



INFORMASI POLITEKNIK

EDISI OKTOBER 2018 | OCTOBER 2018 EDITION



PENAFIAN | DISCLAIMER

Jabatan Pendidikan Politeknik dan Kolej Komuniti telah sedaya upaya memastikan maklumat yang terkandung di dalam dokumen ini betul. Namun, jabatan ini tidak menjamin ketepatan dan kesempurnaan. Jabatan ini juga berhak sepenuhnya membuat perubahan kepada mana-mana maklumat dan huraian dalam dokumen ini pada bila-bila masa. Oleh itu, pengguna dokumen ini hendaklah merujuk kepada jabatan ini sebelum bertindak atau menimbang untuk bertindak berasaskan maklumat dan huraian berkenaan. Jabatan ini tidak akan bertanggungjawab bagi sebarang kehilafan, kebinasaan dan kerugian yang disebabkan oleh penggunaan maklumat atau huraian yang diperoleh daripada dokumen ini.

Department of Polytechnic and Community College Education did its best to ensure that the information contained in this document is correct. However, the department does not guarantee the accuracy and completeness. The department also reserves the right to make changes to any information and descriptions in this document at any time. Therefore, users are advised to refer to the Department before acting or considering and taking actions on the basis of the information and description presented in this document. The department is not responsible for any mistakes, destruction and damage caused by the use of information or descriptions obtained from this document.

Laporan ini disediakan oleh:
This report is prepared by:

JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI

Aras 4-7, Galeria PjH, Jalan P4W
Persiaran Perdana, Presint 4
62100 Putrajaya
MALAYSIA

2018
ISSN 2289-8417

Kekerapan Penerbitan: Tahunan
Publication Frequency: Annually

SENARAI KANDUNGAN | CONTENT

Pengenalan
Introduction

03

Fakta 2018 Politeknik Malaysia
Malaysia Polytechnic 2018 Facts

05

Jabatan
Department

07

Pelajar
Student

27

Staf
Staff

65

Penyelidikan & Inovasi
Research & Innovation

78

Sumber Data
Data Sources

84

Peta Lokasi Politeknik Malaysia
Malaysia Polytechnics Location Map

04

Politeknik Malaysia – Terbaik 2018
Malaysia Polytechnics – The Best of 2018

06

Institusi
Institution

11

Program
Programme

42

Industri
Industry

75

Takrifan, Istilah & Singkatan
Terms, Definition & Abbreviations

83

Sidang Redaksi
Editorial

85

PENGENALAN //

Pendidikan dan Latihan Teknikal dan Vokasional (TVET) di Politeknik mula diperkenal di Malaysia melalui penubuhan Politeknik pertamanya, Politeknik Ungku Omar di Ipoh di bawah Pelan Pembangunan Pertubuhan Bangsa-bangsa Bersatu pada tahun 1969. TVET diperkuuhkan dengan perakuan Jawatankuasa Kabinet mengenai pendidikan pada tahun 1979 dan Pelan Induk Perindustrian Kebangsaan pertama (1985-1995). Kesemua perancangan termasuk perakuan Jawatankuasa Kabinet mengenai latihan (1991), telah membolehkan penubuhan lebih banyak Politeknik serta menambah program pengajian bagi memenuhi keperluan pekerja separa profesional dalam bidang kejuruteraan, perdagangan dan perkhidmatan.

Bagi mengukuhkan peranan Politeknik dan Kolej Komuniti dalam bidang pendidikan dan latihan, Jemaah Menteri pada 24 Mac 2017 telah meluluskan penggabungan Politeknik dan Kolej Komuniti dalam satu jabatan. Struktur organisasi baharu Jabatan Pendidikan Politeknik dan Kolej Komuniti (JPPKK) telah diluluskan oleh Jabatan Perkhidmatan Awam (JPA) pada 23 Februari 2018.

INTRODUCTION //

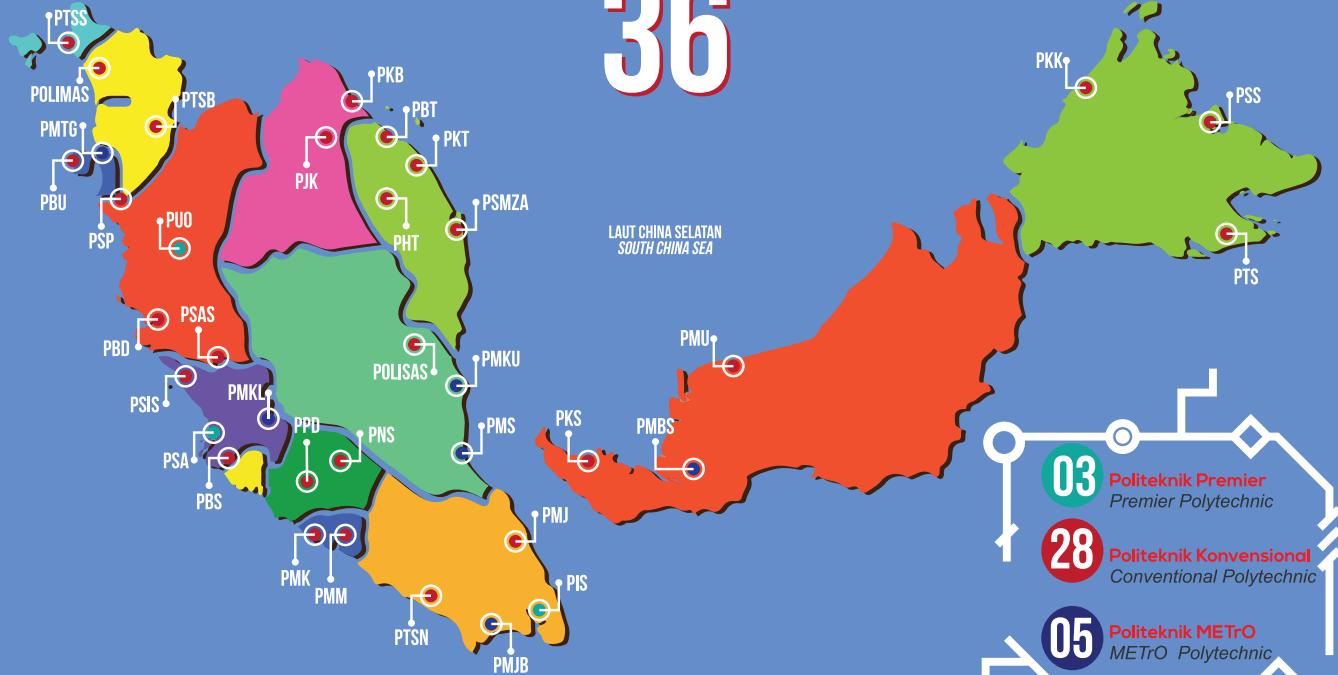
Technical and Vocational Education and Training (TVET) at Polytechnics in Malaysia began with the establishment of Ungku Omar Polytechnic, Ipoh in 1969 under the United Nations Development Plan. TVET was given prominence by the Cabinet Committee on Education in 1979 and in the First National Industrial Plan (1985-1995). In addition to the decisions made by these committees, the Cabinet Committee on Training (1991) paved the way for the significant development in Polytechnic education. As a result, there was an increase in the number of Polytechnics built and these institutions were able to offer more programmes of study to cater for the demands of skilled human resources in engineering, commerce and services sectors.

To further reinforce the roles of Polytechnics and Community Colleges in education and training, the cabinet deliberated and approved the merger of Polytechnics and Community Colleges under one department on 24th March 2017. In addition to that, the Public Service Department endorsed the new organisation structure of the Department of Polytechnic and Community College Education on 23rd February 2018.

PETA LOKASI | LOCATION MAP



36



FAKTA | FACTS 2018



36
POLITEKNIK
POLYTECHNIC



3 Politeknik Premier
Premier Polytechnics

28 Politeknik Konvensional
Conventional Polytechnics

5 Politeknik Metro
METRO Polytechnics



8 COT
Centre of Technology

92
PROGRAM SEPENUH MASA
FULL-TIME PROGRAMMES



7 Sarjana Muda
Bachelor

78 Diploma
Diploma

2 Pra Diploma
Pre Diploma

5 Sijil Kemahiran*
*Skills Certificate**

*Bagi pelajar kurang upaya pendengaran/percakapan
*For students with hearing and/or speech disabilities

96,370
ENROLMENT
ENROLMENT

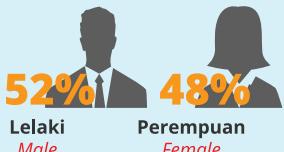


646 Sarjana Muda
Bachelor

94,551 Diploma
Diploma

968 Pra Diploma
Pre Diploma

205 Sijil Kemahiran
Skills Certificate



95.4%
Keboleh pasaran Graduan
Graduate Employability

7,840
PENSYARAH
LECTURERS



41% Lelaki
Male

59% Perempuan
Female

24% Mempunyai Pengalaman Industri
With Industrial Experienced

1% Doktor Falsafah
PHD

36% Sarjana Muda
Bachelor

58% Sarjana Muda
Bachelor

4% Diploma
Diploma

TERBAIK POLITEKNIK 2018 | THE BEST OF POLYTECHNICS 2018 | //

Pencapaian 9 pingat Emas, 3 pingat Perak dan 2 pingat Gangsa di 23rd FIRA Roboworld Cup 2018, Taiwan.

9 Gold, 3 Silver and 2 Bronze medals at 23rd FIRA Roboworld Cup 2018, Taiwan.



Pencapaian 3 pingat Perak dan 3 pingat Gangsa di Pertandingan Anugerah Harta Intelek (AHIN) 2018.

3 Silver and 3 Bronze medals 2018 at Intellectual Property Award Competition.



Tempat ke-3 di Malaysia Orienteering Asia Cup 2018 World Series.

3rd place in Malaysia Orienteering Asia Cup 2018 World Series.



20 orang pensyarah Politeknik dan Kolej Komuniti telah diiktiraf sebagai Pengajar E-Dagang di Global E-Commerce Talent (GET) bersama AliBaba School of Business.

20 Polytechnic and Community College lecturers were recognised as E-Commerce lecturers in Global E-Commerce Talent with AliBaba School of Business.

Pencapaian 2 pingat Emas, 2 pingat Perak dan 4 pingat Gangsa di 29th International Invention, Innovation & Technology Exhibition, Malaysia 2018 (ITEX).

2 Gold, 2 Silver and 4 Bronze medals in 29th International Invention, Innovation & Technology Exhibition, Malaysia 2018 (ITEX).

Juara Piala FCAS 800m kali ke 5 Kumpulan Campuran di Perlumbaan Bot Naga Antarabangsa 2018.

Sabah-FCAS Champion Trophy 800m Mixed Team 5th FCAS Sabah International Dragon Boat Race 2018.



Pencapaian 2 pingat Emas dan 1 pingat Gangsa di Kejohanan Olahraga Universiti Dunia 2018, Pohang, Korea Selatan.

2 Gold and 1 Bronze medals at World University Sport Championship in Pohang, South Korea.

Pencapaian pingat Emas di International Invention, Innovation & Design 2018 (IIID2018).

Gold medal in International Invention, Innovation & Design 2018 (IIID2018)



Pencapaian 1 pingat Emas dan 1 pingat Perak di World Invention Innovation Contest (WIC) 2018 di Seoul, Korea Selatan.

1 Gold and 1 Silver medals in World Invention Innovation Contest (WIC) 2018 in Seoul, South Korea.

VISI

Menjadi peneraju institusi TVET yang unggul

MISI

1. Menyediakan akses yang meluas kepada program TVET berkualiti dan diiktiraf;
2. Memperkasa komuniti melalui pembelajaran sepanjang hayat (PSH);
3. Melahirkan graduan holistik, berciri keusahawanan dan seimbang; dan
4. Memanfaatkan sepenuhnya perkongsian pintar dengan pihak berkepentingan.

TERAS STRATEGIK

1. Menghasilkan graduan TVET berkualiti;
2. Memantapkan governan yang responsif dan mampan;
3. Memperkaya bakat;
4. Menerajui sistem pendidikan melalui TVET 4.0;
5. Memperkuuh kolaborasi industri dan komuniti; dan
6. Membudaya penyelidikan gunaan dan inovasi.

VISION

To be the Leading-Edge TVET Institution

MISSION

1. *To provide wide access to quality and recognised TVET programmes;*
2. *To empower communities through lifelong learning;*
3. *To develop holistic, entrepreneurial and balanced graduates; and*
4. *To capitalize on smart partnership with stakeholders.*

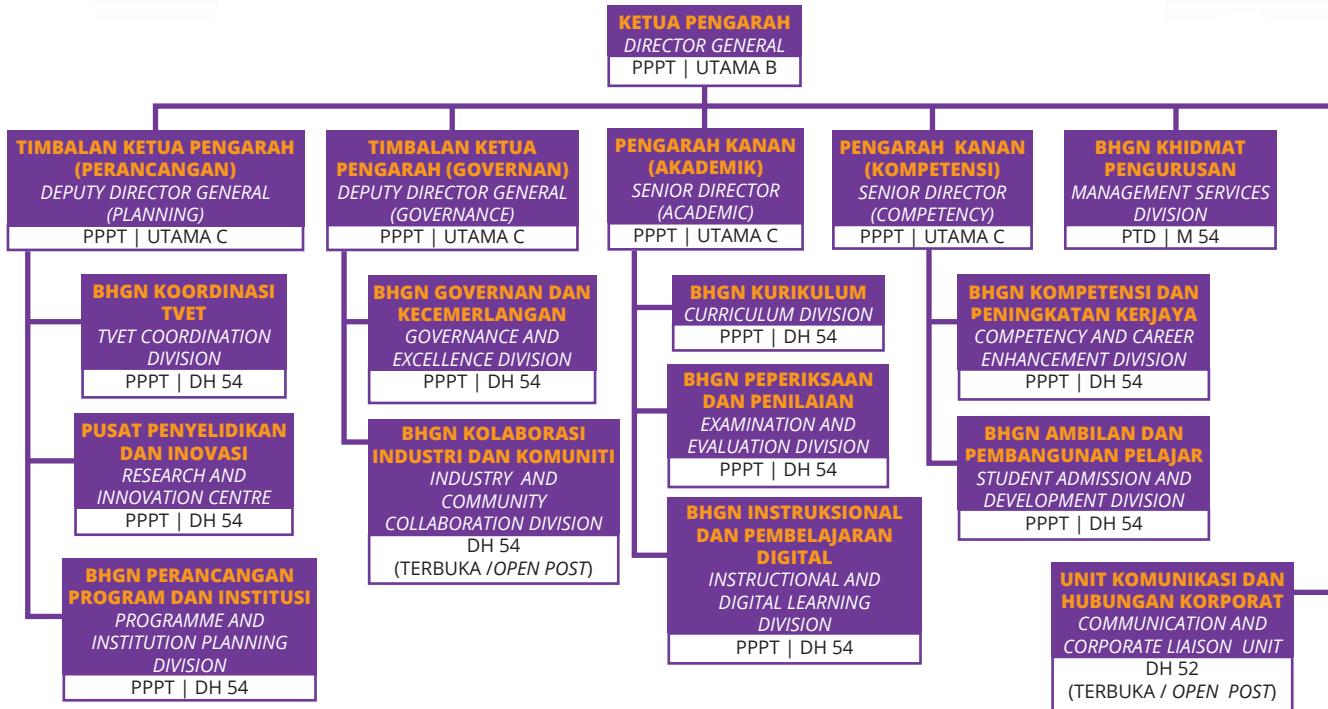
STRATEGIC THRUST

1. *Producing quality TVET graduates;*
2. *Strengthening responsive and sustainable governance;*
3. *Enriching talents;*
4. *Spearheading education system through TVET 4.0;*
5. *Fortifying collaboration with industries and community; and*
6. *Enculturating applied research and innovation.*

CARTA ORGANISASI | ORGANIZATION CHART

JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI

DEPARTMENT OF POLYTECHNIC AND COMMUNITY COLLEGE EDUCATION



DIREKTORI | DIRECTORY

**JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI | DEPARTMENT OF POLYTECHNIC AND COMMUNITY COLLEGE EDUCATION
KEMENTERIAN PENDIDIKAN MALAYSIA | MINISTRY OF EDUCATION**

Galeria PjH, Jalan P4W, Persiaran Perdana, Presint 4, 62100 Putrajaya.

Tel: 038891900 | Faks: 0388919300 | Web: <http://mypoliteknik.edu.my> | Email:webjppoli@moe.gov.my

Bil. No.	Jawatan & Bahagian <i>Position & Division</i>	Nama <i>Name</i>	Setiausaha Pejabat <i>Office Secretary</i>
1	Ketua Pengarah <i>Director-General</i>	YBhg. Prof. Dato' Ts. Dr. Mohd Ismail Bin Abd Aziz T: 0388919009 F: 0388919301 E: mohdismail@moe.gov.my	Puan Rosiah Binti Hanan T: 0388919008 E: rosiah.hanan@moe.gov.my
2	Timbalan Ketua Pengarah (Perancangan) <i>Deputy Director - General (Planning)</i>	YBrs. Ts. Dr. Mohammad Naim Bin Yaakub T: 0388919027 F: 0388919061 E: naim.yaakub@moe.gov.my	Puan Norsyahidah Binti Mohdsani T: 0388919005 E: norsyahidah.sani@moe.gov.my
3	Timbalan Ketua Pengarah (Governan) <i>Deputy Director - General (Governance)</i>	Ts. Haji Mohamad Amin Bin Hamat T: 0388919004 F: 0388919061 E: amin.hamat@moe.gov.my	Puan Siti Sarah Binti Ab Rahman T: 0388919013 E: sitisarah.rahaman@moe.gov.my
4	Pengarah Kanan (Akademik) <i>Senior Director (Academic)</i>	Puan Zainab Binti Ahmad T: 0388919002 F: 0388919306 E: zainab.ahmad@moe.gov.my	Cik Nor Anis Aliza Binti Mohd Khalid T: 0388919022 E: anisaliza.khalid@moe.gov.my
5	Pengarah Kanan (Kompetensi) <i>Senior Director (Competency)</i>	YBrs. Dr. Mohd Rashahidi @ Rusdi Bin Mohamood T: 0388919017 F: 0388919300 E: mohdrashahidi@moe.gov.my	Puan Nor Hasmaniza Bt Ahmad T: 0388919238 E: hasmaniza.ahmad@moe.gov.my
6	Pengarah Bahagian Khidmat Pengurusan <i>Director of Management Services Division</i>	Puan Nooraidah Binti Abdullah T: 0388919111 F: 0388919300 E: nooraidah.abd@moe.gov.my	Puan Siti Zulaiha Binti Mohd T: 0388919010 E: zulaiha.mohd@moe.gov.my
7	Pengarah Bahagian Koordinasi TVET <i>Director of TVET Coordination Division</i>	YBrs. Dr. Shamsuri Bin Abdullah T: 0388887566 F: 0388919314 E: shamsuri.a@moe.gov.my	Puan Nurul Atikah Bt Arif T: 0388887199 E: atikaharif@moe.gov.my

