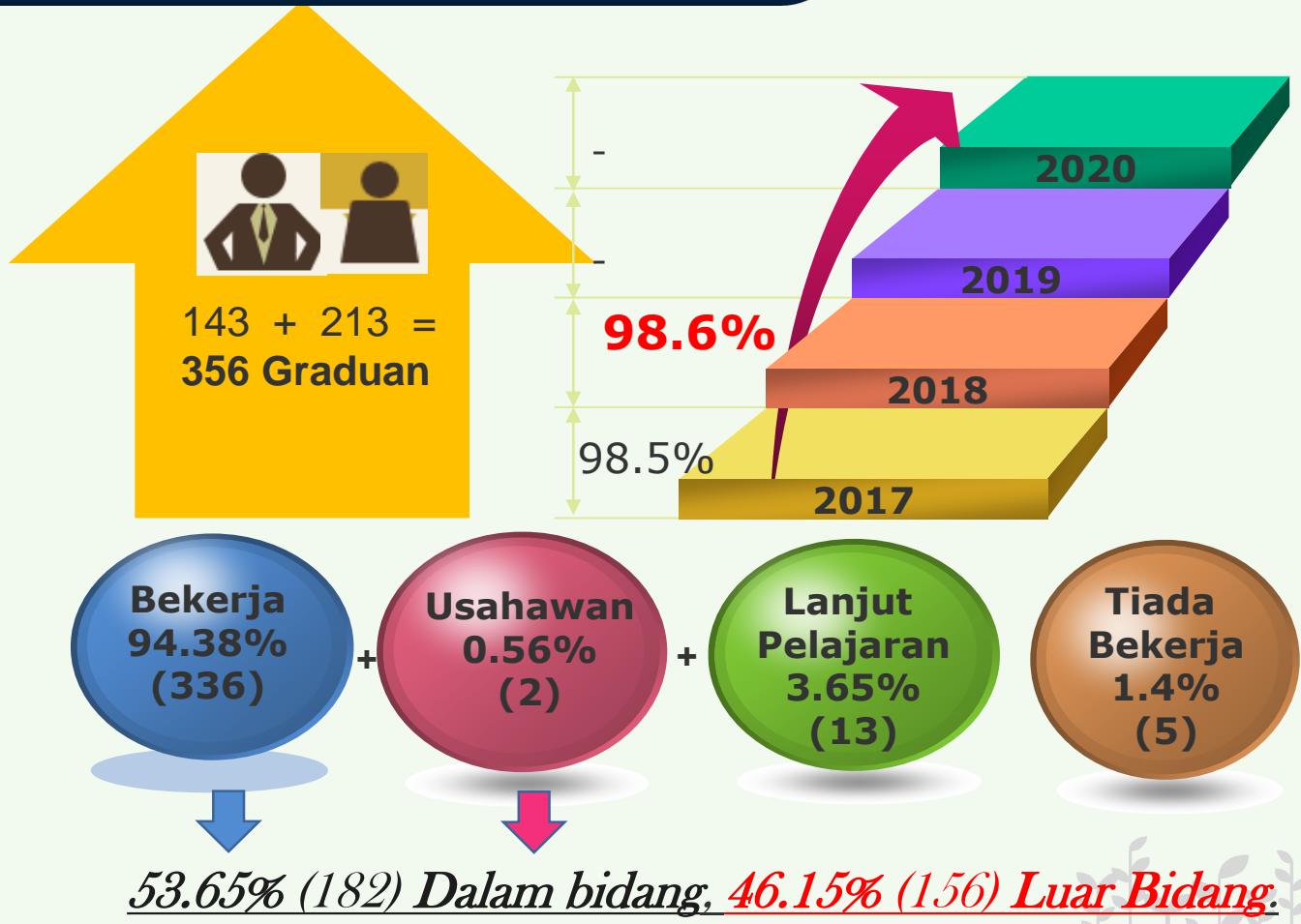
PENERBITAN

HUBUNGI KAMI



Corporate Industrial Services & Employability Centre

Graduate Employability 2018 = **98.6%**



1.0 Graduate Employability – SKPG 2018

BILANGAN GRADUAN BEKERJA MENGIKUT SEKTOR

EKONOMI

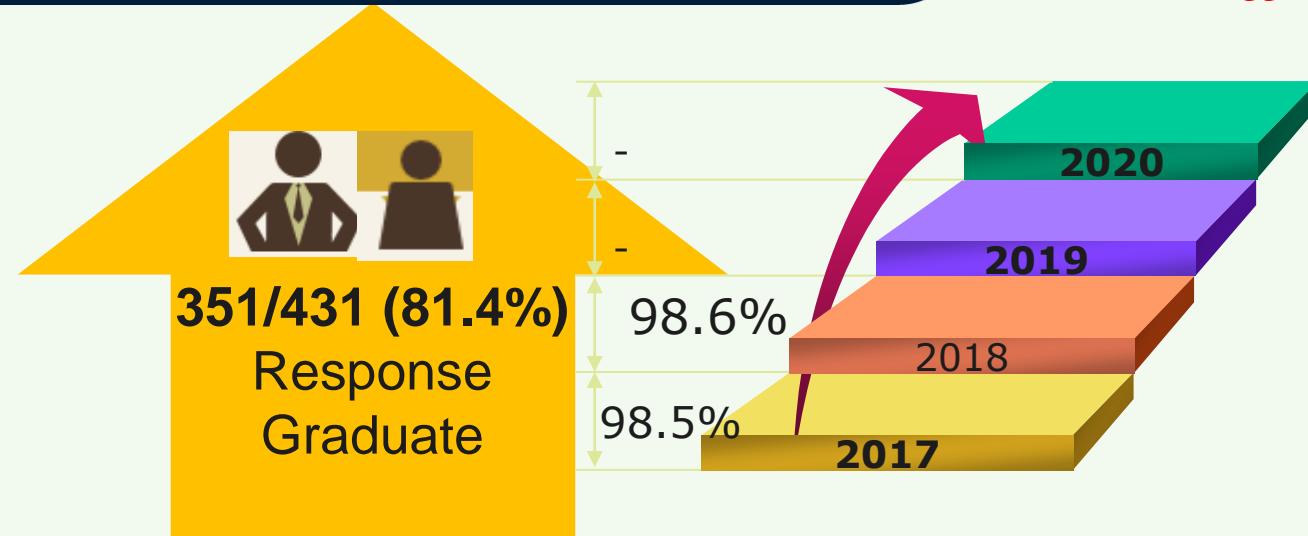




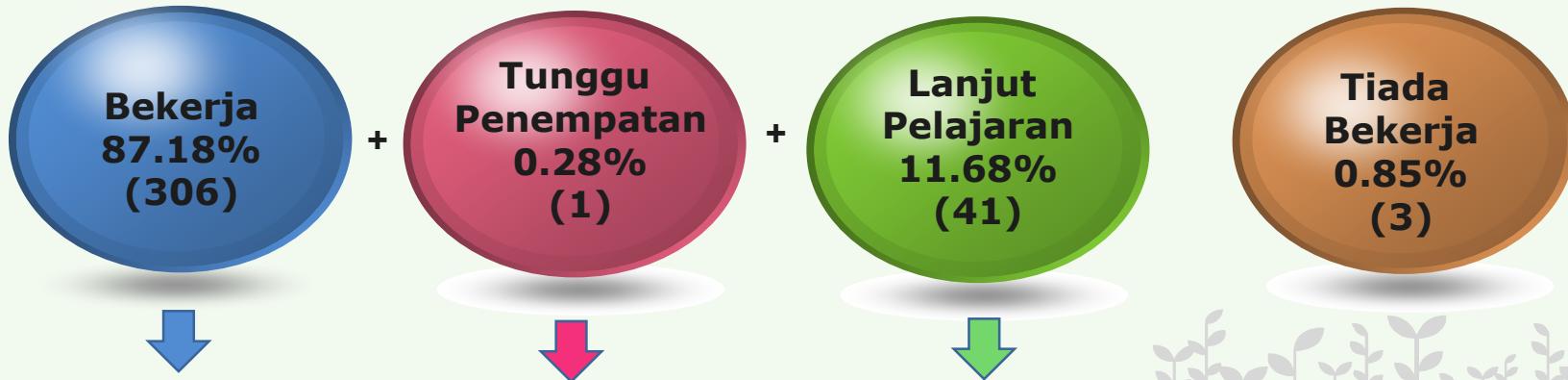
Corporate Industrial Services & Employability Centre