Bil. No.	Jawatan & Bahagian Position & Division	Nama Name	Setiausaha Pejabat Office Secretary
8	Pengarah Bahagian Perancangan Program dan Institusi <i>Director of Programme and Institution Planning Division</i>	Ts. Haji Muhamad Rumzi Bin Mamat T:0388919203 F: 0388919316 E: rumzi.mamat@moe.gov.my	Puan Raja Norhaslinda Bt Raja Abdul Shukor T: 0388919011 E: rajanorhaslinda@moe.gov.my
9	Pengarah Pusat Penyelidikan dan Inovasi <i>Director of Research and Innovation Centre</i>	YBrs. Dr. Ishak Bin Mohamad T:0388919213 F: 0388919300 E: ishak.mohamad@moe.gov.my	Cik Norsuhana Binti Sha'rani T: 0388919228 E: suhana.sharani@moe.gov.my
10	Pengarah Bahagian Governan dan Kecemerlangan <i>Director of Governance and Excellence Division</i>	Tuan Haji Mohd Nasir Bin Abd Ghani T:0388882877 F: 0388887211 E: mohdnasir.ghani@moe.gov.my	Puan Nor Azila Bt Borham T: 0388882787 E: azila.borham@moe.gov.my
11	Pengarah Bahagian Kolaborasi Industri dan Komuniti <i>Director of Industry and Community Collaboration Division</i>	Ts. Zainah Bt Rujihan T:0388883211 F: 0388885625 E: zainah.rujihan@moe.gov.my	Puan Nur Ektierrina Binti Haniz T: 0388883511 E: nurektierrina@moe.gov.my
12	Pengarah Bahagian Kurikulum <i>Director of Curriculum Division</i>	Puan Noor Aidi Bt Nadzri T:0388919031 F: 0388919300 E: nooraidi.nadzri@moe.gov.my	Cik Bavani Sri A/P Iyaru T: 0388919033 E: bavani.iyaru@moe.gov.my
13	Pengarah Bahagian Instruksional dan Pembelajaran Digital <i>Director of Instructional and Digital Learning Division</i>	Encik Noor Azizan Bin Itam T:0388919327 F: 0388919300 E: nazizan.itam@moe.gov.my	Puan Yudril Absoro Bt Harun T: 0388919165 E: yudril.harun@moe.gov.my
14	Pengarah Bahagian Peperiksaan dan Penilaian <i>Director of Examination and Evaluation Division</i>	Tuan Haji Rosli Bin Idris T:0388883661 F: 0388885634 E: rosli.idris@moe.gov.my	Puan Noor Aidawani Binti Ali T: 0388882630 E: aidawani.ali@moe.gov.my
15	Pengarah Bahagian Kompetensi dan Peningkatan Kerjaya <i>Director of Competency and Career Enhancement Division</i>	Encik Mohamad Isa Bin Azhari T:0388919241 F: 0388919304 E: isa.azhari@moe.gov.my	Puan Siti Hawa Binti Hamdon T: 0388919289 E: hawa.hamdon@moe.gov.my
16	Pengarah Bahagian Ambilan dan Pembangunan Pelajar <i>Director of Student Admission and Development Division</i>	Tuan Haji Wan Mohamad Nasir Bin Wan Abdul Rahman T:0388883102 F: 0388882111 E: wanmohamdnasir@moe.gov.my	Puan Noor Najeeha Nasha Binti Mohd Salim T: 0388883102 E: najeehanasha@moe.gov.my
17	Ketua Unit Komunikasi dan Hubungan Korporat <i>Director of Communication and Corporate Liaison Unit</i>	Puan Yahurin Binti Mohd. Yassin T:0388882860 F: 0388919300 E: yahurin.myasssin@moe.gov.my	-

DIREKTORI | DIRECTORY

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
1	Politeknik Ungku Omar (PUO) Jalan Raja Musa Mahadi 31400 Ipoh, Perak T: 05-545 7622/7656/7260 F: 05-547 1162 W: www.puo.edu.my No. Daftar Politeknik: POLITEKNIK/001(001)	YBrs. Dr. Haji Zairon Bin Mustapha T: 05-545 7622 samb : 1120 HP: 019-989 9184 Email: pengarahpuo@moe.gov.my	Pn. Zurina Binti Abdul Rahman T: 05-545 7622 samb. 1128 HP: 012-666 4817 E: zurina@pnu.edu.my	Pn. Nur Azrina binti Zainal Ariff T: 05-5425504 HP: 012-301 1412 E: nurazrina@pnu.edu.my nurazrina.zainalariff@gmail.com
2	Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA) Persiaran Usahawan, Seksyen U1 40150 Shah Alam, Selangor T: 03-5163 4000 F: 03-5569 1903 W: www.psa.edu.my No. Daftar Politeknik: POLITEKNIK/008(001)	YBrs. Dr. Haji Mohd Zahari Bin Ismail T: 03-5163 4005 HP: 012-492 9065 E: pengarahpsa@moe.gov.my	Pn. Auzaimah Binti Omar @ Othman T: 03-5163 4005 HP: 011-21123375 E: auzaimah@psa.edu.my	En. Abdul Sharif bin Abd. Kadir T: 03-5163 4006 HP: 012-271 2301 E: sharif7478@gmail.com
3	Politeknik Ibrahim Sultan (PIS) KM. 10, Jalan Kong Kong 81700 Pasir Gudang, Johor T: 07-261 2488 F: 07-261 2402 W: www.pis.edu.my No. Daftar Politeknik: POLITEKNIK/009(001)	Pn. Hajah Rashidah Binti Mustapa T: 07-261 2401 HP: 013-6304808 E: pengarahpis@moe.gov.my	Pn. Norzalisa binti Johardo T: 07-261 2401 HP: 019-795 4088 E: norzalisa@gmail.com zalisna@pis.edu.my	En. Baniamin bin Abu Bakar T: 07-261 2966 HP: 016-744 5797 E: baniamin@pis.edu.my baniaminab@gmail.com
4	Politeknik Sultan Abdul Halim Mu'adzam Shah (POLIMAS) Persiaran Industri Utama, Bandar Darulaman, 06000 Jitra, Kedah T: 04-914 6100 F: 04-917 4232 W: www.polimas.edu.my No. Daftar Politeknik: POLITEKNIK/003(001)	En. Mohd Noor B Shahudin T: 04-914 6101 HP: 013-435 0150 E: pengarahpolimas@moe.gov.my	Pn. Anita binti Abdullah T: 04-914 6100 samb. 6103 HP: 019-447 2525 E: anitaperlis@gmail.com	En. Mohd Fauzi bin Othman T: 04-914 6100 samb. 6116 HP: 019-475 7123 E: fauzi@polimas.edu.my tungal@gmail.com.my
5	Politeknik Sultan Haji Ahmad Shah (POLISAS) Semambu 25350 Kuantan, Pahang T: 09-565 5300 F: 09-566 3104 W: www.polisas.edu.my No. Daftar Politeknik: POLITEKNIK/002(001)	YBrs. Dr. Abd. Latif Bin Ahmad T: 09-565 5301 HP: - E: pengarahpolisas@moe.gov.my	Cik Normaziah Bt Abu Samah @ Samad T: 09-565 5304 HP: 019-911 6008 E: maziah@polisas.edu.my	Pn. Norazwa binti Mohd Ali T: 09-5655300 samb. 338 HP: 013-387 8858 E: pro@polisas.edu.my azureen1101@gmail.com

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
6	Politeknik Kota Bharu (PKB) KM. 24, Kok Lanas 16450 Ketereh, Kelantan T: 09-788 9126 F: 09-788 8739 W: www.pkb.edu.my No. Daftar Politeknik: POLITEKNIK/004(001)	En. Kamaludin bin Daud T: 09-788 9126 HP:- E: pengarahpkb@moe.gov.my	Pn. Wan Nur Natasha Bt Burdhan T: 09-788 4344 HP: 017-9373679 E: natasha.burdhan@pkb.edu.my	En. Mohd Fatizee bin Ab Aziz T: 09-788 9126 HP: 019-688 1833 E: fatizee@pkb.gov.my
7	Politeknik Kuching Sarawak (PKS) Beg Berkunci 3094, KM. 22 Jalan Matang 93050 Kuching, Sarawak T: 082-845 596 F: 082-845 023 W: www.poliku.edu.my No. Daftar Politeknik: POLITEKNIK/005(001)	-	Pn. Moreen Anak Chaing T: 082-845 099 HP: 016-509 0160 E: moreen@poliku.edu.my	En. Ahmad Suhir bin Abdullah @ Luyan Anak Bansang T: 082-845 596 samb. 217 HP: 019-468 3873 E: luyan@poliku.edu.my
8	Politeknik Port Dickson (PPD) KM. 14, Jalan Pantai 71050 Si Rusa, Negeri Sembilan T: 06-662 2000 F: 06-662 2026 W: www.polipd.edu.my No. Daftar Politeknik: POLITEKNIK/006(001)	En. Roslee Bin Yahya T: 06-662 8316 HP: 013 684 4190 E: pengarahppd@moe.gov.my	Pn. Juliah Binti Aman T: 06-662 2003 HP: 012-614 2405 E: juliah@polipd.edu.my	En. Jamaludin bin Suhaimi T: 06-662 2086 HP: 013-770 5860 E: pro@polipd.edu.my rajanmn64@gmail.com
9	Politeknik Kota Kinabalu (PKK) No. 4, Jalan Politeknik KKIP Barat, Kota Kinabalu Industrial Park 88460 Kota Kinabalu, Sabah T: 088-401 800 F: 088-499 960 / 088-499 970 W: www.polikk.edu.my No. Daftar Politeknik: POLITEKNIK/007(002)	Ts. Zainab binti Othman T: 088-401 801 HP: 013-684 0030 E: pengarahpkk@moe.gov.my	Viviana Nalie Ng @ Nur Afiah Ng Abdullah T: 088-401 802 HP: 014-373 9049 E: viviana@polikk.edu.my nurviviana@gmail.com	Pn. Siti Mariam Binti Aziz Rashid T: 088-401 800 HP: 019-840 7575 E: mariam@polikk.edu.my ctmarizza@gmail.com
10	Politeknik Seberang Perai (PSP) Jalan Permatang Pauh 13500 Permatang Pauh, Pulau Pinang T: 04-538 3322 F: 04-538 9266 W: www.psp.edu.my No. Daftar Politeknik: POLITEKNIK/010(001)	Ts. Haji Mohd Fisal Bin Haroon T: 04-538 3322 samb. 1001 HP: 019-576 7896 E: pengarahpsp@moe.gov.my	Cik Nooradlina Binti Adnan T: 04-538 3322 samb.1033 HP: 019-386 1954 E: adlina@psp.edu.my	Pn. Norlaila binti Ahmad T: 04-538 3322 samb. 1403 HP: 012-310 7451 E: pro@psp.edu.my

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
11	Politeknik Melaka (PMK) No.2, Jalan PPM 10 Plaza Pandan Malim 75250 Balai Panjang, Melaka T: 06-337 6000 F: 06-337 6007 W: www.polimelaka.edu.my No. Daftar Politeknik: POLITEKNIK/011(001)	En. Charim bin Ibrahim T: 06-337 6000 HP:- E: pengarah.polimelaka@moe.gov.my	Pn. Fatimah Araffah Binti Aman T: 06-337 6006 HP: 010-6026386 E: fatimah@polimelaka.edu.my	Pn. Nurul-Fateha binti Md Sandollah T: 06-337 6069 HP: 011-27306593 E: nurul-fateha@politeknikmelaka.edu.my helsateha@gmail.com
12	Politeknik Kuala Terengganu (PKT) Jalan Sultan Ismail 20200 Kuala Terengganu, Terengganu T: 09-6204100 F: 09-6204102 W: www.pkt.edu.my No. Daftar Politeknik: POLITEKNIK/012(001)	YBrs. Dr. Haji Mohd Daud Bin Isa T : 09-620 4100 HP: 019-9388181 E: pengarahpkt.moe.gov.my	Pn. Azliza Binti Abdul Hamid T: 09-620 4100 samb. 202 HP: 019-9898260 E: azliza.poli@1govuc.gov.my	Pn. Nooraini binti Che Aziz T: 09-620 4100 samb. 226 HP: 019-766 3132 E: noorainiaziz@gmail.com
13	Politeknik Sultan Mizan Zainal Abidin (PSMZA) Km. 8, Jalan Paka 23000 Dungun, Terengganu T: 09-8400800 F:09-8458781 W: www.psmza.edu.my No. Daftar Politeknik: POLITEKNIK/013(001)	Sr. Haji Mohd Fikri bin Ismail T: 09-840 0801 HP: 012-9007493 E: pengarahpsmza@moe.gov.my	Pn. Wan Faidatul Hasanah Binti Wan Husain T: 09-840 0803 HP: 014-9687976 E: faidatulhasanah@psmza.edu.my faieyhanah88@gmail.com	En. Zaharuddin bin Ab. Ghani T: 09-840 0822 HP: 019-949 0295 E: zaharuddin@psmza.edu.my
14	Politeknik Merlimau Melaka (PMM) KB 1031, Pejabat Pos Merlimau 77300 Merlimau, Melaka T: 06-263 6687 F: 06-263 6678 W: www.pmm.edu.my No. Daftar Politeknik: POLITEKNIK/014(001)	Tn. Haji Rosli bin Hamid T: 06-263 6690 HP: 013-818 4080 E: pengarahpmm@moe.gov.my	Pn. Quriah Binti Abd Malek T: 06-263 6690 HP: 013-677 5483 E: quriah@pmm.edu.my	En. Rozer Masudin T: 06-263 6687 samb. 1011 HP: 012-242 5481 E: rozer@pmm.edu.my rozer881@gmail.com
15	Politeknik Sultan Azlan Shah (PSAS) Behrang Stesyen 35950 Behrang, Perak T: 05-454 4431 F: 05-454 4993 W: www.psas.edu.my No. Daftar Politeknik: POLITEKNIK/015(001)	YBrs. Dr. Naimah binti Md Khalil T: 05-454 4431 samb. 1001 HP: 019-2310664 E: pengarahpsas@moe.gov.my	Cik Nur Shuhada binti Shaharuddin Amin T: 05-454 4431 samb. 1017 HP: 013-4493866 E: pa.pengarah@psas.edu.my	Pn. Siti Fairuz binti Sariat T: 05-454 4431 samb. 1040 HP: 013-592 6498 E: siti_fairuz@psas.edu.my

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
16	Politeknik Tuanku Sultanah Bahiyah (PTSB) Kulim Hi-Tech Park 09000 Kulim, Kedah T: 04-403 3333 F: 04-403 3033 W: www.ptsb.edu.my No. Daftar Politeknik: POLITEKNIK/016(001)	Pn. Yusma binti Yusof T: 04-403 3333 samb. 2000 HP: 019-594 8593 E: pengaraphtsb@moe.gov.my	Pn. Roshimah Binti Mohamad Rosidi T: 04-403 3333 samb. 2001 HP: 017-365 3764 E: roshimah@ptsb.edu.my	Pn. Amalina Shazwani binti Md. Suhaimi T: 04-403 3333 samb. 2019 HP: 019-577 0475 E: pro@ptsb.edu.my amshazwani@gmail.com
17	Politeknik Sultan Idris Shah (PSIS) Sungai Lang 45100 Sungai Air Tawar, Selangor T: 03-3280 6200 F: 03-3280 6400 W: www.psis.edu.my No. Daftar Politeknik: POLITEKNIK/017(001)	En. Ishanuddin Bin Hussin T: 03-3280 6201 HP: 012-505 5850 E: pengaraphpsis@moe.gov.my	Pn. Norain Farrah Bt Asmungin T: 03-3280 6202 HP: 013-263 9347 E: nfa85@psis.edu.my	En. Mohd Azmi Bin Mh Busra T: 03-3280 6398 HP: 019-667 3710 E: azmi_busra@psis.edu.my azmibusra.psis@gmail.com
18	Politeknik Tuanku Syed Sirajuddin (PTSS) Pauh Putra 02600 Arau, Perlis T: 04-988 6200 F: 04-988 6300 W: www.ptss.edu.my No. Daftar Politeknik: POLITEKNIK/018(001)	En. Abdul Malek bin Hassan T: 04-988 6211 HP: 019-2194799 E: pengaraphtss@moe.gov.my	Pn. Masuri binti Zulkifli T: 04-988 6212 HP: 019- 470 1310 E: surizulkifli@gmail.com	En. Shahril Annuar bin Ahmad T: 04-988 6228 HP: 013-435 8282 E: shahril@ptss.edu.my shahrlannuar.ahmad@gmail.com
19	Politeknik Muadzam Shah (PMS) Lebuhraya Tun Abdul Razak 26700 Muadzam Shah, Pahang T: 09-4502005/2006/2007 F: 09-4502009 W: www.pms.edu.my No. Daftar Politeknik: POLITEKNIK/019(001)	Tn. Haji Hassan bin Ismail T: 09-450 2005 HP: 019-953 6633 E: pengarahpms@moe.gov.my	Pn. Khuzaini Binti Mohamad T: 09-450 2005 samb. 1009 HP: 017-952 5689 E: khuzaini@pms.edu.my	En. Saharrudin bin Mohamed T: 09-450 2095 samb. 1004 HP: 011-25451061 E: sahareudin@pms.edu.my
20	Politeknik Mukah (PMU) Km. 7.5, Jalan Oya 96400 Mukah, Sarawak T: 084-874 001 F: 084-874 005 W: www.pmu.edu.my No. Daftar Politeknik: POLITEKNIK/020(001)	Tn. Haji Abdubrani bin Yunus T: 084-874 001 samb. 8030 HP: 019-410 0311 E: pengaraphmu@moe.gov.my	Pn. Azlina Binti Sahminan T: 084-874 001 samb. 8034 HP: 017-878 3715 E: azlina@pmu.edu.my	En. Charles Sigat ak Asson T: 084-874 001 samb. 8071 HP: 019-879 5042 E: casigat@hotmail.com
21	Politeknik Balik Pulau (PBU) Pinang Nirai, Mukim 6 11000 Balik Pulau, Pulau Pinang T: 04-868 9000 F: 04-869 2061 W: www.pbu.edu.my No. Daftar Politeknik: POLITEKNIK/021(002)	En. Abdul Hanif Bin Mustapha T: 04-868 9001 HP: 019-481 5363 E: pengaraphbu@moe.gov.my	Pn. Suahaili Binti Othman T: 04-868 9002 HP: 012-479 4937 E: suahaili@pbu.edu.my	Pn. Nor Syafiqah binti Abdul Samat T: 04-868 9000 HP: 019-4303891 E: syafiqah@pbu.edu.my

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
22	Politeknik Jeli Kelantan (PJK) Jalan Raya Timur - Barat 17600 Jeli, Kelantan T: 09-944 3600 F: 09-946 2802 W: www.pjk.edu.my No. Daftar Politeknik: POLITEKNIK/022(002)	Tn. Haji Wan Azlan bin Wan Ismail T: 09-944 3601 HP: 013-923 9797 E: pengarahpjk@moe.gov.my	Pn. Nor Hasyima Binti Jaffar T: 09- 944 3602 HP: 019-722 3286 E: hasyima@pjk.edu.my	En. Mohd Nor bin Yusof T: 09-944 3623 F: 09-946 2802 HP: 019-986 7176 E:mohdnor@pjk.edu.my
23	Politeknik Nilai (PNS) Kompleks Pendidikan Bandar Enstek 71760 Bandar Enstek, Negeri Sembilan T: 06-7980400 F: 06-7911269 W: www.polinilai.edu.my No. Daftar Politeknik: POLITEKNIK/023(001)	Tn. Haji Nazri bin Idris T: 06-798 0401 HP: 019-389 1400 E: pengarahpns@moe.gov.my	Pn. Hasniwati Binti Zariman T: 06-798 0490 HP: 014-520 2532 E: hasniwati@polinilai.edu.my	En. Mohd Shazwan bin Dzulkapli T: 06-7980400 samb. 415 HP:019-6619156 E: m.shazwan@polinilai.edu.my
24	Politeknik Banting Selangor (PBS) Persiaran Ilmu, Jalan Sultan Abdul Samad 42700 Banting, Selangor T: 03-31201625 F: 03-31201706 W: www.polibanting.edu.my No. Daftar Politeknik: POLITEKNIK/024(002)	YBrs. Dr. Hajah Norhayati binti Zakaria T: 03-3120 1625 HP: 012-3853963 E: pengarahpbs@moe.gov.my	Pn. Anipah Binti Tariman T: 03-3120 1637 samb. 221 HP: 012-696 4954 E: anipah@polibanting.edu.my	Pn. Huwaina Jasmin binti Hussin T: 03-3120 1625 HP: 011-1032 0119 E: huwaina@polibanting.edu.my mshazwan79@gmail.com
25	Politeknik Mersing (PMJ) Jalan Nitar, 86800 Mersing, Johor T: 07-798 0001 F: 07-798 0002 W: www.pmj.edu.my No. Daftar Politeknik: POLITEKNIK/025(002)	Tn. Haji Hassan bin Siraj T: 07-798 0003 HP: 013-818 4080 E: pengarahpmj@moe.gov.my	Pn. Noor Sulaizah Bte Sulaiman T: 07-798 0001 samb. 2535 HP: 019-742 8474 E: sulaizah@pmj.edu.my	Pn. Suraya Hani Binti Kamarolzaman T: 07-798 0001 HP: 012-7610137 E: surayahani.pmj@gmail.com hani@pmj.edu.my
26	Politeknik Hulu Terengganu (PHT) Bangunan Kedai 3 Tingkat, Majlis Daerah Hulu Terengganu, 21700 Kuala Berang, Terengganu T: 09-682 5555 F: 09-682 5556 W: www.pht.edu.my No. Daftar Politeknik: POLITEKNIK/026(001)	Tn. Haji Wan Mohd Hujjatullah Bin Wan Ghazali T: 09-682 5557 samb. 101 HP:012-621 9365 E: pengarahpht@moe.gov.my	Cik Yuraniza Binti Mohd Yusof T: 09-682 5555 HP: 013-4748672 E: yuraniza@pht.edu.my	Pn. Nurul Ilyani binti Abdullah T: 09-682 5555 samb. 320 HP: 013-492 8006 E: ilyani@pht.edu.my

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
27	Politeknik Sandakan Sabah (PSS) Education Hub Batu 10, Jalan Sungai Batang 90000 Sandakan, Sabah T: 089-228351/228354 F: 089-228325 W: www.pss.edu.my No. Daftar Politeknik: POLITEKNIK/027(002)	En. Tajul Ariffin bin Mohamed Arif T: 089-228 351 samb. 227 HP: 012-983 9435 E: pengaraphss@moe.gov.my	Pn. Zuraiah Binti Mohd Zaini T: 089-228 351 HP: 014-654 4757 E: zuraiyah@pss.edu.my zuraihmdzaini@gmail.com	-
28	Politeknik METR0 Kuala Lumpur (PMKL) No 2-14, Jln Setiawangsa 10 Taman Setiawangsa 54200 Kuala Lumpur T: 03-42518000 F: 03-42517979 W: www.pmk.edu.my No.Daftar Politeknik: POLITEKNIK/028(001)	En. Hikmatullah bin Hajid Ahmad Khan T: 03-4251 8000 samb. 104 HP: 013-806 7285 E: pengaraphpmkl@moe.gov.my	Pn. Umi Nadia binti Zakaria T: 03-4251 8000 samb. 171 HP: 017-288 6742 E: uminadia87@gmail.com	Pn. Nadia Anis binti Ramli T: 03-4251 8000 samb. 207 HP: 016-22444620 E: Nadiayaanies890@yahoo.com.my
29	Politeknik METR0 Johor Bahru (PMJB) No. 64 Jalan Suria 19 Taman Putra 81100 Johor Bahru, Johor T: 07-3358851/52/53 F: 07-3358854 W: www.pmjb.edu.my No. Daftar Politeknik: POLITEKNIK/029(001)	Tn. Haji Azirin Bin Abdul Aziz @ Nong T: 07-335 8851 HP: 019-2655209 E: pengaraphpmjb@moe.gov.my	En. Hairulrizal Shah Bin Baharom @ Haron (menanggung tugas) T: 07-335 8851 samb. 2014 HP: 011-2781 7708 E: su.pmjb@gmail.com	Pn. Diana Lee Phooi Yan T: 07-335 8851 HP: 012-7036988 E: diana.lee@pmjb.edu.my
30	Politeknik METR0 Kuantan (PMKU) No.A-5 JalanTun Ismail 2, Sri Dagangan II 25000 Kuantan, Pahang T: 09-5659000 F: 09-5173259 W: www.pmk.edu.my No.Daftar Politeknik: POLITEKNIK/30(001)	En. Mohd Jalil bin Che Yusof T: 09-565 9001 HP: 019-9166003 E: pengaraphpmku@moe.gov.my	Pn. Samsida Azila Binti Ishak T: 09-565 9000 HP: 014-820 2860 E: samsida@pmku.edu.my	Cik Lee Pui Har T: 09-565 9079 HP: 011-36568436 E: puihar@pmku.edu.my
31	Politeknik METR0 Betong Sarawak (PMBS) 1-12 Phase 2, Betong Newtown Ship Jalan Baru Betong 95700 Betong Sarawak T: 083-472676 F: 083-472991 W: www.pmb.edu.my No. Daftar Politeknik: POLITEKNIK/031(001)	En. Suhaili bin Aleh T:083-472676 HP:- E: pengaraphpmb@moe.gov.my	Pn. Vanessa Tambong Anak Dominick T: 083-472 676 samb. 102 HP: 013-8244955 E: vanessa@pmb.edu.my	Cik Juliette Emah Anak Jali T: 083-472 676 samb.105 HP: 014-5933402 E: juliette@pmb.edu.my

Bil. No.	Nama dan Alamat Politeknik <i>Name and Address of Polytechnics</i>	Pengarah <i>Director</i>	Setiausaha Pejabat <i>Office Secretary</i>	Pegawai Perhubungan Awam <i>Public Relations Officer</i>
32	Politeknik METRo Tasek Gelugor (PMTG) No. 25 Jalan Komersial 2 Pusat Komersial Tasek Gelugor 13300 Tasek Gelugor, Pulau Pinang T: 04-573 2789 F: 04-573 2087 W: www.pmtg.edu.my No. Daftar Politeknik: POLITEKNIK/032(002)	Ts. Zulkurnain Bin Shahadan T: 04-573 2789 HP: 019- 555 4187 E: pengaraphmtg@moe.gov.my	Pn. Mashitah Binti Che Hussain T: 04-573 2789 HP: 017-571 5770 E: mashitah@pmtg.edu.my	Nur Jannah Zainol Abidin T: 04-390 4799 HP: 011-37529805 E: jannahhzainol@gmail.com
33	Politeknik Tun Syed Nasir Syed Ismail (PTSN) Hab Pendidikan Tinggi Pagoh KM 1 Jalan Panchor 84600 Pagoh, Muar, Johor T: 06-974 2288 F: 06-974 2395 W: www.ptsn.edu.my No. Daftar Politeknik: POLITEKNIK/033(001)	En. Abdul Razak Bin Senan T: 06-974 2206 HP: 019-240 8388 E: pengarapptsn@moe.gov.my		En. Muhamad Hafizuddin Bin Razli T: 06-974 2208 HP: 017-791 8980 E: apis.nas@gmail.com hafizuddin@ptsn.edu.my
34	Politeknik Besut Terengganu (PBT) Lot 7222 Kampung Raja 22200 Besut, Terengganu T: 09-695 0627/628 F: 09-6950627 W: - No. Daftar Politeknik: POLITEKNIK/034(002)	En. Che Mukhtar Bin Bakar T: 09-695 0627 HP: 013-9210228 E: pengaraphbt@moe.gov.my	-	-
35	Politeknik Bagan Datuk (PBD) No 1, Pt 8121, Lorong Lagenda 1 Medan Niaga Lagenda, 36400 Hutan Melintang, Perak T: 05-6413416/3205 F: 05-641 3570 W: - No. Daftar Politeknik: POLITEKNIK/035(002)	Tn. Haji Nidzar Bin Che Ani T: 05-641 3416 HP: 012-581 0772 E: pengaraphbd@moe.gov.my	-	-
36	Politeknik Tawau Sabah (PTS) D/A IPG Kampus Tawau KM 36, Jalan Balung 91009 Tawau, Sabah T: 089-950 500 F: - W: - No. Daftar Politeknik: POLITEKNIK/036(002)	Tn. Haji Ulaimi bin Yahya T: 089-950500 HP: 019-919 6953 E: pengarahpts@moe.gov.my		En. Alfian Bin Thomas T : 089-950500 H/P : 019-326 1269 E : alfian@politätawau.edu.my alfian.thomas@gmail.com

DIREKTORI COT | COT DIRECTORY

Centre of Technology (COT) merupakan sebuah pusat di mana ilmu pengetahuan dan teknologi dalam bidang tujuan di Politeknik digunakan dan diaplikasikan melalui:

- Pemberian perkhidmatan kepakaran;
- Pelaksanaan aktiviti penyelidikan dan inovasi;
- Kecemerlangan dalam pengajaran dan pembelajaran;
- Pusat rujukan bagi komuniti dan industri yang berkaitan.

COT ditubuhkan untuk menonjolkan pelbagai bidang tujuan dan teknologi khusus untuk membantu Politeknik dalam menghasilkan graduan yang berkualiti tinggi, inovatif, berdaya usahawan, berkemahiran tinggi dan kompetitif.

Centre of Technology (COT) is envisaged to be the Centre whereby knowledge and technology in the niche areas are utilised and applied through:

- Expert consultation;
- Implementation of research and innovation activities;
- Excellence in teaching and learning;
- Reference centre for the community and relevant industries.

The COTs are established to lead various niche areas and specific technology to assist Polytechnics in producing top quality, innovative, entrepreneurial, highly employable and competitive graduates.

VISI | VISION //

Menjadi Centre of Technology (COT) yang diiktiraf oleh komuniti dan industri dalam bidang tujuan di dalam dan luar negara.

To become the Centre of Technology in the niche areas that is recognised by the communities and industries at national and international levels.

MISI | MISSION //

Menggalakkan kecemerlangan dalam bidang tujuan melalui perkhidmatan kepakaran, penyelidikan dan inovasi, pengajaran dan pembelajaran.

To promote excellence in the niche areas through expertise, research and innovation as well as training services.

OBJEKTIF COT | COT OBJECTIVE

- 1** Membudayakan perkongsian kepakaran, penyelidikan, inovasi serta pengajaran dan pembelajaran berkualiti dalam bidang tujuan;

To cultivate the sharing of expertise, research, innovation and high quality training services in the niche areas;

- 2** Mempergiatkan kerjasama dengan komuniti dan industri berkaitan bidang tujuan;

To intensify community and industry collaboration in the niche areas;

- 3** Menggalakkan penulisan dan penerbitan ilmiah berkaitan bidang tujuan;

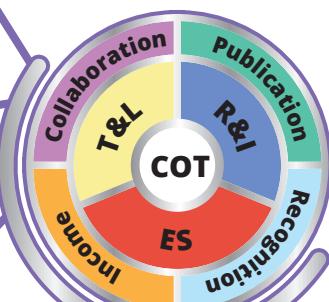
To promote academic writing and publication in the niche areas;

- 4** Meningkatkan pencapaian dan pengiktirafan dalam bidang berkaitan bidang tujuan di peringkat dalam dan luar negara;

To improve the achievement and recognition in the niche areas at national and international levels; and

- 5** Menjana pendapatan melalui aktiviti khidmat kepakaran, penghasilan penyelidikan dan inovasi dalam bidang tujuan.

To generate income through expert consultation, research and innovation as well as training services in the niche areas.



Berikut adalah senarai COT Politeknik yang telah diberi pengiktirafan:
Here is the list of COT Polytechnic that has been recognized:

Bil. No.	Polytechnic Polytechnic	Nama COT Centre of Technology	Bidang Tujuan Niche Area	Rakan Kerjasama Partners	Pengurus Manager
1	PUO	 Centre of Technology in Marine Engineering (CTME)	Kejuruteraan Perkapalan <i>Marine Engineering</i>	<ul style="list-style-type: none"> • BHIC Marine Technology Academy • Boustead Naval Shipyard Sdn.Bhd. • Micro Precision Engineering & Services Sdn. Bhd. • Akademi Maritim Sultan Ahmad Shah 	En. Zakiman bin Ali T: 05 – 5457 622 / 5457 656 Ext. 1671 E: zakizali@puo.edu.my
2	PUO	 Centre of Air-conditioning & Refrigeration (CARE)	Penyamanan Udara & Penyejukbekuhan <i>Air-conditioning & Refrigeration</i>	<ul style="list-style-type: none"> • Shinryo (Malaysia) Sdn. Bhd. • WELDMART • POSTECH Co.Ltd., Korea • United Technologies Corporation 	En. Muhammad Redzuan bin Che Noordin T: 019 – 996 0068 E: mredzuannoordin@puo.edu.my
3	PSA	 Centre for Medical Electronic Technology (CMET)	Elektronik Perubatan <i>Medical Electronic</i>	<ul style="list-style-type: none"> • Next Level Technology S.B. • SIRIM Standards Technology Sdn. Bhd. • Advance Pact Sdn. Bhd. 	Pn. Nor Sham binti Hassan T: 03-5163 4000 Ext.1299 E: norsham@psa.edu.my
4	PIS	 Creative Design Centre (CDeC)	Rekaan Kreatif <i>Creative Design</i>	<ul style="list-style-type: none"> • Creative Media & Technology Hub, UiTM • Packaging Design Centre SIRIM Berhad 	Pn. Maria binti Mohammad T: 07 – 261 2488 E: maria_mohammad@pis.edu.my
5	PSAS	 Polytechnic Centre of Technology in Automotive and Manufacturing (PolCAM)	Automatif & Pembuatan <i>Automotive & Manufacturing</i>	<ul style="list-style-type: none"> • STE Industries Sdn. Bhd. • Babaritos Delight • Halagel Product Sdn. Bhd. • Motorsport Consortium • Fakulti Kej. Mekanikal & Pembuatan UTM 	En. Wan Mohd Naguib bin Wan Abd. Rahman T: 05-454 4431 E: naguib@psas.edu.my
6	POLIAS	 Centre of Food Science and Technology	Teknologi Makanan <i>Food Technology</i>	<ul style="list-style-type: none"> • Cargill Palm Products Sdn. Bhd. • Jabatan Pertanian Pahang • Pejabat Kesihatan Kuantan 	En. Azhary bin Yahaya T: 09-566 1300 E: azhary@polisas.edu.my
7	POLIMAS	 Centre of Town and Regional Planning	Perancangan Bandar dan Wilayah <i>Town and Regional Planning</i>	<ul style="list-style-type: none"> • Malaysia Peninsular Town And Country Planning Department • Kedah Town And Country Planning Department • Majlis Perbandaran Kangar • Far Planners Sdn. Bhd. 	Pn. Faezah binti Yahaya T: 04-914 6100 Ext. 6284 E: faezah3232@gmail.com
8	PPD	 Centre of Architecture technology	Seni Bina <i>Architecture</i>	<ul style="list-style-type: none"> • Ansan University, Seoul, Korea • Politeknik Aceh, Indonesia • Government of langkat, Medan, Indonesia 	Dr. Isham Shah bin Hassan T: 013 – 339 5710 E: ishamnurul1@hotmail.com

JADUAL 1: SENARAI POLITEKNIK DAN BIDANG TUJAHAN

TABLE 1: LIST OF POLYTECHNICS AND NICHE AREAS

Kategori Politeknik: Premier <i>Polytechnic Category: Premier</i>	Bil. No.	Nama Penuh Politeknik <i>Polytechnic Full Name</i>	Ringkasan Short Form	Bidang Tujahan Niche Areas
Ciri-ciri / Features • Ke arah institusi yang menganugerahkan ijazah / Towards a degree awarding institution • Autonomi separa / Partial autonomy • Syarat kemasukan pelajar setara Universiti Awam / Intake qualification equivalent to public universities	1	Politeknik Ungku Omar*	PUO	• Kejuruteraan Perkapalan / Marine Engineering • Kejuruteraan Mekanikal (Penyamanan Udara dan Penyejukuan) Mechanical Engineering (Air Conditioning and Refrigeration)
	2	Politeknik Sultan Salahuddin Abdul Aziz Shah*	PSA	• Kejuruteraan Elektronik (Perubatan) / Electronic Engineering (Medical)
	3	Politeknik Ibrahim Sultan*	PIS	• Seni Reka Kreatif dan Reka Bentuk Industri / Creative & Industrial Design
Kategori Politeknik: Konvensional <i>Polytechnic Category: Conventional</i>	Bil. No.	Nama Penuh Politeknik <i>Polytechnic Full Name</i>	Ringkasan Short Form	Bidang Tujahan Niche Areas
Ciri-ciri / Features • Kepelbagaiannya program / Variety of programmes • Berasaskan keperluan wilayah dan negara / Based on the needs of the region and nation • Lokasi merentasi seluruh negara / Spread across the nation • Syarat kemasukan minimum / Minimum academic entry requirements	4	Politeknik Sultan Haji Ahmad Shah*	POLIAS	• Teknologi Makanan / Food Technology
	5	Politeknik Sultan Abdul Halim Mu'adzam Shah*	POLIMAS	• Perancangan Bandar dan Wilayah / Town and Regional Planning
	6	Politeknik Kota Bharu*	PKB	• Ukur Bahan / Quantity Surveying
	7	Politeknik Kuching Sarawak	PKS	• Kejuruteraan Proses / Process Engineering
	8	Politeknik Port Dickson*	PPD	• Seni Bina / Architecture
	9	Politeknik Kota Kinabalu	PKK	• Teknologi Berasaskan Kayu / Wood-Based Technology
	10	Politeknik Seberang Perai*	PSP	• Pengurusan Logistik dan Rangkaian Bekalan / Logistics and Supply Chain Management • Kejuruteraan Mekanikal (Tekstil) / Mechanical Engineering (Textile)
	11	Politeknik Melaka	PMK	• Kejuruteraan Awam (Sistem Bangunan Perindustrian) / Civil Engineering (Industrialized Building System)
	12	Politeknik Kuala Terengganu	PKT	• Teknologi Maklumat (Pengaturcaraan) / Information Technology (Programming)
	13	Politeknik Sultan Mizan Zainal Abidin	PSMZA	• Kejuruteraan Mekanikal (Automotif) / Mechanical Engineering (Automotive)
	14	Politeknik Merlimau Melaka	PMM	• Hospitaliti dan Pelancongan / Tourism and Hospitality
	15	Politeknik Sultan Azlan Shah*	PSAS	• Kejuruteraan Pembuatan dan Automotif / Automotive and Manufacturing Engineering

Kategori Politeknik: Konvensional <i>Polytechnic Category: Conventional</i>	Bil. No.	Nama Penuh Politeknik Polytechnic Full Name	Ringkasan Short Form	Bidang Tujuan Niche Areas
Ciri-ciri / Features <ul style="list-style-type: none"> • Kepelbagaiannya program / <i>Variety of programmes</i> • Berasaskan keperluan wilayah dan negara / <i>Based on the needs of the region and nation</i> • Lokasi merentasi seluruh negara / <i>Spread across the nation</i> • Syarat kemasukan minimum / <i>Minimum academic entry requirements</i> 	16	Politeknik Tuanku Sultanah Bahiyah	PTSB	• Kejuruteraan Mekatronik / <i>Mechatronic Engineering</i>
	17	Politeknik Sultan Idris Shah	PSIS	• Teknologi Alam Sekitar / <i>Environmental Technology</i>
	18	Politeknik Tuanku Syed Sirajuddin	PTSS	• Seni Digital / <i>Digital Arts</i> • Pengajian Video dan Filem / <i>Video and Film Studies</i>
	19	Politeknik Muadzam Shah	PMS	• Kejuruteraan Mekanikal (Automasi) / <i>Mechanical Engineering (Automation)</i>
	20	Politeknik Mukah	PMU	• Teknologi Maklumat (Rangkaian) / <i>Information Technology (Networking)</i>
	21	Politeknik Balik Pulau	PBU	• Teknologi Maklumat (Pengaturcaraan) / <i>Information Technology (Programming)</i>
	22	Politeknik Jeli Kelantan	PJK	• Agroteknologi / <i>Agrotechnology</i>
	23	Politeknik Nilai Negeri Sembilan	PNS	• Bioteknologi / <i>Biotechnology</i>
	24	Politeknik Banting Selangor	PBS	• Kejuruteraan Penyenggaraan Pesawat / <i>Aircraft Maintenance Engineering</i>
	25	Politeknik Mersing Johor	PMJ	• <i>Embedded Technology</i>
	26	Politeknik Hulu Terengganu	PHT	• Pengurusan Pelancongan / <i>Tourism Management</i>
	27	Politeknik Sandakan Sabah	PSS	• Akuakultur / <i>Aquaculture</i>
	28	Politeknik Tun Syed Nasir Syed Ismail	PTSN	• Petrokimia / <i>Petrochemical</i>
	29	Politeknik Besut Terengganu	PBT	• Teknologi Kreatif / <i>Creative Technology</i>
	30	Politeknik Bagan Datuk	PBD	• Kejuruteraan Perkapalan / <i>Marine Engineering</i>
	31	Politeknik Tawau Sabah	PTS	• Pengurusan Pelancongan / <i>Tourism Management</i>

Kategori Politeknik: Metro <i>Polytechnic Category: Metro</i>	Bil. No.	Nama Penuh Politeknik Polytechnic Full Name	Ringkasan Short Form	Bidang Tujuan Niche Areas
Ciri-ciri / Features <ul style="list-style-type: none"> • Bidang perkhidmatan / <i>Service programmes</i> • Berasaskan persekitaran sosio ekonomi masyarakat bandar / <i>Tailored to suit the socio economy of the urban community</i> • Program pembelajaran terpadu / <i>Blended learning programmes</i> • Berdekatan dengan pengangkutan awam dan kemudahan / <i>Easy access to public transportation and facilities</i> • Syarat kemasukan minimum / <i>Minimum academic entry qualification</i> 	32	Politeknik METR0 Kuala Lumpur	PMKL	Tidak Berkaitan
	33	Politeknik METR0 Kuantan	PMKU	Tidak Berkaitan
	34	Politeknik METR0 Johor Bahru	PMJB	Tidak Berkaitan
	35	Politeknik METR0 Betong Sarawak	PMBS	Tidak Berkaitan
	36	Politeknik METR0 Tasek Gelugor	PMTG	Tidak Berkaitan

Nota / Note:

* 9 Politeknik yang mendapat pengiktirafan Emas APACC.