Graduate Employability 2019 = **99.2%**

Dibuka Sehingga 30 OCT 2019



351/431 (81.4%)
Response
Graduate





4.0 Employer Satisfaction Survey

MAKLUM BALAS DARI INDUSTRI 2018

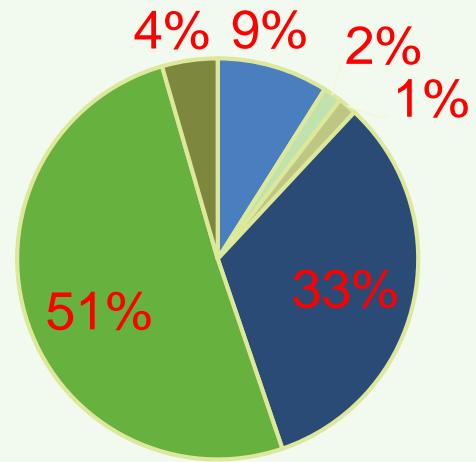
i. Organisasi

| Organisasi | Kekerapan |
|---------------|-----------|
| Swasta | 67 |
| Kerajaan | 0 |
| Jumlah | 67 |

ii. Bidang

| Industri | Fre | % |
|--------------------|-----------|-------------|
| Mekanikal | 0 | 0 |
| Elektrik | 6 | 9 |
| Awam | 1 | 1.5 |
| Petrokimia | 0 | 0 |
| Agro Teknologi | 1 | 1.5 |
| IT | 22 | 32.8 |
| Perdagangan | 34 | 50.7 |
| Pelancongan | 3 | 4.5 |
| Rekabentuk Visual | 0 | 0 |
| Jumlah | 67 | 100 |

Peratusan



- Elektrikal ■ Awam
- Agro ■ IT
- Perdagangan ■ Pelaongan



Corporate Industrial Services & Employability Centre

Employer Satisfaction Survey 2018

| Konstruk(2018) | Min | S.D |
|-------------------------|--------------|-------------|
| i) Kemahiran | 3.986 | 0.67 |
| ii) Pengetahuan | 3.987 | 0.61 |
| iii) Kemahiran Insaniah | 3.960 | 0.67 |
| Purata | 3.977 | 0.65 |

Intrepretasi Julat Min

| Kod Kumpulan | Julat | Tahap |
|--------------|-----------|-----------|
| 1 | 1.00-2.33 | Rendah |
| 2 | 2.34-3.67 | Sederhana |
| 3 | 3.68-5.00 | Tinggi |



Responden :
67 Industri





2.0 Employer Satisfaction Survey 2018

i) SKILL :

| Item | Soalan (Kemahiran) / (Skill) | Min | S.D |
|--------------------|--|-------------|-------------|
| I | Information management skills | 4.10 | .631 |
| II | Computer skills to process information | 4.03 | .627 |
| III | Skills in choosing equipment/technology | 4.07 | .611 |
| IV | Skills in creative and innovative thinking | 3.90 | .741 |
| V | Skills in decision making | 3.94 | .694 |
| VI | Skills in problem solving | 3.88 | .729 |
| KESELURUHAN | | 3.98 | 0.67 |

Intrepretasi Julat Min

| Kod Kumpulan | Julat | Tahap |
|--------------|-----------|-----------|
| 1 | 1.00-2.33 | Rendah |
| 2 | 2.34-3.67 | Sederhana |
| 3 | 3.68-5.00 | Tinggi |

Sumber : Wiersma (2000)



2.0 Employer Satisfaction Survey 2018



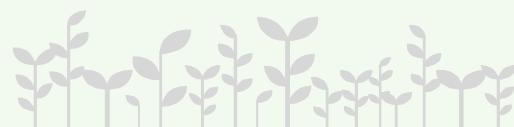
ii) TECHNICAL KNOWLEDGE :

| Item | Soalan (Pengetahuan)/ Knowledge | Min | S.P |
|--------------------|--|-------------|-------|
| i | Technical knowledge based on job requirement | 4.04 | .562 |
| ii | Knowledge on technology application | 3.94 | .625 |
| iii | Knowledge on information management | 3.97 | .651 |
| iv | Knowledge on job scope | 4.00 | .603 |
| KESELURUHAN | | 3.98 | 0.610 |

Intrepretasi Julat Min

| Kod Kumpulan | Julat | Tahap |
|--------------|-----------|-----------|
| 1 | 1.00-2.33 | Rendah |
| 2 | 2.34-3.67 | Sederhana |
| 3 | 3.68-5.00 | Tinggi |

Sumber : Wiersma (2000)



2.0 Employer Satisfaction Survey 2018



iii) SOFT SKILL :

| Item | Soalan (Kemahiran Insaniah)/ Soft Skill | Min | S.P |
|--------------------|---|-------------|------------|
| i | Discipline in work task | 4.18 | 0.626 |
| ii | Good communication skills | 4.15 | 0.68 |
| iii | Able to work in a team | 4.22 | 0.647 |
| iv | Proficient in English Language | 4.01 | 0.685 |
| v | Meticulous in task given | 3.90 | 0.677 |
| vi | Practise moral values | 4.03 | 0.696 |
| iv | Entrepreneurship skills | 4.16 | 0.665 |
| KESELURUHAN | | | 3.96 0.684 |

Interpretasi Julat Min

| Kod Kumpulan | Julat | Tahap |
|--------------|-----------|-----------|
| 1 | 1.00-2.33 | Rendah |
| 2 | 2.34-3.67 | Sederhana |
| 3 | 3.68-5.00 | Tinggi |

Sumber : Wiersma (2000)





Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU

1 Ucapan aluan pengarah PBU.

2 Pengesahan minit yang lepas.

3 Taklimat Ringkas PBU

4 Laporan Kebolehpasaran

→ 5 Kolaborasi PBU dengan Industri





5.0 Kolaborasi PBU dengan Industri

5.1 Kolaborasi Kepakaran Industri

5.1.1 Penilaian Projek Inovasi Pelajar Semi Dis 2018

- Setiap projek invosi pelajar dikehendaki berkolaborasi dengan satu syarikat.
- Program kerjasama ini melibatkan 39 kumpulan terbaik yang telah tersenarai pendek.