* 9 Polytechnics with APACC (Asia Pacific Accreditation and Certification Commission) Gold recognition.

JADUAL 2(a): PENUBUHAN DAN KAPASITI POLITEKNIK
 TABLE 2(a): ESTABLISHMENT AND POLYTECHNIC CAPACITY

Bil. No.	Politeknik Polytechnic	Rancangan Malaysia (RMK) Malaysia Plan		Tahun Mula Beroperasi Operational Year		Kapasiti Asal Original Capacity	Kapasiti Semasa/Naik Taraf Current/Upgraded Capacity	Punca Kewangan Source of Funding
		Diluluskan Approved	Dibina Constructed	Kampus Sementara Transit Campus	Kampus Tetap Permanent Campus			
1	PUO	2	2	1969	1974	1,000	5,000	UNESCO
2	POLASAS	3	3,4	1976	1983	1,200	5,000	Tempatan/Local
3	POLIMAS	4	4,5	1984	1987	1,200	5,000	Bank Dunia/World Bank
4	PKB	4	4,5	1985	1988	1,200	5,000	Bank Dunia/World Bank
5	PKS	4	4,5	1988	1989	1,200	5,000	Bank Dunia/World Bank
6	PPD	6	7	1990	1990	1,200	5,000	Bank Dunia/World Bank
7	PKK	7	7,8	1996	2003	3,600	3,600	Bank Dunia/World Bank
8	PSA	6	6,7	-	1997	3,600	3,600	Bank Dunia/World Bank
9	PIS	6	6,7	1998	1998	3,600	3,600	Bank Dunia/World Bank
10	PSP	6	7	-	1998	3,600	3,600	Bank Dunia/World Bank
11	PMK	7	7	1999	1999	640	1,500	Tempatan/Local
12	PKT	7	7	1999	1999	640	640	Tempatan/Local
13	PSMZA	6	7	2001	2001	3,600	3,600	Tempatan/Local
14	PMM	7	7,8	2002	2002	3,600	3,600	Tempatan/Local
15	PSAS	7	7,8	2002	2003	3,600	3,600	Tempatan/Local
16	PTSB	7	7,8	2002	2003	3,600	3,600	Tempatan/Local
17	PSIS	7	8	2003	2003	3,600	3,600	Tempatan/Local

Bil. No.	Politeknik Polytechnic	Rancangan Malaysia (RMK) Malaysia Plan		Tahun Mula Beroperasi Operational Year		Kapasiti Asal Original Capacity	Kapasiti Semasa/Naik Taraf Current/ Upgraded Capacity	Punca Kewangan Source of Funding
		Diluluskan Approved	Dibina Constructed	Kampus Sementara Transit Campus	Kampus Tetap Permanent Campus			
18	PTSS	7	8	2003	2003	3,600	3,600	Tempatan/Local
19	PMS	7	7,8,9	2003	2010	3,600	3,600	Tempatan/Local
20	PMU	8	8	2004	2005	3,600	3,600	Tempatan/Local
21	PBU	8,9	8,9,10	2007	2013	2,000	2,000	Tempatan/Local
22	PJK	9	9,10	2008	2013	1,200	1,200	Tempatan/Local
23	PNS	8,9	9,10	2007	2011	2,400	2,400	Tempatan/Local
24	PBS	9	9,10	2008	2012	1,200	1,200	Tempatan/Local
25	PMJ	8,9	9,10	2008	2012	2,400	2,400	Tempatan/Local
26	PHT*	9	10,11	2008	Dalam pembinaan / Under construction	-	480	Tempatan/Local
27	PSS	8,9	9,10	2008	2011	1,200	1,200	Tempatan/Local
28	PMKL	9	9,10	2011	2011	630	630	Tempatan/Local
29	PMKU	9	9,10	2011	2011	450	450	Tempatan/Local
30	PMJB	10	10	2011	2013	600	600	Tempatan/Local
31	PMBS	10	10	2012	2013	600	600	Tempatan/Local
32	PMTG	10	10	2012	2015	450	450	Tempatan/Local
33	PTSN	10	10,11	2014	2017	3,600	3,600	Inisiatif Pembiayaan Swasta / Private Finance Initiative (PFI)
34	PBT*	11	11	2017	Dalam pembinaan / Under construction	-	150	Tempatan/Local
35	PBD*	11	11	2017	Dalam pembinaan / Under construction	-	150	Tempatan/Local
36	PTS*	11	11	-	Dalam pembinaan / Under construction	-	-	Tempatan/Local

Nota / Note:

* Politeknik beroperasi di kampus sementara.

* Polytechnic operating at transit campus.

JADUAL 2(b): KAPASITI DAN BILANGAN PENGHUNI ASRAMA MENGIKUT POLITEKNIK (OKT. 2018)
 TABLE 2(b): HOSTEL CAPACITY AND NO. OF RESIDENTS BY POLYTECHNIC (OCT. 2018)

Bil. No.	Politeknik Polytechnics	Kapasiti Capacity		Jumlah Total	Bil. Penghuni No. of Residents		Jumlah Total	Catatan Remarks
		L / M	P / F		L / M	P / F		
1	PUO	1,500	1,000	2,500	1,334	924	2,258	Asrama PFI / PFI Hostel
2	POLIAS	950	1,760	2,710	783	1,604	2,387	Asrama baharu/naik taraf / New/Upgraded Hostel
3	POLIMAS	682	712	1,394	631	689	1,320	Asrama baharu/naik taraf / New/Upgraded Hostel
4	PKB	806	1,612	2,418	748	1,320	2,068	Asrama PFI baharu/naik taraf / New/Upgraded PFI Hostel
5	PKS	1,058	1,200	2,258	1,032	1,198	2,230	Asrama baharu/naik taraf / New/Upgraded Hostel
6	PPD	1,080	1,500	2,580	964	1,172	2,136	Asrama PFI baharu/naik taraf / New/Upgraded PFI Hostel
7	PKK	1,008	1,512	2,520	809	1,166	1,975	Asrama baharu/naik taraf / New/Upgraded Hostel
8	PSA	636	636	1,272	366	356	722	Asrama baharu/naik taraf / New/Upgraded Hostel
9	PIS	1,260	1,000	2,260	971	758	1,729	Asrama PFI baharu/naik taraf / New/Upgraded PFI Hostel
10	PSP	926	1,352	2,278	926	1,327	2,253	Asrama PFI baharu/naik taraf / New/Upgraded PFI Hostel
11	PMK	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
12	PKT	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
13	PSMZA	930	500	1,430	759	505	1,264	-
14	PMM	702	702	1,404	620	661	1,281	-
15	PSAS	702	702	1,404	537	583	1,120	-
16	PTSB	702	702	1,404	620	696	1,316	-
17	PSIS	1,003	1,683	2,686	919	1,609	2,528	-
18	PTSS	1,080	2,520	3,600	983	2,072	3,055	-
19	PMS	1,800	1,800	3,600	1,252	1,707	2,959	Asrama baharu/naik taraf / New/Upgraded Hostel
20	PMU	1,336	1,477	2,813	1,207	1,411	2,618	-
21	PBU	250	750	1,000	176	437	613	Asrama baharu/naik taraf / New/Upgraded Hostel
22	PJK	500	1,000	1,500	410	504	914	Asrama PFI / PFI Hostel
23	PNS	404	808	1,212	344	673	1,017	Asrama baharu/naik taraf / New/Upgraded Hostel

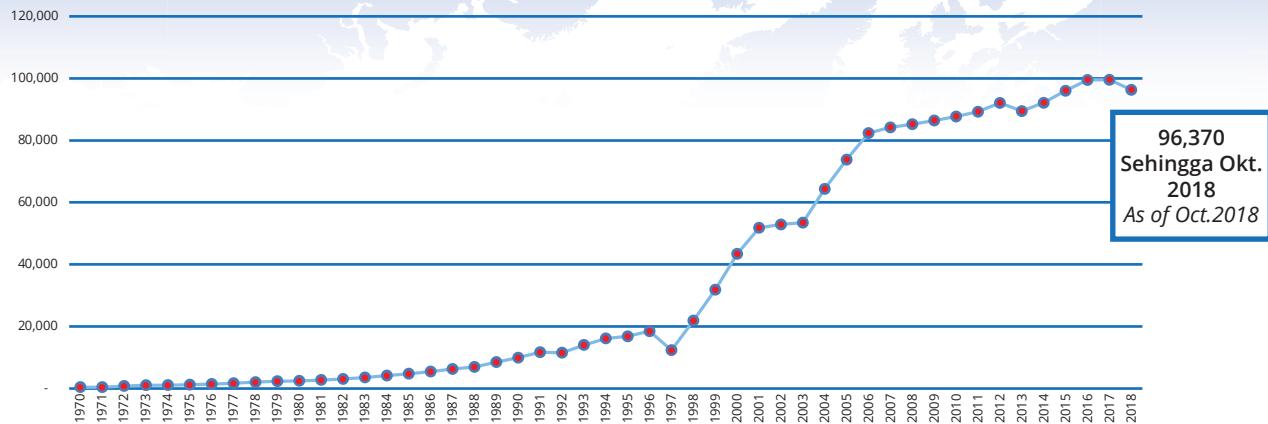
Bil. No.	Politeknik Polytechnics	Kapasiti Capacity		Jumlah Total	Bil. Penghuni No. of Residents		Jumlah Total	Catatan Remarks
		L / M	P / F		L / M	P / F		
24	PBS	1,000	500	1,500	210	83	293	Asrama PFI / PFI Hostel
25	PMJ	400	800	1,200	371	750	1,121	Asrama baharu/naik taraf / New/Upgraded Hostel
26	PHT*	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
27	PSS	278	284	562	264	284	548	-
28	PMKL	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
29	PMKU	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
30	PMJB	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
31	PMBS	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
32	PMTG	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
33	PTSN	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
34	PBT*	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
35	PBD*	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
36	PTS*	-	-	-	-	-	-	Tiada kemudahan asrama / Hostel facility is not provided
JUMLAH / TOTAL		20,993	26,512	47,505	17,236	22,489	39,725	

Nota / Note:

* Politeknik beroperasi di kampus sementara.

* Polytechnic operating at transit campus.

RAJAH 1: TREND ENROLMEN PELAJAR PROGRAM SEPENUH MASA POLITEKNIK (1970 - 2018)
 FIGURE 1: TREND OF POLYTECHNIC FULL-TIME PROGRAMMES STUDENTS' ENROLMENT (1970 - 2018)

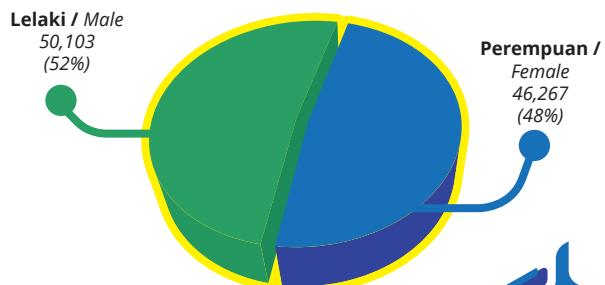


JADUAL 3: KEMASUKAN, ENROLMEN DAN LULUSAN BAGI PROGRAM SEPENUH MASA (OKT. 2018)
 TABLE 3: INTAKE, ENROLMENT AND OUTPUT FOR FULL-TIME PROGRAMME (OCT. 2018)

Program Sepenuh Masa
Full-Time Programmes

Kemasukan Intake	Enrolmen Enrolment	Lulusan Output
34,249	96,370	32,274

RAJAH 2: ENROLMEN PROGRAM SEPENUH MASA MENGIKUT JANTINA (OKT. 2018)
 FIGURE 2: FULL TIME PROGRAMME ENROLMENT BY GENDER (OCT. 2018)



JADUAL 4: JUMLAH KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM SEPENUH MASA MENGIKUT TAHUN DAN TAHP(1969 - OKT. 2018)

TABLE 4: TOTAL OF INTAKE, ENROLMENT AND OUTPUT (IEO) FOR FULL-TIME PROGRAMMES BY YEARS AND LEVELS (1969 - OKT. 2018)

Tahun Year	Kemasukan / Intake (I)					Enrolmen / Enrolment (E)					Lulusan / Output (O)						
	S.Muda Bachelor	Dip. Lan. Adv. Dip.	Diploma Diploma	Sijil Cert.	Pra Dip. Pre Dip.	S.Muda Bachelor	Dip. Lan. Adv. Dip.	Diploma Diploma	Sijil Cert.	Pra Dip. Pre Dip.	Jumlah Total	S.Muda Bachelor	Dip. Lan. Adv. Dip.	Diploma Diploma	Sijil Cert.	Pra Dip. Pre Dip.	Jumlah Total
1969			29	242				271							-	-	-
1970			29	157				186							-	-	-
1971			28	282				310							-	202	202
1972			74	436				510							25	110	135
1973			49	525				574							10	333	343
1974			67	525				592							21	333	354
1975			69	501				570							19	352	371
1976			93	650				743							15	408	423
1977			57	747				804							33	416	449
1978			59	868				927							51	515	566
1979			95	993				1,088							73	681	754
1980			81	1,047				1,128							62	720	782
1981			105	1,125				1,230							70	837	907
1982			107	1,218				1,325							100	960	1,060
1983			141	1,569				1,710							107	1,009	1,116
1984			183	1,799				1,982							85	1,188	1,273
1985			173	1,816				1,989							93	1,353	1,446
1986			244	2,406				2,650							131	1,561	1,692
1987			319	2,691				3,010							149	1,301	1,450
1988			258	2,443				2,701							180	1,827	2,007
1989			576	3,329				3,905							231	2,308	2,539
1990			1,102	3,566				4,668							295	1,924	2,219
1991			939	3,707				4,646							212	2,842	3,054
1992			1,162	3,324				4,486							905	2,590	3,495
1993			2,261	4,313				6,574							1,211	3,214	4,425

Tahun Year	Kemasukan / Intake (I)					Enrolmen / Enrolment (E)					Lulusan / Output (O)							
	S. Muda Bachelor	Dip. Lan. Adv. Dip.	Diploma Diploma	Sijil Cert.	Jumlah Total	S. Muda Bachelor	Dip. Lan. Adv. Dip.	Diploma Diploma	Sijil Cert.	Pra Dip. Pre Dip.	Jumlah Total	S. Muda Bachelor	Dip. Lan. Adv. Dip.	Diploma Diploma	Sijil Cert.	Pra Dip. Pre Dip.	Jumlah Total	
1994			2,622	4,727	7,349			5,047	11,077		16,124			1,906	3,630	5,536		
1995			3,529	4,233	7,762			6,154	10,624		16,778			1,971	3,708	5,679		
1996			5,094	3,951	9,045			7,989	10,445		18,434			1,971	2,089	4,060		
1997			1,710	4,343	6,053			2,584	9,748		12,332			4,294	3,567	7,861		
1998			5,280	5,586	10,866			10,978	10,901		21,879			3,030	3,198	6,228		
1999			7,812	11,245	19,057			14,450	17,394		31,844			3,453	3,889	7,342		
2000			8,873	11,785	20,658			19,611	23,816		43,427			5,215	6,184	11,399		
2001			10,035	11,197	21,232			25,225	26,614		51,839			6,216	9,310	15,526		
2002			12,079	11,250	23,329			25,456	27,442		52,898			9,256	9,518	18,774		
2003			13,439	14,861	28,300			27,410	26,082		53,492			9,363	10,354	19,717		
2004			16,170	16,582	32,752			33,809	30,573		64,382			9,923	9,894	19,817		
2005			19,059	17,853	36,912			40,675	33,159		73,834			12,382	12,729	25,111		
2006			24,234	17,513	41,747			48,991	33,421		82,412			14,367	13,813	28,180		
2007			24,154	16,064	40,218			50,942	33,308		84,250			15,988	14,132	30,120		
2008			25,555	15,019	40,574			54,419	30,861		85,280			19,060	13,723	32,783		
2009	41		26,526	11,936	38,503	41		60,480	25,950		86,471	-		19,316	12,110	31,426		
2010		50	37,761	3,571	41,382		109	72,307	15,335		87,751		-	21,401	11,102	32,503		
2011		107	39,358	79	39,544		162	84,514	4,616		89,292	39		23,820	9,451	33,310		
2012		210	37,884	78	38,172		225	91,508	415		92,148	66		23,397	3,823	27,286		
2013	112	319	30,525	114	268	31,338	112	374	88,588	185	268	89,527	-	112	25,522	218	-	25,852
2014	272	103	33,320	73	532	34,300	378	256	91,077	179	310	92,200	-	242	22,614	40	285	23,181
2015	312	45	36,716	112	786	37,971	633	90	94,642	181	523	96,069	27	197	24,854	99	211	25,388
2016	252	45	33,932	108	1,118	35,455	800	72	97,618	234	827	99,551	12	59	24,060	41	350	24,522
2017	203	0	32,629	122	1,239	34,193	762	18	97,708	227	891	99,606	209	52	25,840	84	775	26,960
2018	168	0	32,568	97	1,416	34,249	646	0	94,551	205	968	96,370	188	18	30,927	101	1,040	32,274
JUMLAH TOTAL	1,319	920	529,164	222,778	5,359	759,540	3,331	1,347	1,266,943	470,013	3,787	1,745,421	436	785	364,224	183,791	2,661	551,897

Nota / Note:

- Data di peringkat Sijil adalah merujuk kepada data Sijil Kemahiran Politeknik sepenuhnya mulai 2014.