Panel penilai dari Mesiniaga Berhad

Mesiniaga

Sophic

| BIL | NAMA | SYARIKAT |
|-----|---|--------------------------|
| 1 | En. Mohd Daniel bin Mat Noh | Sophic Automation |
| 2 | Pn. Suzilawati binti Md Rodhi | Sophic Automation |
| 3 | Cik Nazreen Fatimah binti Dahir Hussain | Sophic Automation |
| 4 | Cik Izzati Zafirah binti Zulkipli | Sophic Automation |
| 5 | En. Chou Terk Chuan | Mesiniaga Berhad |
| 6 | En. Muhammad Amir Bin Alias | Mesiniaga Berhad |
| 7 | En. Mohd Rizal Ibrahim Bin Mohd Sultan | Intel Malaysia Sdn. Bhd. |



5.0 Kolaborasi PBU dengan Industri

5.1 Kolaborasi Kepakaran Industri

5.1.2 Penilaian Projek Inovasi Pelajar Semi Mei 2019 - 13 Jun 2019

- Setiap projek invosi pelajar dikehendaki berkolaborasi dengan satu syarikat.
- Program kerjasama ini melibatkan **12 kumpulan** terbaik yang telah tersenarai pendek.



Panel penilai dari Sophic Automation dan intel

5.0 Kolaborasi PBU dengan Industri

5.51 Kolaborasi Kepakaran Industri



5.1.3 Program Bersama Cytron Technologies



Program Bersiri :

- 1) Majlis menandatangani COC antara Cytron dengan PBU – 30 Jan 2019
- 2) Bengkel Mikropengawal kepada pelajar dan pensyarah JTMK PBU – 30 Jan 2019
- 3) RERO Annual Championship (RAC'19), Penang State Level, Robotics and Coding Competition – 23 /7/19
- 4) PROGRAM CSR UPK ROBOTIK YES – 7 Ogos 2019. .



Bengkel mikropengawal oleh Mr Ober Choo.

Majlis Menandatangani Sijil Kolaborasi antara Cytron dengan PBU..



5.0 Kolaborasi PBU dengan Industri

5.5 Kolaborasi Kepakaran Industri

5.5.3 Program Bersama Cytron Technologies

Program Bersiri :

- 1) Majlis menandatangani COC antara Cytron dengan PBU – 30 Jan 2019
- 2) Bengkel Mikropengawal kepada pelajar dan pensyarah JTMK PBU – 30 Jan 2019
- 3) RERO Annual Championship (RAC'19), Penang State Level, Robotics and Coding Competition – 23 /7/19
- 4) PROGRAM CSR UPK ROBOTIK YES – 7 Ogos 2019. .



Pensyarah Pbu sebagai pengadil RAC'19, Penang State Level.



PROGRAM CSR UPK ROBOTIK YES

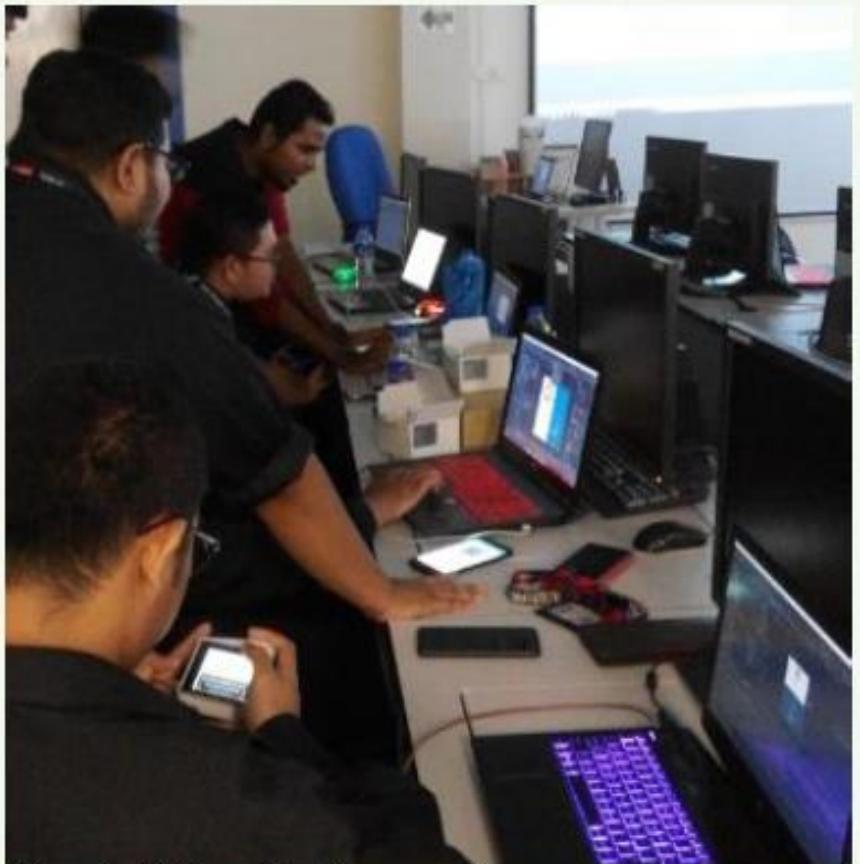


5.0 Kolaborasi PBU dengan Industri

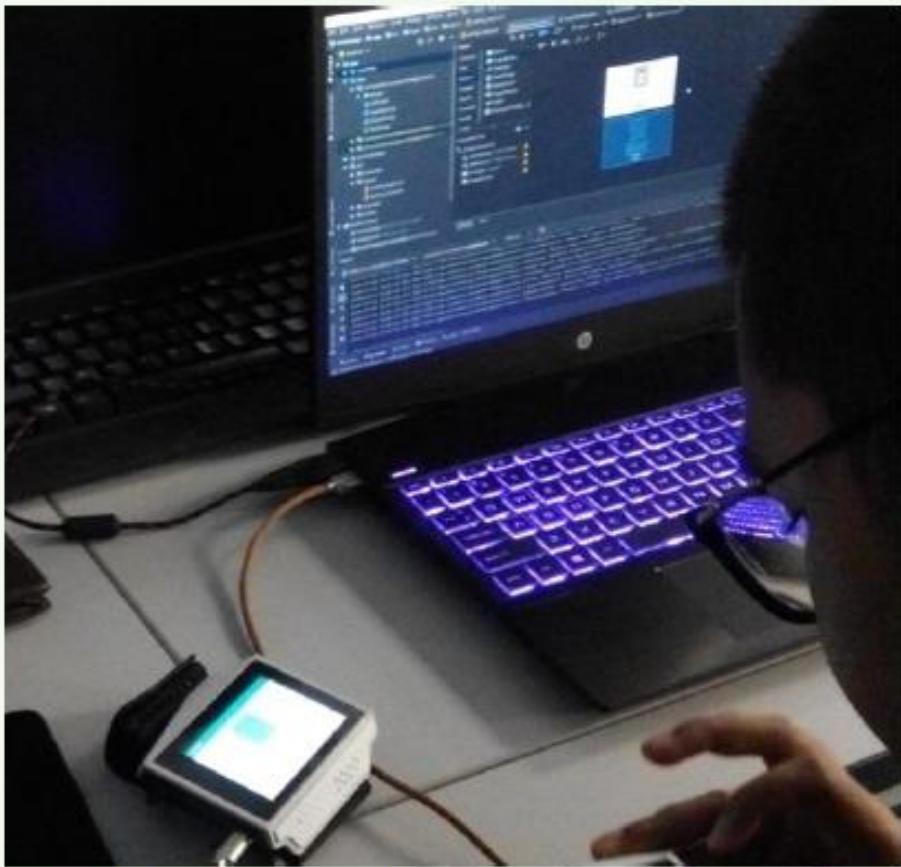
5.1 Kolaborasi Kepakaran Industri

5.1.5 Bengkel Wearable Programming oleh Sophic Automation

- Bengkel dijalankan pada 17-18 Julai 2019
- Melibatkan 12 pelajar semester akhir.



Bengkel Wearable Programming.



Android Mobile Programming



5.0 Kerjasama Industri

5.1 Kolaborasi Kepakaran Industri

5.1.6 Bengkel TVET 4.0 IOT Technical Prog Boot Camp oleh Sophic Automation

- Bengkel dijalankan pada 07 Sept 2019 – 19 Oct 2019, **setiap hari sabtu**
- Melibatkan 32 orang pelajar semester satu yang secara sukarela memberikan nama menyertai program ini.



Pelajar Semester 1 di dedahkan dengan Arduino dan Sensors menggunakan Arduino IDE language programming untuk memberikan asas microcontroller dan projek bercirikan IOT



5.0 Kolaborasi PBU dengan Industri

5.1 Kolaborasi Kepakaran Industri

5.1.7 PROGRAM PACKET TRACER TO REAL DEVICES - TRAIN THE TRAINER WORKSHOP oleh CISCO& MDEC.

- Merupakan salah satu program di bawah PREMIER PRIDE CHALLENGE 2019 (PPC 2019) oleh MDEC.
- Peserta terdiri daripada 30 pensyarah daripada 10 Politeknik Malaysia.
- 23 – 24 Julai 2019



Penerimaan sijil peserta bengkel dan disaksikan oleh MDEC



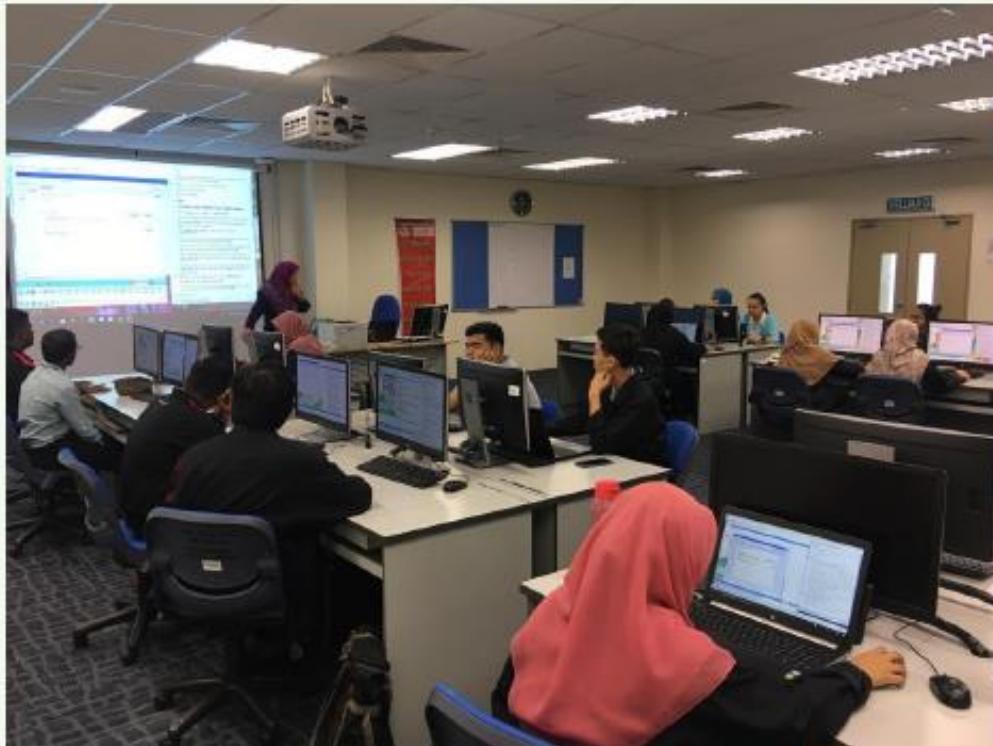
Latihan packet tracer oleh Cisco system

5.0 Kolaborasi PBU dengan Industri

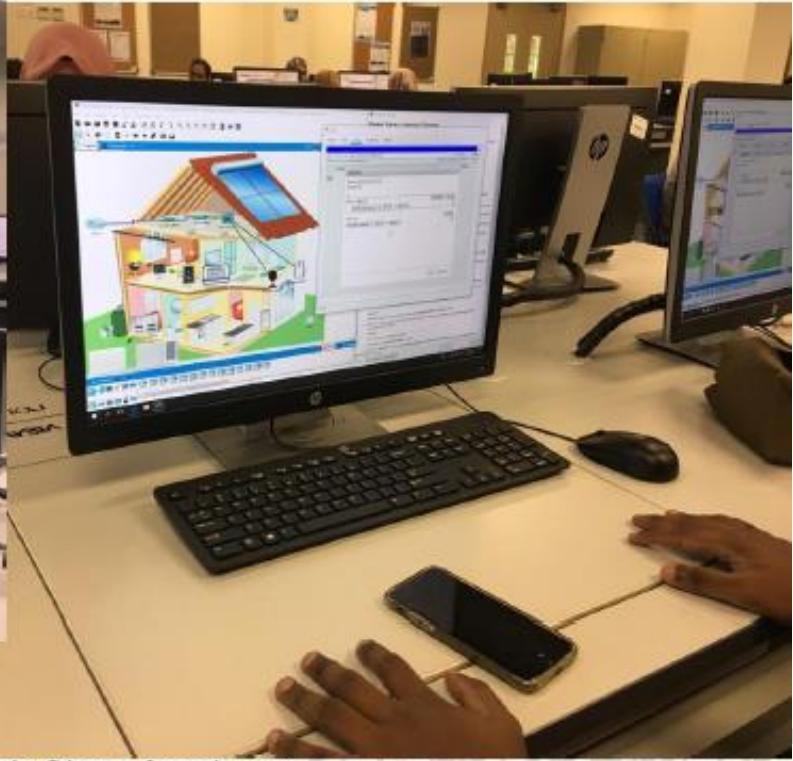
5.1 Kolaborasi Kepakaran Industri

5.1.7 Program “MOBILITY OF STUDENTS: CISCO IT ESSENTIALS ” oleh CISCO

- Program ini adalah kendalian *CISCO Networking Academy* dan ditaja oleh CIAST.
- Peserta terdiri daripada 30 pelajar PBU.
- 19 – 23 Ogos 2019



Latihan oleh Cisco Academy.



Latihan oleh Cisco Academy.

5.0 Kolaborasi PBU dengan Industri



5.2 Program Kesukarelawan

5.2.1 Majlis Menandatangani COC – MBPP & PBU.



Majlis COC PBU dengan MBPP, Datuk Bandar MBPP pada 7 Mac 2019.



5.0 Kolaborasi PBU dengan Industri

5.2 Program Kesukarelawan



5.2.2 Program Coding for School (Primary School) – MBPP, Intel & PBU.

- 17 pensyarah menerima latihan “Train the trainer” daripada Penang Science Cluster pada 16.2.2019 bagi modul Scratch Programming and Micro:bit.
- Sebanyak 11 sesi kelas telah berjaya dilaksanakan oleh sukarelawan pengajar PBU bermula 2.4.2019 hingga 25.4.2019.



5.0 Kolaborasi PBU dengan Industri

5.2 Program Kesukarelawan



5.2.2 Program Coding for School (Secondary School) – MBPP, Intel, Penang Science Cluster & PBU.

- 8 pensyarah menerima latihan “Train the trainer” dari Penang Science Cluster pada 30.3 .2019.
- Sebanyak 4 sesi kelas telah berjaya dilaksanakan oleh sukarelawan pengajar PBU bermula 2.4.2019 hingga 25.4.2019.



5.0 Kolaborasi PBU dengan Industri

5.2 Program Kesukarelawan

5.2.3 Program ‘Internal Training’ Microcontroller Arduino— MBPP, Intel, Penang Science Cluster & PBU.

- Bengkel ‘Train the Internal Trainers’ telah dijalankan oleh pengajar PBU kepada 20 orang pensyarah JTMK pada 6.8.2019 tenaga pengajar tambahan untuk sesi akan datang.