Data for Certificates level are referred to as Polytechnics Skills Certificates starting 2014.

- Program Sarjana Muda adalah terdiri daripada program Politeknik dan program kerjasama dengan Institusi lain.

Bachelor Programmes include Polytechnic homegrown programmes and collaboration programmes with other institutions.

JADUAL 5: JUMLAH KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM SEPENUH MASA MENGIKUT POLITEKNIK DAN TAHAP (OKT. 2018)

TABLE 5: TOTAL INTAKE, ENROLMENT AND OUTPUT (IEO) OF FULL-TIME PROGRAMME BY POLYTECHNIC AND LEVELS (OKT. 2018)

Bil. No.	Politeknik Polytechnic	Pra Diploma Pre Diploma			Sijil* Certificate			Diploma Diploma			Diploma Lanjutan Advanced Diploma			Sarjana Muda Bachelor			Jumlah Total			
		Kemasukan Intake	Enrolmen Enrollment	Lulusan Output	Kemasukan Intake	Enrolmen Enrollment	Lulusan Output	Kemasukan Intake	Enrolmen Enrollment	Lulusan Output	Kemasukan Intake	Enrolmen Enrollment	Lulusan Output	Kemasukan Intake	Enrolmen Enrollment	Lulusan Output	Kemasukan Intake	Enrolmen Enrollment	Lulusan Output	
1	PUO	-	-	-	12	26	3	2,256	6,805	2,132	-	-	-	18	56	193	82	2,324	7,024	2,235
2	POLIAS	113	67	99	-	-	-	2,334	6,301	1,874	-	-	-	-	-	-	-	2,447	6,368	1,973
3	POLIMAS	37	25	22	-	-	-	1,797	5,060	1,691	-	-	-	-	-	-	-	1,834	5,085	1,713
4	PKB	33	25	27	-	-	-	1,613	5,198	1,627	-	-	-	-	-	-	-	1,646	5,223	1,654
5	PKS	145	83	135	-	-	-	1,600	4,780	1,539	-	-	-	-	-	-	-	1,745	4,863	1,674
6	PPD	111	61	95	-	-	-	1,936	5,440	1,553	-	-	-	26	85	-	2,073	5,586	1,648	
7	PKK	116	76	116	32	34	12	1,469	4,228	1,458	-	-	-	-	-	-	-	1,617	4,338	1,586
8	PSA	-	-	-	11	29	22	1,609	4,449	1,497	-	-	-	59	186	49	1,679	4,664	1,568	
9	PIS	-	-	-	27	80	48	1,317	4,230	1,422	-	-	-	20	130	36	1,364	4,440	1,506	
10	PSP	39	39	29	-	-	-	1,650	4,580	1,607	-	-	-	-	-	-	-	1,689	4,619	1,636
11	PMK	25	15	15	-	-	-	531	1,576	552	-	-	-	-	-	-	-	556	1,591	567
12	PKT	15	15	10	-	-	-	221	647	226	-	-	-	-	-	-	-	236	662	236
13	PSMZA	73	62	50	-	-	-	1,468	4,108	1,362	-	-	-	-	-	-	-	1,541	4,170	1,412
14	PMM	40	40	29	-	-	-	1,524	4,694	1,574	-	-	-	-	-	-	-	1,564	4,734	1,603
15	PSAS	109	64	79	-	-	-	1,089	3,647	1,408	-	-	-	7	52	21	1,205	3,763	1,508	
16	PTSB	183	113	74	-	-	-	1,171	3,730	1,076	-	-	-	-	-	-	-	1,354	3,843	1,150
17	PSIS	29	29	46	-	-	-	1,103	3,311	1,386	-	-	-	-	-	-	-	1,132	3,340	1,432
18	PTSS	77	52	71	15	36	16	1,463	3,889	1,395	-	-	-	-	-	-	-	1,555	3,977	1,482
19	PMS	19	19	12	-	-	-	1,073	2,882	1,077	-	-	-	-	-	-	-	1,092	2,901	1,089
20	PMU	71	54	21	-	-	-	1,022	2,918	1,039	-	-	-	-	-	-	-	1,093	2,972	1,060
21	PBU	-	-	-	-	-	-	385	1,195	356	-	-	-	-	-	-	-	385	1,195	356
22	PJK	-	-	-	-	-	-	449	1,130	266	-	-	-	-	-	-	-	449	1,130	266
23	PNS	122	70	67	-	-	-	876	2,480	690	-	-	-	-	-	-	-	998	2,550	757
24	PBS	-	-	-	-	-	-	475	1,078	178	-	-	-	-	-	-	-	475	1,078	178
25	PMJ	34	34	32	-	-	-	595	1,827	593	-	-	-	-	-	-	-	629	1,861	625
26	PHT	-	-	-	-	-	-	102	307	125	-	-	-	-	-	-	-	102	307	125
27	PSS	-	-	-	-	-	-	360	1,146	350	-	-	-	-	-	-	-	360	1,146	350
28	PMKL	-	-	-	-	-	-	197	482	133	-	-	-	-	-	-	-	197	482	133
29	PMKU	-	-	-	-	-	-	145	461	188	-	-	-	-	-	-	-	145	461	188
30	PMJB	-	-	-	-	-	-	216	535	222	-	-	-	-	-	-	-	216	535	222
31	PMBS	-	-	-	-	-	-	80	330	115	-	-	-	-	-	-	-	80	330	115
32	PMTG	-	-	-	-	-	-	117	369	103	-	-	-	-	-	-	-	117	369	103
33	PTSN	-	-	-	-	-	-	262	631	113	-	-	-	-	-	-	-	262	631	113
34	PBT	25	25	11	-	-	-	36	55	-	-	-	-	-	-	-	-	61	80	11
35	PBD	-	-	-	-	-	-	27	52	-	-	-	-	-	-	-	-	27	52	-
36	PTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH / TOTAL		1,416	968	1,040	97	205	101	32,568	94,551	30,927	-	-	-	18	168	646	188	34,249	96,370	32,274

Nota / Note:

*Program Sijil merujuk kepada Sijil Kemahiran Politeknik

*Certificate Programme refers to the Polytechnic Skills Certificate

PROGRAM SEPENUH MASA POLITEKNIK (SARJANA MUDA, DIPLOMA, PRA DIPLOMA DAN SIJIL KEMAHIRAN)
POLYTECHNIC FULL-TIME PROGRAMMES (BACHELOR, DIPLOMA, PRA DIPLOMA AND SKILL CERTIFICATES)

JADUAL 6(a1): KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM SARJANA MUDA POLITEKNIK (OKT. 2018)
 TABLE 6(a1): INTAKE, ENROLMENT AND OUTPUT (IEO) OF POLYTECHNIC HOMEGROWN BACHELOR PROGRAMMES (OCT. 2018)

Bil. No.	Sarjana Muda / Bachelor	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Sarjana Muda Sains (Kepujian) Pengurusan Pelancongan dan Hospitaliti Antarabangsa <i>Bachelor of Science (Honours) in International Tourism and Hospitality Management</i>	3	13	16	21	57	78	10	18	28
2	Sarjana Muda Teknologi Kejuruteraan Awam dengan Kepujian <i>Bachelor of Civil Engineering Technology with Honours</i>	17	13	30	43	45	88	25	27	52
3	Sarjana Muda Teknologi Pengurusan Fasiliti dengan Kepujian <i>Bachelor of Technology in Facilities Management with Honours</i>	9	18	27	42	57	99	15	10	25
4	Sarjana Muda Teknologi Kejuruteraan (Elektronik Perubatan) dengan Kepujian <i>Bachelor of Engineering Technology (Medical Electronic) with Honours</i>	18	14	32	42	45	87	10	14	24
5	Sarjana Muda Teknologi Kejuruteraan Pembuatan (Reka Bentuk Automotif) dengan Kepujian <i>Bachelor of Manufacturing Engineering Technology (Automotive Design) with Honours</i>	7	-	7	48	4	52	20	1	21
6	Sarjana Muda Teknologi Kejuruteraan Pembuatan (Pengurusan Rangkaian Bekalan) dengan Kepujian <i>Bachelor of Manufacturing Engineering Technology (Supply Chain Management) with Honours</i>	20	6	26	54	28	82	21	9	30
7	Sarjana Muda Reka Bentuk Komunikasi Visual dan Media Baharu dengan Kepujian <i>Bachelor of Visual Communication Design and New Media with Honours</i>	3	1	4	29	23	52	5	3	8
JUMLAH / TOTAL		77	65	142	279	259	538	106	82	188

JADUAL 6(a2): KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM SARJANA MUDA POLITEKNIK DENGAN KERJASAMA INSTITUSI LAIN (OKT. 2018)
 TABLE 6(a2): INTAKE, ENROLMENT AND OUTPUT (IEO) OF POLYTECHNIC BACHELOR PROGRAMMES IN COLLABORATION WITH OTHER INSTITUTIONS (OCT. 2018)

Bil. No.	Sarjana Muda Bachelor	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Sarjana Muda Pentadbiran Perniagaan (Kepujian) Pemasaran dengan Usahamasa UiTM <i>Bachelor of Business Management (Honours) Marketing in Collaboration with UiTM</i>	-	-	-	1	22	23			
2	Sarjana Muda Sains Perumahan, Bangunan & Perancangan (Kepujian) (Senibina), Universiti Sains Malaysia (USM) <i>Bachelor of Science Housing, Building & Planning (Honours) (Architecture), Universiti Sains Malaysia (USM)</i>	13	13	26	47	38	85			
JUMLAH / TOTAL		13	13	26	48	60	108	-	-	-
JUMLAH BESAR / GRAND TOTAL		90	78	168	327	319	646	106	82	188

JADUAL 6(b1 - b12): KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM DIPLOMA (OKT. 2018)

TABLE 6(b1 - b12): INTAKE, ENROLMENT AND OUTPUT (IEO) OF DIPLOMA PROGRAMMES (OCT. 2018)

JADUAL 6(b1): KEJURUTERAAN AWAM / TABLE 6(b1): CIVIL ENGINEERING

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Kejuruteraan Awam / Civil Engineering	1,569	1,426	2,995	4,603	4,583	9,186	1,329	1,422	2,751
2	Kejuruteraan Perkhidmatan Bangunan / Building Services Engineering	217	177	394	579	505	1,084	146	110	256
3	Teknologi Berasaskan Kayu / Wood-Based Technology	68	53	121	236	167	403	123	68	191
4	Perancangan Bandar dan Wilayah / Town and Regional Planning	36	46	82	98	141	239	14	35	49
5	Seni Bina / Architecture	275	262	537	763	739	1,502	243	216	459
6	Uku Bahar / Quantity Surveying	119	159	278	401	585	986	156	241	397
7	Kejuruteraan Alam Sekitar / Environmental Engineering	29	57	86	100	214	314	29	91	120
8	Uku Tanah* / Land Surveying	-	-	-	-	-	-	4	4	8
9	Geomatik* / Geomatic	241	244	485	701	786	1,487	157	184	341
JUMLAH / TOTAL		2,554	2,424	4,978	7,481	7,720	15,201	2,201	2,371	4,572

Nota / Note:

* Diploma Uku Tanah ditawarkan dengan nama baharu, iaitu Diploma Geomatik mulai Sesi Jun 2014.

* Diploma in Land Surveying is being offered as Diploma in Geomatics beginning June 2014 Session.

JADUAL 6(b2): KEJURUTERAAN ELEKTRIK / TABLE 6(b2): ELECTRICAL ENGINEERING

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Kejuruteraan Elektrik / Electrical Engineering	898	163	1,061	2,648	517	3,165	944	146	1,090
2	Kejuruteraan Elektronik (Kawalan) / Electronic Engineering (Control)	245	66	311	776	212	988	289	77	366
3	Kejuruteraan Elektronik (Komputer) / Electronic Engineering (Computer)	761	362	1,123	1,922	946	2,868	675	320	995
4	Kejuruteraan Elektronik (Komunikasi) / Electronic Engineering (Communication)	820	613	1,433	2,285	1,759	4,044	908	622	1,530
5	Kejuruteraan Elektronik (Perubatan) / Electronic Engineering (Medical)	35	64	99	110	211	321	51	85	136
6	Kejuruteraan Elektrik & Elektronik / Electric & Electronic Engineering	1,490	370	1,860	4,158	987	5,145	961	284	1,245
7	Kejuruteraan Elektronik (Optoelektronik) / Electronic Engineering (Optoelectronic)	21	51	72	77	114	191	9	15	24
8	Kejuruteraan Elektrik (Tenaga Hijau) / Electrical Engineering (Green Energy)	76	10	86	158	65	223	31	16	47
9	Kejuruteraan Elektrik (Kecekapan Tenaga)* / Electrical Engineering (Energy Efficiency)*	83	16	99	124	26	150	-	-	-
JUMLAH / TOTAL		4,429	1,715	6,144	12,258	4,837	17,095	3,868	1,565	5,433

JADUAL 6(b3): KEJURUTERAAN MEKANIKAL / TABLE 6(b3): MECHANICAL ENGINEERING

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Kejuruteraan Mekanikal / Mechanical Engineering	2,437	784	3,221	7,107	2,065	9,172	2,173	537	2,710
2	Kejuruteraan Mekanikal (Automotif) / Mechanical Engineering (Automotive)	867	56	923	2,662	159	2,821	708	32	740
3	Kejuruteraan Mekanikal (Loji) / Mechanical Engineering (Plant)	62	52	114	226	153	379	83	30	113
4	Kejuruteraan Mekanikal (Pembuatan) / Mechanical Engineering (Manufacturing)	526	298	824	1,631	774	2,405	472	196	668
5	Kejuruteraan Mekanikal (Penyajian Udara dan Penyejukbekuuan) Mechanical Engineering (Air Conditioning and Refrigeration)	120	10	130	380	29	409	154	7	161
6	Kejuruteraan Mekanikal (Pertanian) / Mechanical Engineering (Agriculture)	40	29	69	152	113	265	54	53	107
7	Kejuruteraan Mekanikal (Pembungkusan) / Mechanical Engineering (Packaging)	113	54	167	215	113	328	94	27	121
8	Kejuruteraan Mekanikal (Plastik) / Mechanical Engineering (Plastic)	20	34	54	76	83	159	54	41	95
9	Kejuruteraan Mekanikal (Tekstil) / Mechanical Engineering (Textile)	14	29	43	30	78	108	9	36	45
10	Kejuruteraan Mekanikal (Bahan) / Mechanical Engineering (Materials)	71	13	84	188	49	237	78	23	101
11	Kejuruteraan Mekatronik / Mechatronic Engineering	581	244	825	1,892	657	2,549	480	161	641
12	Kejuruteraan Mekanikal (Rekabentuk Pembuatan Automotif) Mechanical Engineering (Automotive Manufacturing Design)	112	17	129	267	35	302	49	4	53
13	Kejuruteraan Mekanikal (Rekabentuk Produk) / Mechanical Engineering (Product Design)	17	23	40	89	78	167	38	24	62
14	Kejuruteraan Mekanikal (Automasi) / Mechanical Engineering (Automation)	28	21	49	85	30	115	35	14	49
15	Diploma Eksekutif Teknologi Kejuruteraan Automasi							5	8	13
JUMLAH / TOTAL		5,008	1,664	6,672	15,000	4,416	19,416	4,481	1,185	5,666

JADUAL 6(b4): KEJURUTERAAN PENYENGGARAAN PESAWAT / TABLE 6(b4): AIRCRAFT MAINTENANCE ENGINEERING

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Kejuruteraan Penyenggaraan Pesawat / Aircraft Maintenance Engineering	121	21	142	267	67	334	61	7	68
	JUMLAH / TOTAL	121	21	142	267	67	334	61	7	68

JADUAL 6(b5): KEJURUTERAAN PERKAPALAN / TABLE 6(b5): MARINE ENGINEERING

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Kejuruteraan Perkapalan / Marine Engineering	44	-	44	220	-	220	61	-	61
2	Senibina Kapal / Naval Architecture	22	5	27	43	9	52	-	-	-
	JUMLAH / TOTAL	66	5	71	263	9	272	61	-	61

JADUAL 6(b6): KEJURUTERAAN PETROKIMIA / TABLE 6(b6): PETROCHEMICAL ENGINEERING

Bil. No.	Diploma <i>Diploma</i>	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Kejuruteraan Proses (Petrokimia) / Process Engineering (Petrochemicals)	83	73	156	271	279	550	108	111	219
2	Kejuruteraan Mekanikal (Petrokimia) / Mechanical Engineering (Petrochemical)	59	18	77	80	33	113	-	-	-
3	Kejuruteraan Elektrik dan Instrumentasi (Petrokimia) <i>Electrical and Instrumentation Engineering (Petrochemical)</i>	22	6	28	47	12	59	-	-	-
4	Kejuruteraan Kimia / Chemical Engineering	7	17	24	15	36	51	-	-	-
JUMLAH / TOTAL		171	114	285	413	360	773	108	111	219

JADUAL 6(b7): AGROTEKNOLOGI & BIO-INDUSTRI / TABLE 6(b7): AGROTECHNOLOGY & BIO-INDUSTRY

Bil. No.	Diploma <i>Diploma</i>	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Bioteknologi / Biotechnology	13	54	67	51	162	213	12	68	80
2	Agroteknologi / Agrotechnology	225	220	445	591	611	1,202	132	163	295
3	Akuakultur / Aquaculture	174	190	364	432	505	937	122	111	233
4	Hortikultur Lanskap / Landscape Horticulture	55	74	129	164	206	370	33	47	80
JUMLAH / TOTAL		467	538	1,005	1,238	1,484	2,722	299	389	688

JADUAL 6(b8): TEKNOLOGI MAKANAN / TABLE 6(b8): FOOD TECHNOLOGY

Bil. No.	Diploma <i>Diploma</i>	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Teknologi Makanan / Food Technology	69	238	307	143	605	748	46	239	285
2	Teknologi Makanan Pengurusan Halal / Food Technology Halal Management	20	63	83	53	208	261	7	36	43
3	Teknologi Kimia (Lemak dan Minyak) / Chemical Technology (Fat and Oil)	4	18	22	12	33	45	-	-	-
JUMLAH / TOTAL		93	319	412	208	846	1,054	53	275	328

JADUAL 6(b9): TEKNOLOGI MAKLUMAT / TABLE 6(b9): INFORMATION TECHNOLOGY

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L/M	P/F	J/T	L/M	P/F	J/T	L/M	P/F	J/T
1	Teknologi Maklumat (Rangkaian)** / Information Technology (Networking)	-	-	-	866	1,082	1,948	562	690	1,252
2	Teknologi Maklumat (Pengaturcaraan)* / Information Technology (Programming)*	-	-	-	159	159	318	682	932	1,614
3	Teknologi Maklumat (Teknologi Permainan) / Information Technology (Game Technology)	-	-	-	-	-	-	29	8	37
4	Teknologi Maklumat (Keselamatan Maklumat)** / Information Technology (Information Security)	-	-	-	134	151	285	93	119	212
5	Teknologi Digital* / Digital Technology*	1,295	1,391	2,686	2,490	2,756	5,246	-	-	-
JUMLAH / TOTAL		1,295	1,391	2,686	3,649	4,148	7,797	1,366	1,749	3,115

Nota / Note:

* Diploma Teknologi Maklumat (Pengaturcaraan) ditawarkan dengan nama baharu, iaitu Diploma Teknologi Digital mulai Sesi Jun 2016.