5.0 Kolaborasi PBU dengan Industri

5.2 Program Kesukarelawan



5.2.4 Sukarelawan di Persidangan Asia Pacific Urban Forum (APUF7) - MBPP sebagai Tuan Rumah pada 14 – 17 Oktober 2019

- 2 pensyarah PBU dan 3 orang pelajar semester akhir PBU telah terlibat sebagai urusetia teknikal, pengurusan bilik persidangan dan pendaftaran.



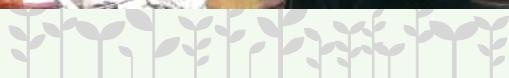
5.0 Kolaborasi PBU dengan Industri

5.2 Program Kesukarelawan



5.2.5 Program “*Makerspace@Balik Pulau Success Story Sharing*“ di MALA Pavilion di Asia Pacific Urban Forum (APUF7)

- Perkongsian oleh sukarelawan pengajar berkenaan penglibatan, pengalaman dan cabaran semasa mengendalikan *program Coding for School* bersama ahli panel yang lain.



5.0 Kolaborasi PBU dengan Industri

5.2 Program Kesukarelawan



Cadangan Aktiviti Kerjasama Bagi Program Kesukarelawan Bersama Rakan Industri PBU

- Meneruskan penglibatan PBU sebagai tenaga pengajar program di Makerspace@Balik Pulau atau di PBU sendiri untuk program baharu seperti:
 - Design Thinking
 - School Holiday Camp
 - Scratch Programming Boot Camp
- Melibatkan staf dan pelajar PBU dalam kerja-kerja penyelenggaraan peralatan computer di makmal / Makerspace@Balik Pulau.
- Membangunkan modul pembelajaran yang diperlukan di industri dalam bentuk video/ animasi.
- Dan lain-lain lagi.



5.0 Kolaborasi PBU dengan Industri

5.3 Kerjaya



DIGITAL CAREER CENTER



- PBU DCC CENTER LAUNCHED AND VISITED BY SUMITRA NAIR (VC- Talent Development and Digital Entrepreneurship) MDEC ON THE 1ST OF APRIL 2019 – During COC Signing ceremony.

5.0 Kolaborasi PBU dengan Industri

5.3 Kerjaya



Certified Career Services Provider



NCDA

National Career
Development
Association



PersonalMasteryResources

Facilitating Career Development Training
Certificate of Completion

Rasammal a/p Rasappan

Has successfully completed the 120-hour NCDA Facilitating Career Development Training in Malaysia in June 2019 by Han Kok Kwang and is eligible to apply for certification as a Certified Career Services Provider or a Global Career Development Facilitator.

Han Kok Kwang, NCDA Master Trainer
CCSP, CMCS, GCDFI No. 11135

1 June 2019
Date of Completion



5.3 Digital Career Center



ACTIVITIES

PBU DCC
CENTER

JOB FAIR

CAREER
TALK

PBU DCC
SYSTEM

CAREER
INFO
BROADCAST





5.3 Digital Career Center

Career TALK : 10

| DATE | GROUP | EVENT | ORGANISER |
|-----------|-----------------------|---|--|
| 6/3/2019 | SEM 5 | Job Hunting Workshop | PBU DCC & JPA |
| 8/3/2019 | SEM 5 111 students | Career Guideline and Requirement | MESINIAGA |
| 3/4/2019 | SEM 5 62 students | Ceramah Soft Skill and Mock Interview by House of Training Penang | HOUSE OF TRAINING PENANG |
| 2/5/2019 | SEM 5 60 students | UNIKL education talk | UNIKL |
| 23/7/2019 | SEM 5 84 students | Career Workshop by JOBSTREET | UNDER PREMIER PRIDE CHALLENGE 2019 BY MDEC AND JOBSTREET |





5.3 Digital Career Center

Career TALK : 10

| | | | |
|------------|--|--|----------------------|
| 22/8/2019 | CAREER DEVELOPMENT CENTER CLUB(CDCC) INVOLVING 30 STAFFS | 1-DAY CAREER DEVELOPMENT PRACTITIONER ALIGNMENT WORKSHOP | CDCC & MDEC & MOE |
| 11/9/2019 | SEM 5 175 Students | Career Talk | USM |
| 25/9/2019 | SEM 5 165 Students | Work-Based Learning and Digital Apprentice Program with CIMB | CIMB & MOE |
| 16/10/2019 | SEM 5 26 Students were shortlisted | Work-Based Learning and Digital Apprentice Program with CIMB interview | PBU DCC & CIMB & MOE |

Upcoming Events

| | | | |
|------------------------------|---|---|-----------------------------------|
| 19/11/2019 | LI return students 30 students | Wawasan Open University Education Talk | WOU (upcoming event) |
| EVERYWEEK (2nd week onwards) | ALL THE SEM 5 CLASSES STARTING FROM 8th week onwards for 4 week | LINKED, JOBSTREET, JOBSMALAYSIA AND PBU DCC WEBSITE KEY IN CAREER COUNSELLING | PBU DCC & COUNSELLING &PSYCHOLOGY |



5.3 Digital Career Center

Career Talk (10)

Jobstreet.com
Real Companies. Real Jobs.



Online Job Hunting by Jobstreet (23/7/19).

Jobhunting workshop- Sophic Automation (6/3/19).



Mesiniaga



Career guideline & requirement by Mesiniaga (8/3/19).



5.3 Digital Career Center

Career Fair Visited : (6)

| DATE | GROUP | PIC | EVENT | ORGANISER |
|---------------|----------------------|--|--|--------------------------------|
| 22/02/2019 | Sem 5 18 students | Mr. Suntheren Ms Rasammal | Karnival Kerjaya Politeknik Metro Tasek Gelugor | Politeknik Metro Tasek Gelugor |
| 27/02/2019 | All students | Mr Shahariman | USM Career Booth | Pusat Pelajar PBU |
| 18/03/2019 | Sem 5 23 students | Mr Vishnu Ms Rasammal | Karnival Kerjaya PERKESO PUO | Politeknik Ungku Omar |
| 30-31/03/2019 | Sem 5 67 students | Mr Vishnu | Ekspos kerjaya dan pendidikan 2019 (EKSPEN 2019) USM | USM & EKSPEN |
| 6/8/2019 | SEM 5 30 students | Mr Vishnu Pn Masturina Pn Shafiqah | Career Fair PUO | JOBSMALAYSIA & PUO |
| 8/10/2019 | SEM 5 30 students | Mr Suntheren | EDUFEST PSP | PSP & PERKESO |





5.3 Digital Career Center

Career info Channel :

| DATE | INFORMATION | ORGANISER |
|-----------|--|---------------------------------|
| 7/3/2019 | Jemputan Menghadiri "Center Entrepreneurship and Skills Festival" 2019 25hb - 28hb April 2019 | UMT |
| 7/3/2019 | Jemputan Menghadiri Karnival Kerjaya PUO-PERKESO 18hb Mac 2019 | PUO-PERKESO |
| 26/3/2019 | Jemputan untuk menyertai ekspo kerjaya & pendidikan 2019(EKSPEN 2019) Universiti Malaysia Pulau Pinang 30&31 Mac 2019 | KERAJAAN NEGERI PULAU PINANG |
| 25/4/2019 | Job Fair 29 April 2019 | POLITEKNIK PD |
| 25/4/2019 | Internship & Career Excellence Day 5.0 30-Apr-19 | POLITEKNIK MERLIMAU |
| 25/4/2019 | Festival Kerjaya & Industri 1.0 28 April 2019 | POLITEKNIK PSMZA |
| 13/6/2019 | Penang Career and Postgraduate Expo 2019 29-30hb Jun 2019 di SP ARENA Seberang Perai | PenEXPO |
| 1/8/2019 | Karnival Kerjaya PUO - JOBMALAYSIA 6hb Ogos 2019 | PUO-JOBMALAYSIA |
| 11/9/2019 | WakuWaku Job Fair (Largest Japanese JOB FAIR in Malaysia) 15hb Sept 2019 | TAYLORS UNIVERSITI |
| 30/9/2019 | XPD CAREER 2019 2 October 2019 | UITM SHAH ALAM |
| 4/10/2019 | EDUFEST PSP Tarikh: 8 hb Oktober 2019 | PSP |

5.3 Digital Career Center

Career Info Channel :



Event : Job interview (50 Company), Life long Learning, Careertalk etc.

For more information : www.alumni.usm.my



Digital CIC, Digital Career Center



5.3 Digital Career Center

CAREER DEVELOPMENT PRACTITIONER ALIGNMENT WORKSHOP – 22th August 2019



Career workshop lauching



Certificate Presentation to the Participants

| Premier Digital Tech Universities & Polytechniques | Participants |
|---|--------------|
| Asia Pacific University of Technology & Innovation(APU) | 2 |
| Multimedia University (MMU) | 2 |
| Sunway University (Sun – U) | 2 |
| Taylor's University(Taylor's) | 2 |
| Tunku Abdul Rahman University College (TAR UC) | 2 |
| Universiti of Malaya (UM) | 2 |
| Universiti Teknologi Mara (UiTM) | 2 |
| HELP University (HELP) | 2 |
| International Islamic University Malaysia (IIUM) | 2 |
| Univerisiti Teknologi Malaysia (UTM) | 2 |
| Universiti Tunku Abdul Rahman (UTAR) | 2 |
| Politeknik Mersing (PMJ) | 2 |
| Politeknik Sultan Idris Shah (PSIS) | 2 |
| Politeknik Sultan Mizan Zainal Abidin (PSMZA) | 2 |
| Politeknik Ungku Omar (PUO) | 2 |
| Politeknik Balik Pulau (PBU) | 10 |
| TOTAL | 40 |

- This program intended to discuss issues pertaining employability powered CDCC club members – the Premier Digital Tech Universities & Polytechniques from MDEC.



5.3 Digital Career Center



Digital Apprentice Program with CIMB –(interview) – 16/10/19

- 17 PBU Students were interviewed and **10 students** will be selected for **Training, Internship and Job Placement** at CIMB upon completing their Internship.



Interview section for Programming – by Mr Abdul Rahman Mohamed

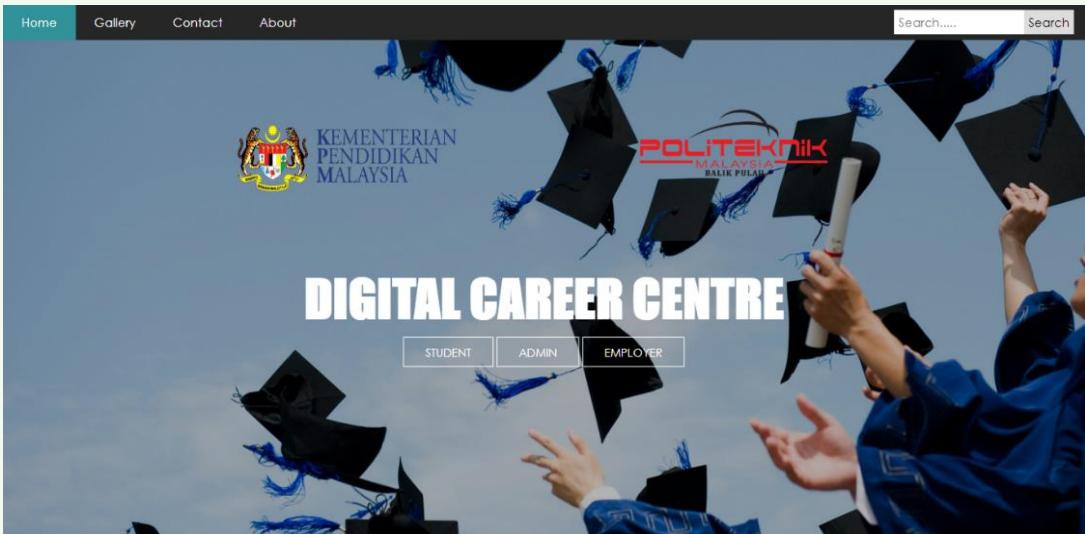


Interview section by HR – Ms Sharon



PBU dcc system

MYSQL database system and Dream weaver software to develop an **online system** that can be used to connect students, employer and we as an admin staff to facilitate the students and employer need.



Homepage

This system consists of:

- Graduate Student
- Internship Student
- Admin
- Employer

And the 5 menus are:

- Home
- Gallery
- Contact
- About

LOG IN





5.3 Digital Career Center

Industry Support

Job
Opportunity

Expertise



5.0 Kolaborasi PBU dengan Industri

5.4 UNIT PERHUBUNGAN & LATIHAN INDUSTRI



STATISTIK LATIHAN INDUSTRI

| SESI LI | BIL PELAJAR | BIL INDUSTRI |
|----------|-------------|--------------|
| JUN 2019 | 199 | 139 |
| DIS 2018 | 151 | 111 |
| JUN 2018 | 280 | 243 |

SESI LI AKAN DATANG :-

SESI DIS 2019

TARIKH LI

09 DIS 2019 – 26 APR 2020

PERMOHONAN KE INDUSTRI :

12 JUL 2019 – 15 NOV 2019

BIL PELAJAR : 221

SESI JUN 2020

TARIKH LI

29 JUN 2020 – 15 NOV 2020

PERMOHONAN KE INDUSTRI :