* Diploma in Information Technology (Programming) is being offered as Diploma in Digital Technology beginning intake June 2016 Session.

** Diploma Teknologi Maklumat (Rangkaian) dan Diploma Teknologi Maklumat (Keselamatan Maklumat) ditawarkan dengan nama baharu, iaitu Diploma Teknologi Digital mulai Sesi Disember 2017.

** Diploma in Information Technology (Networking) and Diploma in Information Technology (Information Security) are being offered as Diploma in Digital Technology beginning intake December 2017 Session.

JADUAL 6(b10): REKA BENTUK DAN KOMUNIKASI VISUAL / TABLE 6(b10): DESIGN AND VISUAL COMMUNICATION

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L/M	P/F	J/T	L/M	P/F	J/T	L/M	P/F	J/T
1	Reka Bentuk Fesyen dan Pakaian / Fashion Design and Clothing	13	83	96	27	259	286	4	116	120
2	Reka Bentuk Grafik / Graphic Design	85	113	198	282	331	613	84	107	191
3	Reka Bentuk Industri / Industrial Design	55	30	85	169	108	277	43	35	78
4	Seni Digital / Digital Arts	62	60	122	205	166	371	43	48	91
5	Pengajian Video dan Filem / Video and Film Studies	107	74	181	306	230	536	81	85	166
6	Teknologi Media Cetak / Print Media Technology	34	38	72	105	138	243	30	62	92
7	Teknologi Kreatif Digital / Digital Creative Technology	27	29	56	26	28	54	-	-	-
JUMLAH / TOTAL		383	427	810	1,120	1,260	2,380	285	453	738

JADUAL 6(b11): PERDAGANGAN / TABLE 6(b11): COMMERCE

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Akauntansi / Accountancy	462	1,621	2,083	1,493	5,323	6,816	409	1,853	2,262
2	Insurans / Insurance	24	63	87	75	200	275	15	44	59
3	Kewangan dan Perbankan / Banking and Finance	27	64	91	97	333	430	39	132	171
4	Pemasaran / Marketing	307	705	1,012	727	1,958	2,685	238	734	972
5	Pengajian Perniagaan / Business Studies	490	1,142	1,632	1,206	3,204	4,410	483	1,365	1,848
6	Perniagaan Antarabangsa / International Business	67	111	178	200	390	590	50	102	152
7	Sains Kesetiausahaan / Secretarial Science	42	658	700	186	1,900	2,086	58	604	662
8	Pengurusan Peruncitan / Retail Management	98	191	289	249	596	845	98	235	333
9	Pengajian Perniagaan (e-Dagang)* / Business Studies (e-Commerce)*	-	-	-	111	231	342	58	133	191
10	Pengurusan Logistik dan Rangkaian Bekalan / Logistics and Supply Chain Management	394	394	788	872	1,067	1,939	277	299	576
11	Kewangan dan Perbankan Islam / Islamic Banking and Finance	128	419	547	411	1,240	1,651	166	551	717
12	Keusahawanan / Entrepreneurship	11	18	29	14	33	47	-	-	-
13	Sistem Maklumat Perniagaan / Business Information System	67	127	194	64	125	189	-	-	-
JUMLAH / TOTAL		2,117	5,513	7,630	5,705	16,600	22,305	1,891	6,052	7,943

Note / Note:

* Diploma Pengajian Perniagaan (e-Dagang) ditawarkan dengan nama baharu, iaitu Diploma Sistem Maklumat Perniagaan mulai Sesi Disember 2017.

* Diploma in Business Studies (e-Commerce) is being offered as Diploma in Business Information System beginning intake December 2017 Session.

JADUAL 6(b12): PELANCONGAN & HOSPITALITI / TABLE 6(b12): TOURISM & HOSPITALITY

Bil. No.	Diploma Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Pengurusan Acara / Event Management	58	160	218	160	536	696	62	160	222
2	Perkhidmatan Makanan (Amalan Halal)*** / Food Services (Halal Practice)***	-	-	-	272	663	935	64	236	300
3	Pengurusan Hotel dan Katering* / Hotel and Catering Management*	-	-	-	15	25	40	218	444	662
4	Pengurusan Pelancongan / Tourism Management	170	411	581	531	1,443	1,974	213	566	779
5	Pelancongan Rekreasi** / Recreational Tourism**	18	41	59	44	74	118	39	54	93
6	Pengurusan Hotel / Hotel Management	128	189	317	320	564	884	16	11	27
7	Pengurusan Resort / Resort Management	33	43	76	33	42	75	-	-	-
8	Perkhidmatan Makanan Amalan Halal / Halal Practise Food Services	153	329	482	151	329	480	-	-	-
JUMLAH / TOTAL		383	427	810	1,120	1,260	2,380	285	453	738

Note / Note:

* Diploma Pengurusan Hotel dan Katering tidak lagi ditawarkan mulai Sesi Disember 2015 / Diploma in Hotel and Catering Management is no longer offered effective December 2015 Session.

** Diploma Pelancongan (Taman dan Rekreasi) diubah nama kepada Diploma Pelancongan Rekreasi / Diploma in Tourism Management (Park and Recreation) is renamed to Diploma in Recreational Tourism.

*** Diploma Perkhidmatan Makanan (Amalan Halal) ditawarkan dengan nama baharu, iaitu Diploma Perkhidmatan Makanan Amalan Halal mulai Sesi Disember 2017.

*** Diploma in Food Services (Halal Practise) is being offered as Diploma in Halal Practise Food Services beginning intake December 2017 Session.

JUMLAH BESAR / GRAND TOTAL**17,264** **15,304** **32,568** **49,128** **45,423** **94,551** **15,286** **15,628** **30,914**

JADUAL 6(c): KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM PRA DIPLOMA (OKT. 2018)

TABLE 6(c): INTAKE, ENROLMENT AND OUTPUT (IEO) OF PRE DIPLOMA PROGRAMMES (OCT. 2018)

Bil. No.	Pra Diploma Pre Diploma	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Sains / Science	537	305	842	429	265	694	388	229	617
2	Perdagangan / Commerce	196	378	574	97	177	274	145	278	423
JUMLAH BESAR / GRAND TOTAL		733	683	1,416	526	442	968	533	507	1,040

JADUAL 6(d): KEMASUKAN, ENROLMEN DAN LULUSAN PROGRAM SIJIL KEMAHIRAN POLITEKNIK (OKT. 2018)

TABLE 6(d): INTAKE, ENROLMENT AND OUTPUT (IEO) OF POLYTECHNIC SKILLS CERTIFICATE PROGRAMMES (OCT. 2018)

Bil. No.	Sijil Kemahiran Skills Certificate	Kemasukan / Intake (I)			Enrolmen / Enrolment (E)			Lulusan / Output (O)		
		L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
1	Hotel dan Katering <i>Hotel and Catering</i>				36	25	61	55	50	105
2	Pembinaan <i>Construction</i>				9	3	12	18	8	26
3	Penyenggaraan Mekanikal <i>Mechanical Maintenance</i>				11	-	11	29	-	29
4	Reka Bentuk Fesyen dan Pakaian <i>Fashion Design and Clothing</i>				-	5	5	2	16	18
5	Reka Bentuk Grafik <i>Grafic Design</i>				4	4	8	18	9	27
JUMLAH BESAR / GRAND TOTAL		60	37	97	122	83	205	54	47	101

Note / Note:

Program ini hanya untuk pelajar kurang upaya masalah pendengaran dan/atau pertuturan

This programme applicable only for students with hearing and / or speech disabilities

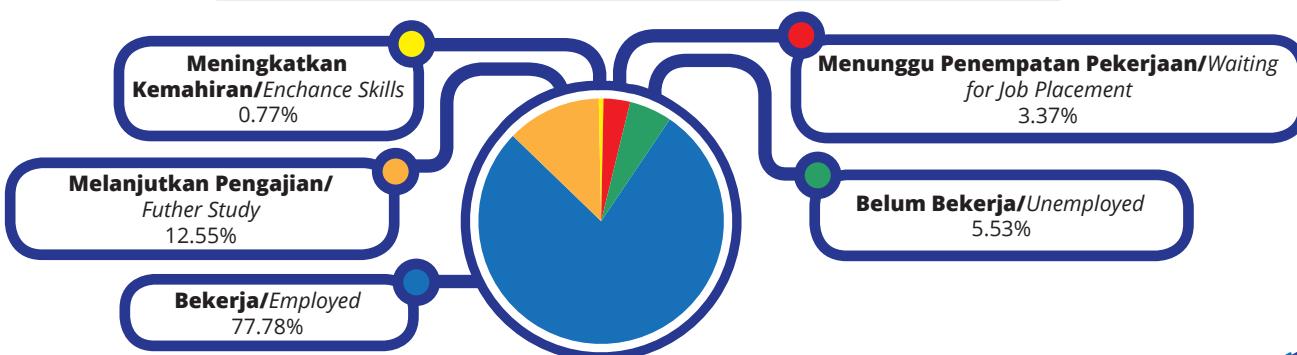
JADUAL 7: PERATUS KEBOLEHPASARAN GRADUAN MENGIKUT POLYTEKNIK (2017)
TABLE 7: GRADUATE EMPLOYABILITY PERCENTAGE BY POLYTECHNIC (2017)

BIL. NO.	POLITEKNIK POLYTECHNICS	JUMLAH GRADUAN TOTAL GRADUATES	STATUS PEKERJAAN GRADUAN (%)					KEBOLEHPASARAN GRADUAN (%) GRADUATE EMPLOYABILITY (%)
			Bekerja Employed	Melanjutkan Pengajian Further Study	Meningkatkan Kemahiran Enhance Skills	Menunggu Penempatan Pekerjaan Waiting for Job Placement	Belum Bekerja Unemployed	
1	PUO	3,020	61.16	27.27	0.99	2.15	8.43	91.57
2	PSA	1,988	57.70	28.40	-	8.86	5.04	94.96
3	PIS	1,284	66.55	25.50	0.36	1.08	6.51	93.49
4	POLISAS	3,520	85.89	8.64	0.41	0.28	4.77	95.23
5	POLIMAS	2,552	92.17	4.89	-	0.20	2.74	97.26
6	PKB	3,850	90.13	8.05	0.19	0.06	1.57	98.43
7	PKS	2,838	78.94	12.48	1.73	4.07	2.77	97.23
8	PPD	3,584	81.88	12.47	0.41	1.23	4.02	95.98
9	PKK	1,214	85.94	3.51	1.93	2.11	6.50	93.50
10	PSP	2,894	80.58	11.68	0.69	2.63	4.42	95.58
11	PMK	1,156	81.12	15.51	0.56	0.56	2.24	97.76
12	PKT	398	87.91	6.59	0.55	0.55	4.40	95.60
13	PSMZA	2,002	77.13	16.77	1.44	0.12	4.55	95.45
14	PMM	2,908	59.82	5.77	0.70	23.72	9.99	90.01
15	PSAS	2,854	72.40	13.36	0.17	6.38	7.69	92.31
16	PTSB	2,512	77.14	17.38	0.37	0.65	4.46	95.54
17	PSIS	3,068	81.20	10.01	1.02	1.45	6.31	93.69
18	PTSS	2,404	73.65	11.73	2.71	1.81	10.11	89.89
19	PMS	2,028	75.44	10.56	0.56	1.33	12.11	87.89
20	PMU	1,362	79.56	9.67	2.01	1.09	7.66	92.34
21	PBU	398	89.45	8.54	0.50	-	1.51	98.49
22	PJK	272	86.03	10.29	0.74	-	2.94	97.06
23	PNS	808	78.89	14.32	0.25	3.02	3.52	96.48
24	PBS	186	74.42	15.12	3.49	2.33	4.65	95.35
25	PMJ	268	91.34	7.09	0.79	-	0.79	99.21
26	PHT	258	92.11	4.39	-	0.88	2.63	97.37
27	PSS	470	83.33	6.25	1.04	6.25	3.13	96.88
28	PMKL	254	96.06	1.57	-	-	2.36	97.64
29	PMKU	156	89.74	8.97	-	-	1.28	98.72
30	PMJB	302	94.85	4.41	-	-	0.74	99.26
31	PMB	148	83.78	8.11	-	2.70	5.41	94.59
32	PMTG	80	86.49	10.81	-	-	2.70	97.30
JUMLAH / TOTAL		51,036	77.78	12.55	0.77	3.37	5.53	94.47

RAJAH 3: TREND KEBOLEHPASARAN GRADUAN POLITEKNIK (2006 - 2017)
 FIGURE 3: POLYTECHNIC GRADUATE EMPLOYABILITY TRENDS (2006 - 2017)



RAJAH 4: PERATUS KEBOLEHPASARAN GRADUAN MENGIKUT POLITEKNIK , (2017)
 FIGURE 4: POLYTECHNIC GRADUATE EMPLOYABILITY PERCENTAGE (2017)



PROGRAM PEMBELAJARAN SEPANJANG HAYAT (PSH) POLITEKNIK
POLYTECHNIC LIFELONG LEARNING (LLL) PROGRAMMES

JADUAL 8(a): ENROLMENT DAN BILANGAN PESERTA BAGI PROGRAM PSH (OKT. 2018)
 TABLE 8(a): ENROLMENT AND NO. OF PARTICIPANTS FOR LLL PROGRAMME (OCT. 2018)

ENROLMENT KURSUS SECARA SAMBILAN (KLUSTER 1) PART-TIME COURSES ENROLMENT (CLUSTER 1)	ENROLMENT PROGRAM DIPLOMA EKSEKUTIF (KLUSTER 1) EXECUTIVE DIPLOMA PROGRAMME ENROLMENT (CLUSTER 1)	PENYERTAAN KURSUS PENDEK & TERLAKNGAN (KLUSTER 2 & 3) SHORT & CUSTOMISED COURSES PARTICIPATION (CLUSTER 2 & 3)
551	14	21,634

Nota / Notes:

Kluster 1: Program Pengajaran separa masa di peringkat sijil, diploma, ijazah, dan ijazah lanjutan termasuk e-learning

Kluster 2: Program Pengajaran berbentuk teknikal dan kemahiran tidak lebih dari 6 bulan.

Kluster 3: Program Pengajaran untuk peningkatan ilmu dan kemahiran bagi pembangunan diri.

Kluster 4: Program Pengajaran sepenuh masa di peringkat sijil, diploma, ijazah, ijazah lanjutan bagi pelajar matang.

Cluster 1: Part-time Study Programme for the certificate, diploma, degree and postgraduate level including e-learning

Cluster 2: Study Programme with technical nature and skills of not more than 6 months.

Cluster 3: Study Programme for the improvement of knowledge and skills for self-development.

Cluster 4: Full-time Study Program at certificate, diploma, degree and postgraduate level for mature students.

JADUAL 8(b): ENROLMENT PROGRAM KURSUS SECARA SAMBILAN (KSS) MENGIKUT POLITEKNIK (OKT. 2018)
 TABLE 8(b): PART TIME COURSE PROGRAMMES ENROLMENT BY POLYTECHNIC (OCT. 2018)

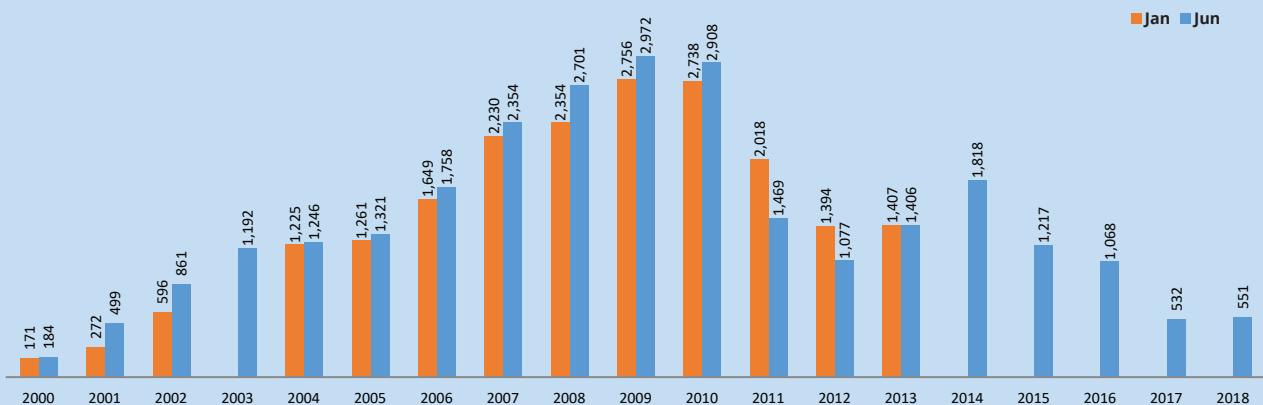
Bil. No.	PROGRAM DIPLOMA DIPLOMA PROGRAMMES	PUO	POLIAS	POLIMAS	PKB	PPD	PKK	PSA	PMM	PTSB	PMJB	Jumlah Total	
1	Kejuruteraan Awam / Civil Engineering	21	11	10			46	50	4			142	
2	Perancangan Bandar dan Wilayah / Town and Regional Planning			1								1	
3	Seni Bina / Architecture	21					24					45	
4	Kejuruteraan Elektrik / Electrical Engineering			8	5	39	81	13	12	52		210	
5	Kejuruteraan Elektrik & Elektronik / Electric & Electronic Engineering	15										15	
6	Kejuruteraan Elektronik (Komputer) / Electronic Engineering (Computer)						14					14	
7	Kejuruteraan Mekanikal / Mechanical Engineering	40						60	1			101	
8	Teknologi Maklumat (Pengaturcaraan) / Information Technology (Programming)			1								1	
9	Akauntansi / Accountancy	3					11					14	
10	Pengajian Perniagaan / Business Studies							4	1			5	
11	Pengurusan Logistik dan Rangkaian Bekalan / Logistics and Supply Chain Management									3		3	
JUMLAH / TOTAL			100	19	17	39	116	73	114	18	52	3	551

Nota / Notes:

Program Separa Masa atau Kursus Secara Sambilan (KSS) adalah merujuk kepada program yang dilaksanakan melebihi 6 bulan, khusus untuk individu yang ingin meningkatkan kelayakan sedia ada samada sijil profesional, diploma, diploma eksekutif, diploma profesional, diploma lanjutan atau ijazah. Program KSS dijalankan selepas waktu pejabat terutama pada hujung minggu. Majoriti pelajar KSS adalah orang dewasa yang bekerja dengan tujuan memperoleh kelayakan akademik di peringkat diploma.

Part-Time Program or Part Time Courses (KSS) is a program implement for over 6 months, specifically for individuals who want to improve existing qualifications, whether a professional certificate, diploma, diploma executive, professional diploma, advanced diploma or degree. KSS program will be held after working hours especially on weekends. Most of the KSS students are adults who work with the aim of obtaining academic qualifications at diploma level."

RAJAH 5: ENROLMENT PROGRAM KURSUS SECARA SAMBILAN (2000 - 2018)
 FIGURE 5: ENROLMENT FOR PART-TIME PROGRAMMES (2000 - 2018)



JADUAL 8(c): ENROLMENT PROGRAM DIPLOMA EKSEKUTIF MENGIKUT POLITEKNIK (OKT. 2018)

TABLE 8(c): EXECUTIVE DIPLOMA PROGRAMMES ENROLMENT BY POLYTECHNIC (OCT. 2018)

BIL. NO.	PROGRAM DIPLOMA EKSEKUTIF EXECUTIVE DIPLOMA PROGRAMMES	PUO	POLIAS	POLIMAS	PPD	PKK	PSA	PMM	PTSB	PMJB	Jumlah Total
-------------	---	-----	--------	---------	-----	-----	-----	-----	------	------	-----------------

1 Teknologi Kejuruteraan Automasi / Automation Engineering Technology

14

Nota / Notes:

Definisi:
 Diploma Eksekutif merupakan satu laluan pendidikan alternatif yang formal untuk pekerja industri yang tidak mempunyai peluang mengikuti program laluan akademik semasa awal kehidupan mereka bagi membangun dan mengemas kini kemahiran dan pengetahuan untuk diaplikasikan di alam pekerjaan.

Definition:
Executive Diploma is a formal alternative education route for industrial workers who do not have the opportunity to join the program during the academic path early in life to develop and update their skills and knowledge to be applied in the workplace.

Kelayakan Masuk:

Lulus SPM dengan sekurang-kurangnya 3 kredit atau kelayakan yang setara dan mempunyai pengalaman bekerja sekurang-kurangnya selama 3 tahun dalam bidang berkaitan dan berusia sekurang-kurangnya 21 tahun ke atas.
 Entry Requirements:
SPM with at least 3 credits or equivalent qualifications and work experience of at least 3 years in the relevant field and be at least 21 years above.

JADUAL 9: BILANGAN PROGRAM SEPENUH MASA DI POLITEKNIK MENGIKUT TAHAP (OKT. 2018)
TABLE 9: NUMBER OF FULL-TIME PROGRAMMES IN POLYTECHNICS BY LEVEL (OCT. 2018)

Bil. No.	Tahap Level	Keseluruhan Bilangan Program Dijalankan Total Number of Programmes Conducted
1	Ijazah Sarjana Muda <i>Bachelor Degree</i>	9
2	Diploma <i>Diploma</i>	78
3	Pra-Diploma <i>Pre-Diploma</i>	2
4	Sijil Kemahiran Politeknik* <i>Polytechnic Skills Certificate*</i>	5
JUMLAH / TOTAL		94

Nota / Notes:

*Program ini hanya untuk pelajar kurang upaya masalah pendengaran dan/atau pertuturan

*This programme is only applicable to students with hearing and / or speech disabilities

JADUAL 10: BILANGAN PROGRAM SEPENUH MASA MENGIKUT TAHAP DAN POLITEKNIK (OKT. 2018)
TABLE 10: NUMBER OF FULL-TIME PROGRAMMES BY LEVEL AND POLYTECHNIC (OCT. 2018)

Bil. No.	Politeknik <i>Polytechnics</i>	Sarjana Muda <i>Bachelor</i>	Diploma <i>Diploma</i>	Sijil Kemahiran <i>Skills Certificate</i>	Pra Diploma <i>Pre Diploma</i>	Jumlah <i>Total</i>
1	PUO	3	20	1	0	24
2	POLIAS	0	15	0	2	17
3	POLIMAS	0	16	0	1	17
4	PKB	0	13	0	1	14
5	PKS	0	15	0	2	17
6	PPD	1	14	0	2	17
7	PKK	0	17	1	2	20
8	PSA	2	12	1	0	15
9	PIS	2	15	3	0	20
10	PSP	0	14	0	1	15
11	PMK	0	5	0	1	6
12	PKT	0	5	0	1	6
13	PSMZA	0	11	0	1	12

Bil. No.	Politeknik Polytechnics	Sarjana Muda Bachelor	Diploma Diploma	Sijil Kemahiran Skills Certificate	Pra Diploma Pre Diploma	Jumlah Total
14	PMM	0	18	0	1	19
15	PSAS	1	14	0	2	17
16	PTSB	0	12	0	2	14
17	PSIS	0	14	0	1	15
18	PTSS	0	17	1	2	20
19	PMS	0	14	0	1	15
20	PMU	0	10	0	1	11
21	PBU	0	3	0	0	3
22	PJK	0	2	0	0	2
23	PNS	0	9	0	2	11
24	PBS	0	3	0	0	3
25	PMJ	0	8	0	1	9
26	PHT	0	2	0	0	2
27	PSS	0	3	0	0	3
28	PMKL	0	4	0	0	4
29	PMKU	0	3	0	0	3
30	PMJB	0	3	0	0	3
31	PMBS	0	2	0	0	2
32	PMTG	0	3	0	0	3
33	PTSN	0	6	0	0	6
34	PBT	0	1	0	1	2
35	PBD	0	1	0	0	1
36	PTS		1			1

Nota / Notes:

- Mulai ambil Julai 2010, program sijil tidak lagi ditawarkan / Certificate level programmes are no longer offered from July 2010 Session.
- Program Sarjana Muda telah dimulakan pada Sept. 2013 / Bachelor programmes have been started in Sept. 2013.
- Program Pra Diploma telah dimulakan pada Dis. 2012 / Pre Diploma programmes have been started in Dec. 2012.

SENARAI PROGRAM SEPENUH MASA MENGIKUT POLITEKNIK

LIST OF POLYTECHNIC FULL-TIME PROGRAMMES

JADUAL 11(a): SENARAI PROGRAM SARJANA MUDA MENGIKUT POLITEKNIK (OKT. 2018)

TABLE 11(a): LIST OF BACHELOR PROGRAMMES BY POLYTECHNIC (OCT. 2018)

Bil. No.	Sarjana Muda <i>Bachelor</i>	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	KKT	PSMZA	PMIM	PSAS	PTSB	PSIS	PTSS	PMIS	PMU	PRU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PNJB	PMRS	PMTG	PTSN	PBT	PBD	PTS
1	Sarjana Muda Sains (Kepujian) Pengurusan Pelancongan dan Hospitaliti <i>Bachelor of Science (Honours) Tourism and Hospitality Management</i>																																				
2	Sarjana Muda Teknologi Kejuruteraan Awam dengan Kepujian <i>Bachelor of Civil Engineering Technology with Honours</i>	●																																			
3	Sarjana Muda Teknologi Pengurusan Fasiliti dengan Kepujian <i>Bachelor of Technology in Facilities Management with Honours</i>									●																											
4	Sarjana Muda Teknologi Kejuruteraan Elektronik (Elektronik Perubatan) dengan Kepujian <i>Bachelor of Electronic Engineering Technology (Medical Electronics) with Honours</i>										●																										
5	Sarjana Muda Teknologi Kejuruteraan Pembuatan (Reka Bentuk Automotif) dengan Kepujian* <i>Bachelor of Manufacturing Engineering Technology (Automotive Design) with Honours*</i>																							●													
6	Sarjana Muda Teknologi Kejuruteraan Pembuatan (Pengurusan Rangkaian Bekalan) dengan Kepujian* <i>Bachelor of Manufacturing Engineering Technology (Supply Chain Management) with Honours*</i>	●																																			
7	Sarjana Muda Reka Bentuk Komunikasi Visual dan Media Baharu dengan Kepujian <i>Bachelor of Visual Communication Design and New Media with Honours</i>									●																											

Nota / Notes:

* Program mendapat akreditasi ETAC, Lembaga Jurutera Malaysia. ETAC memastikan program teknologi kejuruteraan di Malaysia diberi akreditasi yang setara dengan program yang mendapat Sydney Accord (SA) dan Dublin Accord (DA).

* Programme is accredited by Engineering Technology Accreditation Council (ETAC), Board of Engineers, Malaysia. ETAC is ensuring Malaysia's accredited engineering technology programmes are substantially equivalent to the programmes recognised under Sydney Accord (SA) and Dublin Accord (DA).

- Program menggunakan pendekatan WBL.

Programme conducted using Work-Based Learning approach.

JADUAL 11(b1-b12): SENARAI PROGRAM DIPLOMA MENGIKUT POLITEKNIK (OKT. 2018)
 TABLE 11(b1-b12): LIST OF DIPLOMA PROGRAMMES BY POLYTECHNIC (OCT. 2018)

JADUAL 11(b1): KEJURUTERAAN AWAM / TABLE 11(b1): CIVIL ENGINEERING

Bil. No.	Diploma Diploma	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMIC	PKT	PSMZA	PNMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PMS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMJB	PMTG	PTSN	PBT	PBD	PTS	
1	Kejuruteraan Awam <i>Civil Engineering</i>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
2	Kejuruteraan Perkhidmatan Bangunan <i>Building Services Engineering</i>	○	○	○	○	○	○	○								○																					
3	Teknologi Berasaskan Kayu <i>Wood-Based Technology</i>							●	●																												
4	Perancangan Bandar dan Wilayah <i>Town and Regional Planning</i>		○																																		
5	Seni Bina <i>Architecture</i>	●	●	●	●		●									●																					
6	Ukur Bahan <i>Quantity Surveying</i>	○	○		○		○									○																					
7	Kejuruteraan Alam Sekitar <i>Environmental Engineering</i>																	●																			
8	Geomatik* <i>Geomatic*</i>	○	○		○											○	○																				

Nota / Notes:

o PSAS - Program mendapat akreditasi ETAC, Lembaga Jurutera Malaysia. ETAC memastikan program teknologi kejuruteraan di Malaysia diberi akreditasi yang setara dengan program yang mendapat Sydney Accord (SA) dan Dublin Accord (DA).

o PSAS - Programme is accredited by Engineering Technology Accreditation Council (ETAC), Board of Engineers, Malaysia. ETAC is ensuring Malaysia's accredited engineering technology programmes are substantially equivalent to the programmes recognised under Sydney Accord (SA) and Dublin Accord (DA).

* Diploma Uku Tanah ditawarkan dengan nama baharu, iaitu Diploma Geomatik mulai Sesi Jun 2014.

* Diploma in Land Surveying is being offered as Diploma in Geomatics beginning June 2014 Session.

JADUAL 11(b2): KEJURUTERAAN ELEKTRIK / TABLE 11(b2): ELECTRICAL ENGINEERING
(Tidak Layak Bagi Pemohon Yang Rabun Warna/ Not Eligible For Colour blind Applicant)

Bil. No.	Diploma Diploma	PUO	POLISAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	HPT	PSS	PMKL	PMKU	PMIB	PMSS	PMTG	PTSN	PBT	PBD	PTS	
1	Kejuruteraan Elektrik <i>Electrical Engineering</i>	●	●	●										●	●	●								●														
2	Kejuruteraan Elektronik (Kawalan) <i>Electronic Engineering (Control)</i>								○	○	○																											
3	Kejuruteraan Elektronik (Komputer) <i>Electronic Engineering (Computer)</i>	●	●				●	●		●				●	●	●	●	●	●																			
4	Kejuruteraan Elektronik (Komunikasi) <i>Electronic Engineering (Communication)</i>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○															
5	Kejuruteraan Elektronik (Perubatan) <i>Electronic Engineering (Medical)</i>								●																													
6	Kejuruteraan Elektrik dan Elektronik <i>Electric and Electronic Engineering</i>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○						
7	Kejuruteraan Elektronik (Optoelektronik) <i>Electronic Engineering (Optoelectronic)</i>																							●														
8	Kejuruteraan Elektrik (Tenaga Hijau) <i>Electrical Engineering (Green Energy)</i>						○																															
9	Kejuruteraan Elektrik (Kecekapan Tenaga) <i>Electrical Engineering (Energy Efficiency)</i>							●																														

Nota / Notes:

- o PSAS - Program mendapat akreditasi ETAC, Lembaga Jurutera Malaysia. ETAC memastikan program teknologi kejuruteraan di Malaysia diberi akreditasi yang setara dengan program yang mendapat Sydney Accord (SA) dan Dublin Accord (DA).
- o PSAS - Programme is accredited by Engineering Technology Accreditation Council (ETAC), Board of Engineers, Malaysia. ETAC is ensuring Malaysia's accredited engineering technology programmes are substantially equivalent to the programmes recognised under Sydney Accord (SA) and Dublin Accord (DA).

JADUAL 11(b3): KEJURUTERAAN MEKANIKAL / TABLE 11(b3): MECHANICAL ENGINEERING

JADUAL 11(b4): KEJURUTERAAN PENYENGGARAAN PESAWAT / TABLE 11(b4): AIRCRAFT MAINTENANCE ENGINEERING
(Tidak Layak Bagi Pemohon Yang Rabun Warna/ Not Eligible For colour Blind Applicant)

**JADUAL 11(b5): KEJURUTERAAN PERKAPALAN / TABLE 11(b5): MARINE ENGINEERING
(Tidak Layak Bagi Pemohon Yang Rabun Warna/ Not Eligible For Colour Blind Applicant)**

Bil. No.	Diploma Diploma	PUO	POLISAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMIB	PMBS	PMTG	PTSN	PBT	PBD	PTS	
1	Kejuruteraan Perkapalan Marine Engineering	●																																				
2	Senibina Kapal Ship Architecture																																					

**JADUAL 11(b6): KEJURUTERAAN PETROKIMIA / TABLE 11(b6): PETROCHEMICAL ENGINEERING
(Tidak Layak Bagi Pemohon Yang Rabun Warna/ Not Eligible For Colour Blind Applicant)**

Bil. No.	Diploma Diploma	PUO	POLISAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMIB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Kejuruteraan Proses (Petrokimia) Process Engineering (Petrochemical)	●																																			
2	Kejuruteraan Mekanikal (Petrokimia) Mechanical Engineering (Petrochemical)																																				
3	Kejuruteraan Elektrik dan Instrumentasi (Petrokimia) Electrical and Instrumentation Engineering (Petrochemical)																																				
4	Kejuruteraan Kimia Chemical Engineering																																				

JADUAL 11(b7): AGROTEKNOLOGI & BIO-INDUSTRI / TABLE 11(b7): AGROTECHNOLOGY & BIO-INDUSTRY

Bil. No.	Diploma Diploma	PUO	POLISAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMIB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Bioteknologi Biotechnology																							●													
2	Agroteknologi Agrotechnology																						○		○												
3	Akuakultur Aquaculture																						●			●											
4	Hortikultur Lanskap Landscape Horticulture																						○														

JADUAL 11(b8): TEKNOLOGI MAKANAN / TABLE 11(b8): FOOD TECHNOLOGY

Bil. No.	Diploma <i>Diploma</i>	PUO	POLISAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	HHT	PSS	PMKL	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Teknologi Makanan <i>Food Technology</i>	●																																			
2	Teknologi Makanan Pengurusan Halal <i>Food Technology Halal Management</i>	○																														●					
3	Teknologi Kimia (Lemak dan Minyak) <i>Chemical Technology (Fat and Oil)</i>																															●					

JADUAL 11(b9): TEKNOLOGI MAKLUMAT / TABLE 11(b9): INFORMATION TECHNOLOGY

Bil. No.	Diploma <i>Diploma</i>	PUO	POLISAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	HHT	PSS	PMKL	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Teknologi Maklumat (Rangkaian) <i>Information Technology (Networking)</i>	○			○				○		○		○					○	○	○	○	○															
2	Teknologi Maklumat (Pengaturcaraan)* <i>Information Technology (Programming)*</i>	○			○				○		○		○					○	○	○	○	○															
3	Teknologi Maklumat (Keselamatan Maklumat) <i>Information Technology (Information Security)</i>	○																														○					
4	Teknologi Maklumat (Teknologi Digital) - Trek Rangkaian <i>Information Technology (Digital Technology) - Track Networking</i>	●			●				●		●		●					●	●	●	●	●															
	Teknologi Maklumat (Teknologi Digital) - Trek Pembangunan Perisian dan Aplikasi <i>Information Technology (Digital Technology) - Track Software Application Development</i>	○			○			○	○		○		○				○	○	○	○	○																
	Teknologi Maklumat (Teknologi Digital) - Trek Keselamatan Maklumat <i>Information Technology (Digital Technology) - Track Information Security</i>	●																																			
	Teknologi Maklumat (Teknologi Digital) - Laluan Teknologi Permainan <i>Information Technology (Digital Technology) - Track Game Technology</i>																																				

Nota / Notes:

- * Diploma Teknologi Maklumat (Pengaturcaraan) ditawarkan dengan nama baharu, iaitu Diploma Teknologi Digital mulai Sesi Jun 2016.
- * Diploma in Information Technology (Programming) is being offered as Diploma in Digital Technology beginning June 2016 Session.

 Program tidak lagi ditawarkan / Programme is no longer offered

JADUAL 11(b10): REKA BENTUK DAN KOMUNIKASI VISUAL / TABLE 11(b10): DESIGN AND VISUAL COMMUNICATION

Bil. No.	Diploma <i>Diploma</i>	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZA	PMM	PSAS	PTSB	PSIS	PTSS	PMIS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKLR	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS						
1	Reka Bentuk Fesyen dan Pakaian <i>Fashion Design and Clothing</i>																																										
2	Reka Bentuk Grafik <i>Graphic Design</i>																																										
3	Reka Bentuk Industri <i>Industrial Design</i>																																										
4	Seni Digital <i>Digital Arts</i>																																										
5	Pengajian Video dan Filem <i>Video and Film Studies</i>																																										
6	Teknologi Media Cetak <i>Print Media Technology</i>																																										
7	Teknologi Kreatif Digital <i>Digital Creative Technology</i>																																										

JADUAL 11(b11): PERDAGANGAN / TABLE 11(b11): COMMERCE

Bil. No.	Diploma <i>Diploma</i>	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZA	PMM	PSAS	PTSB	PSIS	PTSS	PMIS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKLR	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS								
1	Akauntansi / Accountancy	●	●	●	●	●	●	●																																					
2	Insurans / Insurance				○				○																																				
3	Kewangan dan Perbankan / Banking and Finance	●																																											
4	Pemasaran / Marketing				○	○	○	○	○																																				
5	Pengajian Perniagaan / Business Studies	●			●	●		●	●		●							●	●	●	●																								
6	Perniagaan Antarabangsa / International Business																																												
7	Sains Kesetiausan / Secretarial Science	●						●											●	●	●																								
8	Pengurusan Peruncitan / Retail Management	○																○																											
9	Pengajian Perniagaan (e-Dagang) <i>Business Studies (e-Commerce)</i>		●																																										
10	Pengurusan Logistik dan Rangkaian Bekalan <i>Logistics and Supply Chain Management</i>	○						○			○																																		
11	Kewangan dan Perbankan Islam <i>Islamic Banking and Finance</i>	●								●								●																											
12	Keusahawanan* / Entrepreneurship*																																												
13	Sistem Maklumat Perniagaan <i>Business Information System</i>		●																																										

JADUAL 11(b12): PELANCONGAN DAN HOSPITALITI / TABLE 11(b12): TOURISM AND HOSPITALITY

Bil. No.	Diploma Diploma	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Pengurusan Acara <i>Event Management</i>								●								●																				
2	Perkhidmatan Makanan Amalan Halal <i>Foodservices Halal Practice</i>															○		○	○																		
3	Pengurusan Pelancongan <i>Tourism Management</i>								●							●	●	●	●																		
4	Pelancongan Rekreasi <i>Recreational Tourism</i>																	○																			
5	Pengurusan Hotel <i>Hotel Management</i>								●	●					●																			●			
6	Pengurusan Resort <i>Resort Management</i>								●																												
7	Pengurusan Pelancongan (Taman dan Rekreasi) <i>Tourism Management (Park and Recreation)</i>																		●																		

JADUAL 11(c): SENARAI PROGRAM PRA DIPLOMA MENGIKUT POLITEKNIK (OKT. 2018)

TABLE 11(c): LIST OF PRE DIPLOMA PROGRAMMES BY POLYTECHNIC (OCT. 2018)

Bil. No.	Pra-Diploma Pre-Diploma	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Sains <i>Science</i>	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
2	Perdagangan <i>Commerce</i>	○			●	●	●										●	●	●					●													

JADUAL 11(d): SENARAI PROGRAM SIJIL KEMAHIRAN MENGIKUT POLITEKNIK (OKT. 2018)

TABLE 11(d): LIST OF SKILLS CERTIFICATE PROGRAMMES BY POLYTECHNIC (OCT. 2018)

Bil. No.	Sijil Kemahiran Skills Certificate	PUO	POLIAS	POLIMAS	PKB	PKS	PPD	PKK	PSA	PIS	PSP	PMK	PKT	PSMZ	PMM	PSAS	PTSB	PSIS	PTSS	PMS	PMU	PBU	PJK	PNS	PBS	PMJ	PHT	PSS	PMKL	PMKU	PMJB	PMBS	PMTG	PTSN	PBT	PBD	PTS
1	Hotel dan Katering <i>Hotel and Catering</i>							●	●										●																		
2	Pembinaan <i>Construction</i>	○																																			
3	Perenggaran Mekanikal <i>Mechanical Maintenance</i>							●																													
4	Reka Bentuk Fesyen dan Pakaian <i>Fashion Design and Clothing</i>								●	●									●																		
5	Reka Bentuk Grafik <i>Graphic Design</i>								●																												

SYARAT KEMASUKAN PELAJAR TEMPATAN**A – PERMOHONAN BAGI PROGRAM SARJANA MUDA****SYARAT MINIMUM BAGI LULUSAN DIPLOMA / DIPLOMA LANJUTAN**

LULUSAN	PROGRAM	SYARAT
---------	---------	--------

Diploma /
Diploma
Lanjutan

Sarjana Muda

SYARAT AM:

1. Warganegara Malaysia;
2. Lulus SPM atau peperiksaan yang diiktiraf setara dengannya oleh Kerajaan Malaysia;
3. Mendapat kepujian dalam Bahasa Melayu / Bahasa Malaysia di peringkat SPM / Setaraf;
4. Mendapat Tahap 2 (Band 2) dalam MUET.

SYARAT KHAS:

1. Lulus Diploma / Diploma Lanjutan Politeknik Malaysia yang berkaitan dengan program yang dipohon dan memperolehi sekurang-kurangnya HPMN 2.00;
2. Calon tidak buta warna bagi program berikut:
 - Sarjana Muda Teknologi Pengurusan Fasiliti dengan Kepujian,
 - Sarjana Muda Teknologi Kejuruteraan (Elektronik Perubatan) dengan Kepujian,
 - Sarjana Muda Reka Bentuk Komunikasi Visual & Media Baharu dengan Kepujian.
3. Lulus ujian lukisan dan temuduga (Sarjana Muda Reka Bentuk Komunikasi Visual & Media Baharu dengan Kepujian);
4. Lulus ujian temuduga (Sarjana Muda Teknologi Pengurusan Fasiliti dengan Kepujian).

B – PERMOHONAN BAGI PROGRAM DIPLOMA LANJUTAN**SYARAT MINIMUM BAGI LULUSAN DIPLOMA**

LULUSAN	PROGRAM	SYARAT
---------	---------	--------

Diploma

Diploma Lanjutan

1. Warganegara Malaysia;
2. Lulus Diploma Politeknik Malaysia yang berkaitan dengan
 - program diploma lanjutan yang dipohon serta memperolehi sekurang-kurangnya HPMN 2.00 atau lebih pada semester akhir pengajian.

C – PERMOHONAN BAGI PROGRAM DIPLOMA**C (1):DIPLOMA POLITEKNIK PREMIER****SYARAT MINIMUM PERMOHONAN BAGI LULUSAN SPM / SETARAF**

LULUSAN	PROGRAM (BIDANG)	SYARAT
---------	------------------	--------

SPM /
Setaraf

Diploma
(Kejuruteraan)

- Awam
- Mekanikal
- Elektrik dan Elektronik

1. Warganegara Malaysia;
2. Lulus SPM atau setaraf;
3. Lulus Sejarah (bagi SPM tahun 2013 ke atas);
4. Mendapat sekurang-kurangnya LIMA (5) kepujian (Gred C) dalam mata pelajaran berikut:
 - Bahasa Melayu
 - Matematik
 - SATU (1) mata pelajaran berikut: Fizik/ Kimia/ Biologi/ Matematik Tambahan/ Lukisan Kejuruteraan/ Sains/ Sains Tambahan / Sains Pertanian/ Pengajian Kejuruteraan Awam / Pengajian Kejuruteraan Elektrik dan Elektronik / Pengajian Kejuruteraan Mekanikal/ Teknologi Binaan / Teknologi Kejuruteraan/ Prinsip Elektrik dan Elektronik/ Teknologi Maklumat dan Komunikasi/ Teknologi Maklumat/ Fundamental of Programming/ Programming & Development Tools/ Grafik Berkompputer/ Penyamanan Udara / Penyejukan/ Aplikasi Elektrik dan Elektronik / Automotif Elektrik dan Diesel / Automotif Kenderaan/ Bahan Binaan/ Pemesinan Berkomputer/ Reka Cipta;
 - 5. DUA (2) mata pelajaran lain yang belum diambil kira;
 - 6. Lulus (Gred E) dalam mata pelajaran Bahasa Inggeris;
 - 7. Calon tidak cacat anggota yang menyukarkan kerja amali;
 - 8. Calon tidak buta warna bagi program bidang Kejuruteraan Elektrik & Elektronik, Senibina dan Kejuruteraan Mekatronik.

LULUSAN	PROGRAM (BIDANG)	SYARAT	LULUSAN	PROGRAM (BIDANG)	SYARAT
SPM / Setaraf	Diploma (Pelancongan & Hospitaliti)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya LIMA (5) kepujian (Gred C) dalam mata pelajaran berikut: <ul style="list-style-type: none"> a. Bahasa Melayu b. Bahasa Inggeris c. Matematik d. DUA (2) mata pelajaran lain yang belum diambil kira; Calon tidak cacat anggota yang menyukarkan kerja amali. 	SPM / Setaraf	Diploma (Kejuruteraan Perkapalan)	<ol style="list-style-type: none"> Mana-mana mata pelajaran yang belum diambil kira di perkara (e); Calon tidak cacat anggota yang menyukarkan kerja amali; Calon lelaki sahaja; Lulus temuduga dan ujian buta warna.
SPM / Setaraf	Diploma (Kejuruteraan Perkapalan)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya LIMA (5) kepujian (Gred C) dalam mata pelajaran berikut : <ul style="list-style-type: none"> a. Bahasa Melayu b. Bahasa Inggeris c. Matematik d. Matematik Tambahan atau Fizik atau Sains e. SATU (1) mata pelajaran berikut: Geografi/Perdagangan / Prinsip Perakaunan / Ekonomi Asas / Lukisan Kejuruteraan / Pengajian Kejuruteraan Mekanikal / Pengajian Kejuruteraan Awam / Pengajian Kejuruteraan Elektrik dan Elektronik / Rekacthita / Teknologi Kejuruteraan / Teknologi Maklumat dan Komunikasi / Kimia / Biologi / Sains Tambahan / Bahasa Inggeris bagi Sains dan Teknologi / Pendawaian Domestik / Kimpalan Arka dan Gas / Menservis Peralatan Elektrik Domestik / Bahau Binaan / Teknologi Binaan / Prinsip Elektrik dan Elektronik / Aplikasi Elektrik dan Elektronik / Pemesinan Berkomputer / Amalan Bengkel Mekanikal / Penyejukan / Penyamanan Udara / Automotif Kenderaan / Automotif Elektrik dan Diesel; ATAU 	SPM / Setaraf	Diploma (Perdagangan)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya LIMA (5) kepujian (Gred C) dalam mata pelajaran yang berikut: <ul style="list-style-type: none"> Bahasa Melayu Bahasa Inggeris Matematik Mana-mana DUA (2) mata pelajaran yang belum diambil kira.
SPM / Setaraf	Diploma (Teknologi Maklumat & Komunikasi)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya LIMA (5) kepujian (Gred C) dalam mata pelajaran yang berikut: <ul style="list-style-type: none"> a. Bahasa Melayu b. Matematik c. Mana-mana TIGA (3) mata pelajaran yang belum diambil kira; Lulus (Gred E) dalam mata pelajaran Bahasa Inggeris; Calon tidak cacat anggota yang menyukarkan kerja amali. 	SPM / Setaraf	Diploma (Rekabentuk & Komunikasi Visual)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya LIMA (5) kepujian (Gred C) dalam mata pelajaran yang berikut:
SPM / Setaraf	Diploma (Rekabentuk & Komunikasi Visual)				

LULUSAN	PROGRAM (BIDANG)	SYARAT
SPM / Setaraf	Diploma (Rekabentuk & Komunikasi Visual)	<ul style="list-style-type: none"> Bahasa Melayu Mana-mana EMPAT (4) mata pelajaran yang belum diambil kira Lulus (Gred E) dalam matapelajaran yang berikut: <ul style="list-style-type: none"> Matematik Bahasa Inggeris Pendidikan Seni Visual atau Pendidikan Seni atau Lukisan Kejuruteraan Calon tidak buta warna dan tidak cacat anggota yang menyukarkan kerja amali.

C (2): DIPLOMA POLITEKNIK KONVENTSIONAL DAN METRO		
SYARAT MINIMUM BAGI LULUSAN SPM / SETARAF		
LULUSAN	PROGRAM	SYARAT
SPM / Setaraf	Diploma (Kejuruteraan / Teknologi Makanan / Bioteknologi)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus (Gred E) bagi mata pelajaran berikut : <ul style="list-style-type: none"> Bahasa Melayu Bahasa Inggeris Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya TIGA (3) kepujian (Gred C) bagi mata pelajaran berikut: <ul style="list-style-type: none"> Matematik Mana-mana SATU (1) mata pelajaran berkaitan Sains atau Teknologi atau Vokasional Mana-mana SATU (1) mata pelajaran yang belum diambil kira; Tidak cacat anggota yang menyukarkan kerja amali; Tidak buta warna bagi bidang Kejuruteraan Elektrik & Elektronik/ Senibina/ Kejuruteraan Mekatronik.

SPM / Setaraf	Diploma (Teknologi Maklumat)	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus (Gred E) bagi mata pelajaran berikut: <ul style="list-style-type: none"> Bahasa Melayu Bahasa Inggeris Sejarah (bagi SPM tahun 2013 ke atas); Mendapat sekurang-kurangnya TIGA (3) kepujian (Gred C) dalam mata pelajaran berikut: <ul style="list-style-type: none"> Matematik Mana-mana DUA (2) mata pelajaran yang belum diambil kira.
SPM / Setaraf	Diploma (Perdagangan) • Akauntansi • Insuran • Kewangan dan Perbankan	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus SPM atau setaraf; Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none"> Bahasa Melayu Bahasa Inggeris Sejarah (bagi SPM tahun 2013 ke atas);

LULUSAN	PROGRAM	SYARAT	LULUSAN	PROGRAM	SYARAT
SPM / Setaraf	Diploma (Perdagangan) • Aktauntansi • Insurans • Kewangan dan Perbankan	4. Mendapat sekurang-kurangnya TIGA (3) kepujian (Gred C) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Matematik• Mana-mana DUA (2) dalam mata pelajaran lain yang belum diambil kira.	SPM / Setaraf	Diploma (Reka Bentuk dan Komunikasi Visual) • Rekabentuk Grafik • Teknologi Media Cetak	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Matematik• Sejarah (bagi SPM tahun 2013 ke atas) 4. Mendapat LIMA (5) kepujian (Gred C) dalam mata pelajaran lain yang belum diambil kira.
SPM / Setaraf	Diploma (Perdagangan)	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Matematik• Sejarah (bagi SPM tahun 2013 ke atas) 4. Mendapat LIMA (5) kepujian (Gred C) dalam mata pelajaran lain yang belum diambil kira.	SPM / Setaraf	Diploma (Reka Bentuk dan Komunikasi Visual) • Seni Digital Pengajian Video & Filem	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Sejarah (bagi SPM tahun 2013 ke atas)• Matematik; 4. Mendapat TIGA (3) kepujian (Gred C) termasuk SATU (1) kepujian mata pelajaran berkaitan Sains atau Teknologi atau Vokasional atau Sastera Ikhtisas;
SPM / Setaraf	Diploma (Perdagangan) Sains Kesetiausahaan	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus Sejarah (bagi SPM tahun 2013 ke atas); 4. Mendapat sekurang-kurangnya TIGA (3) kepujian (Gred C) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Mana-mana SATU (1) dalam mata pelajaran lain yang belum diambil kira.	SPM / Setaraf	Diploma (Agroteknologi) • Agroteknologi • Akuakultur • Hortikultur • Lanskap	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Sejarah (bagi SPM tahun 2013 ke atas)• Matematik; 4. Mendapat TIGA (3) kepujian (Gred C) termasuk SATU (1) kepujian mata pelajaran berkaitan Sains atau Teknologi atau Vokasional atau Sastera Ikhtisas
SPM / Setaraf	Diploma (Pelancongan & Hospitaliti)	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Sejarah (bagi SPM tahun 2013 ke atas)• Matematik; 4. Mendapat LIMA (5) kepujian (Gred C) dalam mata pelajaran lain 5. Calon tidak cacat anggota yang menyukarkan kerja amali.	SPM / Setaraf	Diploma (Reka Bentuk dan Komunikasi Visual) • Rekabentuk Grafik • Teknologi Media Cetak	1. Warganegara Malaysia; 2. Lulus SPM atau setaraf; 3. Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none">• Bahasa Melayu• Bahasa Inggeris• Sejarah (bagi SPM tahun 2013 ke atas)• Matematik; 4. Mendapat TIGA (3) kepujian (Gred C) termasuk SATU (1) kepujian mata pelajaran berkaitan Sains atau Teknologi atau Vokasional; 5. Tidak cacat anggota yang menyukarkan kerja amali.

C (3):DIPLOMA POLITEKNIK		
SYARAT MINIMUM BAGI LULUSAN PRA DIPLOMA POLITEKNIK DAN LAIN-LAIN SIJIL		
<ul style="list-style-type: none"> Program Diploma bagi lulusan Pra Diploma Sains/ Pra Diploma Perdagangan / Sijil Politeknik / Sijil Kolej Komuniti / Sijil Pertanian (Institut Pertanian Malaysia) / Sijil Institut Kemahiran Tinggi PERDA (PERDA-Tech) / Sijil Institut Kemahiran MARA (IKM)/ Institut Latihan Kemahiran Awam (ILKA) Program Diploma bagi lulusan Kolej Matrikulasi Kementerian Pelajaran / Pendidikan Malaysia Program Diploma bagi lulusan Sijil Kemahiran Malaysia (SKM) 		

LULUSAN	PROGRAM	SYARAT
---------	---------	--------

Pra Diploma Sains & Pra Diploma Perdagangan	Diploma	Lulus program Pra Diploma Politeknik dan menepati syarat-syarat kemasukan yang telah ditetapkan oleh Politeknik dari semasa ke semasa.
Sijil Politeknik/ Sijil Kolej Komuniti/ Sijil Institut Kemahiran MARA/ Sijil Institut Pertanian / Sijil Institut Kemahiran Tinggi PERDA	Diploma	<ol style="list-style-type: none"> Warganegara Malaysia; Lulus Sijil Politeknik / Sijil Kolej Komuniti/ Sijil IKM/ Sijil Pertanian / Sijil PERDA-Tech atau program lain yang berkaitan dengan memperolehi sekurang-kurangnya HPNAM 2.00; Lulus SPM atau setaraf; Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none"> Bahasa Melayu Sejarah (SPM 2013 dan ke atas) Matematik bagi Diploma Diploma Seni Bina, Diploma Aktauntansi, Diploma Insurans, Diploma Kewangan dan Perbankan dan Diploma Teknologi Maklumat; Mendapat sekurang-kurangnya SATU(1) kepujian (Gred C) dalam mata pelajaran lain yang belum diambil kira.
Kolej Matrikulasi KPM	Diploma	Lulus Program Matrikulasi Jurusan Sains/ Teknikal/ Perakaunan serta memperolehi PNGK 2.00 dan ke atas.
Sijil Kemahiran Malaysia (SKM)	Diploma	<ol style="list-style-type: none"> Memiliki SKM Tahap 3 dalam bidang yang berkaitan program diploma yang dipohon; Lulus SPM atau setaraf;

LULUSAN	PROGRAM	SYARAT
Sijil Kemahiran Malaysia (SKM)	Diploma	<ul style="list-style-type: none"> Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none"> Bahasa Melayu Sejarah (SPM 2013 dan ke atas) Matematik bagi Diploma Diploma Seni Bina, Diploma Aktauntansi, Diploma Insurans, Diploma Kewangan dan Perbankan dan Diploma Teknologi Maklumat; Mendapat sekurang-kurangnya SATU(1) kepujian (Gred C) dalam mata pelajaran lain yang belum diambil kira.
APEL	Diploma	<ol style="list-style-type: none"> Warganegara Malaysia; Mendapat sijil APEL (Accreditation of Prior Experiential Learning) daripada MQA (Tahap 4); Mempunyai pengalaman bekerja dalam bidang berkaitan

D – PERMOHONAN BAGI PROGRAM PRA DIPLOMA POLITEKNIK		
SYARAT MINIMUM BAGI LULUSAN SPM / SETARAF		
LULUSAN	PROGRAM	SYARAT

SPM / Setaraf	<ul style="list-style-type: none"> Pra Diploma Sains Pra Diploma Perdagangan 	* SYARAT AM: <ol style="list-style-type: none"> Warganegara Malaysia; Umur tidak melebihi 23 tahun semasa memohon; Sihat tubuh badan; Pendapatan keluarga atau isi rumah kurang daripada RM 3,000 sebulan; Tidak mendapat mana-mana tawaran untuk melanjutkan pengajian di mana-mana institusi pengajian tinggi awam lain SYARAT KHAS: <ol style="list-style-type: none"> Lulus SPM atau setaraf Mendapat sekurang-kurangnya TIGA (3) kepujian (Gred C) dalam mana-mana mata pelajaran lain Lulus (Gred E) dalam mata pelajaran berikut: <ul style="list-style-type: none"> Bahasa Melayu/Bahasa Malaysia Bahasa Inggeris Matematik
---------------	--	---

*Nota:

Hanya terbuka kepada anak-anak kaum India dibawah Program Mengubah Destini Anak India Malaysia (MDAIM).

E – PERMOHONAN BAGI PROGRAM SIJIL KEMAHIRAN POLITEKNIK**SYARAT MINIMUM**

LULUSAN	PROGRAM	SYARAT
Pelajar Berkeperluan Khas (Masalah Pendengaran dan/atau Pertuturan)	Sijil Kemahiran Politeknik	<ol style="list-style-type: none"> 1. Warganegara Malaysia; 2. Calon mestilah menamatkan persekolahan Tingkatan Lima (5), Pelajar Berkeperluan Khas (Masalah Pendengaran) di Sekolah Pendidikan Khas atau Program Pencantuman Pendidikan Khas di bawah KPM.

ENTRY REQUIREMENTS FOR LOCAL STUDENT**A – APPLICATION FOR BACHELOR DEGREE PROGRAMMES****MINIMUM REQUIREMENTS FOR DIPLOMA / ADVANCED DIPLOMA GRADUATE**

GRADUATE	PROGRAMMES	REQUIREMENTS
Diploma / Advanced Diploma	Bachelor Degree	<p>GENERAL REQUIREMENTS:</p> <ol style="list-style-type: none"> 1. Malaysian citizen; 2. Passed SPM or equivalent examination recognized by the Government of Malaysia; Credit in Bahasa Melayu/ Bahasa Malaysia at SPM/ Equivalent; 3. Obtained Band 2 in MUET <p>SPECIAL REQUIREMENTS:</p> <ol style="list-style-type: none"> 1. Graduated in the related programmes of