20 DIS 2019 – 08 JUN 2020

ANGARAN PELAJAR : 200

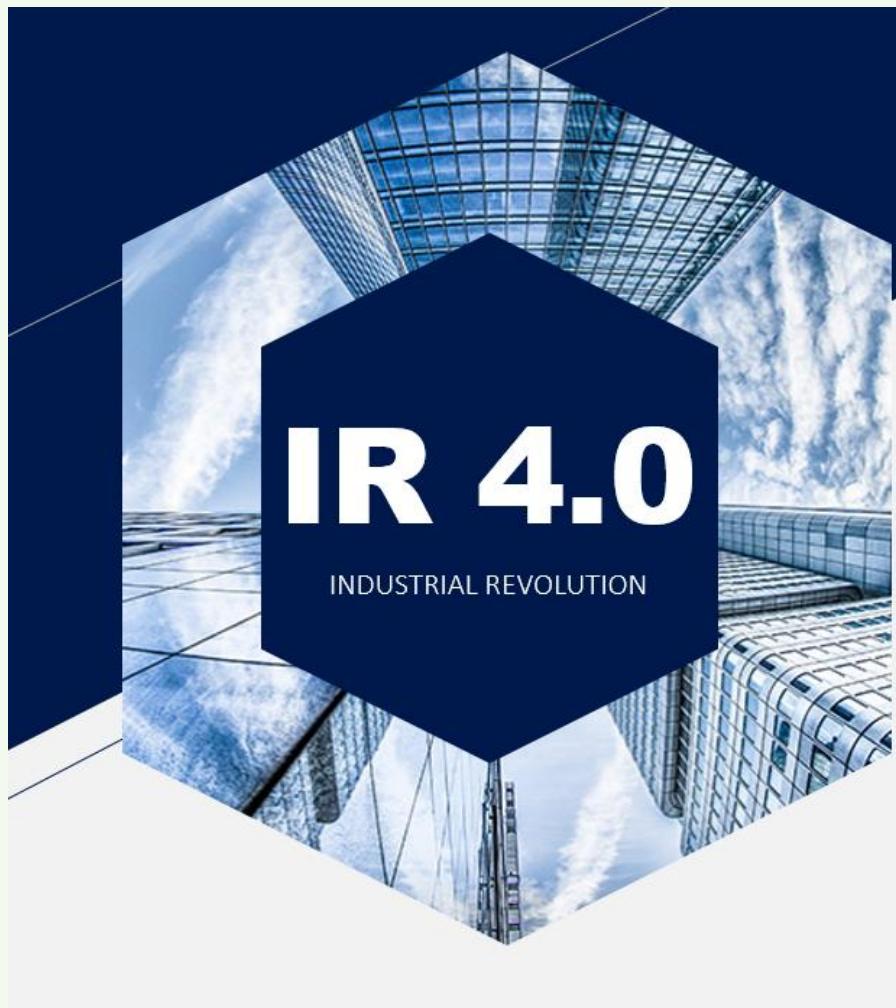


KEPERLUAN UPLI



5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



**DIPLOMA IN
INFORMATION
TECHNOLOGY
(DIGITAL TECHNOLOGY)**



5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



PENGENALAN

TEMPOH
PENGAJIAN :

2.5 TAHUN

TRACK YANG
DITAWARKAN:

SOFTWARE & APPLICATION
DEVELOPMENT

TRACK DALAM
PERANCANGAN:

NETWORKING SYSTEM

INTERNET OF THINGS



5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



COMMON CORE, DDT

| NO. | COURSE CODE & NAME |
|-----|---|
| 1. | DFC10033 – INTRODUCTION TO COMPUTER SYSTEM |
| 2. | DFC10042 – PROBLEM SOLVING & PROGRAM DESIGN |
| 3. | DFC10093 – COMPUTER SYSTEM ARCHITECTURE |
| 4. | DFC10103 – OPERATING SYSTEM |
| 5. | DFC20123 – DATABASE DESIGN |
| 6. | DFC20143 – INTRODUCTION TO NETWORKS |
| 7. | DFT20083 – SECURITY BASIC AND IT PROFESSIONAL |
| 8. | DFC30153 – DATA STRUCTURES |

5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



SPECIALISATION, DDT (SOFTWARE & APPLICATION DEVELOPMENT)

| NO. | COURSE CODE & NAME |
|-----|---|
| 1. | DFT30043 - DIGITAL MULTIMEDIA |
| 2. | DFC30133 - OBJECT ORIENTED PROGRAMMING |
| 3. | DFT40043 - WEB DESIGN TECHNOLOGY |
| 4. | DFP40023 - VISUAL BASIC PROGRAMMING |
| 5. | DFP40093 - MOBILE APPLICATION DEVELOPMENT |
| 6. | DFP50043 - INTEGRATIVE PROGRAMMING AND TECHNOLOGIES |
| 7. | DFP50123 - SECURE MOBILE COMPUTING |
| 8. | DFT50114 - INTEGRATED PROJECT |



5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



SPECIALISATION, DDT (NETWORKING SYSTEM)

| NO. | COURSE CODE & NAME |
|-----|--|
| 1. | DFN30073 – SWITCHING & ROUTING ESSENTIALS |
| 2. | DFN30053 – OPEN SOURCE OPERATING SYSTEM |
| 3. | DFN40213 – SCALING NETWORK |
| 4. | DFN40183 – OPEN SOURCE SERVER ADMINISTRATION |
| 5. | DFN40143 – NETWORK SECURITY |
| 6. | DFN50173 – CONNECTING WAN |
| 7. | DFN50223 – WINDOWS SERVER ADMINISTRATION |
| 8. | DFT50114 – INTEGRATED PROJECT |



5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



SENARAI KEPAKARAN (IR 4.0)

| BIL | BIDANG | NAMA STAF |
|-----|-------------------------|---|
| 1 | DATA SCIENCE | 1. TAN RHU CHOON (Master of Science (Data Science and Analytics)) |
| 2 | ARTIFICIAL INTELLIGENCE | 1. WAN HANIZA BT WAN HASSIM 2. AZRINA BT TAHIR 3. IZLIN ZURIANI BT ISHAK 4. NURUL HANANI BT RAZALI 5. MOHD ZAIDIL ADHA BIN MAT HUSSIN |
| 3 | IoT | 1. EDDYZULHAM BIN ABU BAKAR 2. NASRUL AZHAN BIN MUUTI 3. NOORISMAAWI BIN YUSOP 4. NORSALINA BINTI HASSAN 5. ANIRAH BINTI AHMAD 6. SITI ZAIMAR BINTI WAHID 7. NUR FAIRUZ AFNI BINTI AHMAD FAIZAL |
| 4 | CYBER SECURITY | 1. NORSHAHIDAYU BINTI OTHMAN (Master of Cybersecurity) |
| 5 | AUGMENTED REALITY | 1. DR GOH EG SU (Phd in Augmented Reality) 2. MOHD RAZIF BIN MUSTAPHA |

5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



SENARAI KEPAKARAN (LAIN-LAIN)

| BIL | BIDANG | NAMA STAF |
|-----|---|--|
| 1 | NETWORK (CCNA) -PROFESSIONAL CERTIFICATION | 1. SHAHRUL NAZMI BIN ISMAIL 2. EMY HAZLINDA BINTI MOHAMMAD RIDZWAN 3. MOHD RAZI BIN ALIAS 4. TARMIZI BIN MOHAMAD 5. NUR NAIMAH BINTI MOHAMAD YUSOF 6. NORFIDA ERWANI BINTI MOHD SHAFIE 7. HERMIZUL BIN NAPIS |
| 2 | MOBILE APPLICATION DEVELOPMENT -PROFESSIONAL CERTIFICATION | 1. KHOLILAH BINTI HILALUDDIN 2. SAMIHAH BINTI ABDUL LATIF 3. IZLIN ZURAINI BINTI ISHAK 4. AZRINA BINTI TAHIR 5. ANIRAH BINTI AHMAD 6. KAMAL APANDY BIN JALIL APANDY 7. MOHD RAZIF BIN MUSTAPHA |



5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



SENARAI KEPAKARAN (LAIN-LAIN)

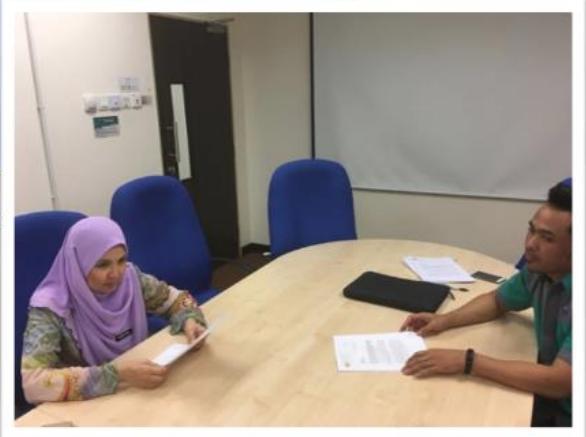
| BIL | BIDANG | NAMA STAF |
|-----|-------------|--|
| 3 | OPEN SOURCE | <ol style="list-style-type: none">1. SITI FARTIMAH BINTI MOHAMED YUSOP2. NOORISMAAWI BIN YUSOP3. NURRUL ARIFAH BINTI ISMAIL |
| 4 | ROBOTIC | <ol style="list-style-type: none">1. NASRUL AZHAN BIN MUUTI (BACHELOR OF ELECTRICAL ENGINEERING AUTOMATION SYSTEM & ROBOTIC)2. EDDYZULHAM BIN ABU BAKAR |

5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0



PANEL PENASIHAT PROGRAM





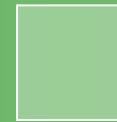
5.0 Kolaborasi PBU dengan Industri

5.6 DDT & Industri 4.0

BANTUAN YANG DIPERLUKAN

1. Bengkel yang berkaitan dengan IR 4.0
2. Panel Penilai Final Year Project (FiYProc)
3. Panel Penasihat Kurikulum DDT.
4. Product Updated & Launching/ Seminar/ Dialog/ Conference : Menjemput staf politeknik.





Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU

1

Ucapan aluan pengarah PBU.

2

Pengesahan minit yang lepas.

3

Taklimat Ringkas PBU

4

Laporan Kebolehpasaran

5

Kolaborasi PBU dengan Industri

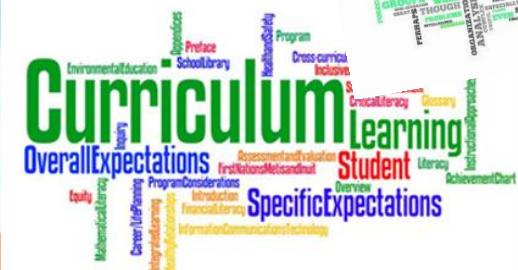


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Cadangan dari industri

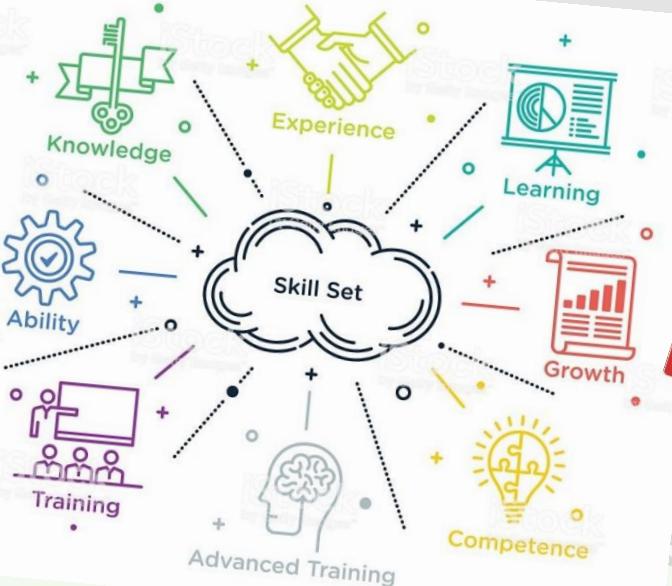


6.0 Cadangan dari Industri



IT
delivery

info &
comm



DIGITAL TRANSFORMATION CENTER

6.0 Cadangan dari Industri



✓ Building Digital Companies:

- **Digitalising SME business:** 50% matching grant of up to RM5,000/company for subscription of digital services such as e-POS, ERP & e-payroll; RM500 mil over 5 years, for the first 100,000 SMEs.
- **Smart Automation matching grants:** RM550 mil; up to RM2 mil/company to 1,000 manufacturing and 1,000 services companies to automate their business processes.
- **14 One-stop Digital Enhancement Centres:** Facilitate access to financing and capacity building of our businesses, especially SMEs in line with the Fourth Industrial Revolution (IR4.0).



3) **Malaysians@Work:** Malaysians@Work is divided into four programmes directed at providing both wage incentives for workers and hiring incentives for employers.

Cost RM6.5bn over 5 years and create 350,000 jobs for Malaysians; reduce foreign workers by 130,000.

✓ Graduates@Work: For the hiring of graduates who are unemployed for >12 months.

- Wage incentive of RM500/month for 2 years,
- Hiring incentive up to RM300/month for each new hire for 2 years.
- After 2 years, the previously unemployed graduate would have picked up the necessary skills and competence on-the-job to ensure continued employment with the relevant companies.

✓ Apprentice@Work: A TVET incentive programme

- Additional RM100 per month on existing allowance for trainees on apprenticeships.
- Tax incentive for the Skim Latihan Dual Nasional (SLDN)
- Tax incentives to companies undertaking Structured Internship Programme (SIP)



6.0 Cadangan dari Industri

Cadangan :

3 program kolaborasi industri yang berimpak tinggi bagi tahun 2020.





Agenda

Mesyuarat Jawatankuasa Penasihat Industri 2019 PBU

4

Laporan Kebolehpasaran

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Kolaborasi PBU dengan Industri

6

Cadangan dari industri



7

Hal-hal lain

8

Mesyuarat ditangguh.

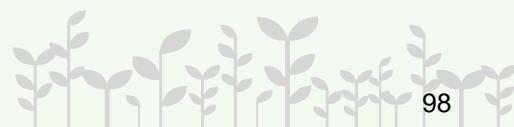
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Sesi Bergambar & Makan Tengahari



7.0 Hal-hal lain

7.1



7.0 Hal-hal lain

7.2 Benefits of IAC.

i) Library Access (FOC)

- Library access card.
- 4 Books, 1 month.



ii) Facilities (Limited to 1 time/year)

- Lecturer Hall (50%).
- Computer Lab (50%).
- Depend on availability.



iii) Sport (50%)

- Cycling, squash, tennis, futsal..





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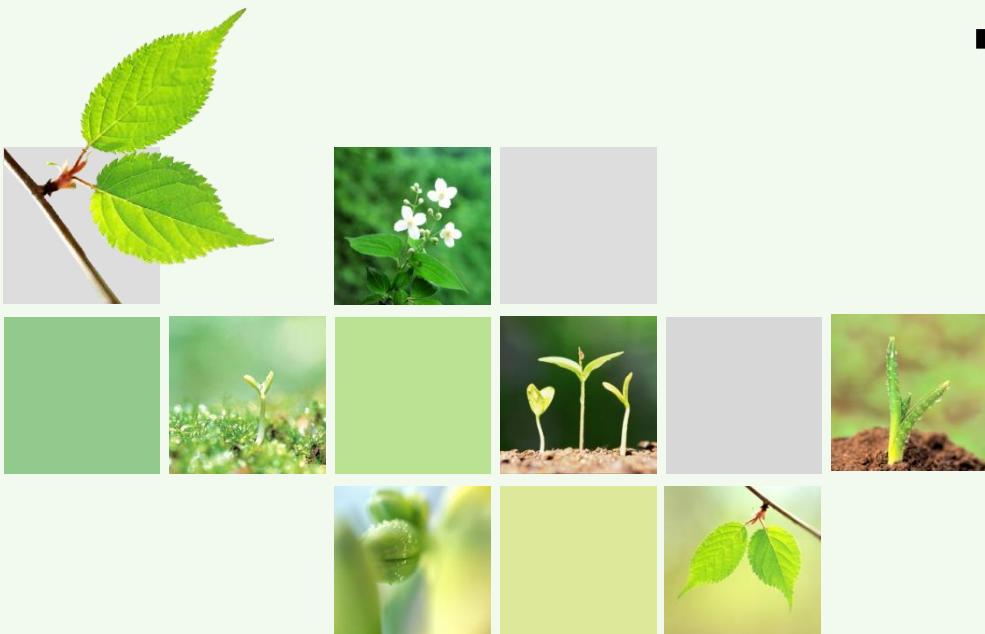
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Sesi Bergambar & Makan Tengahari



10.0 Sesi Bergambar





Thank You!

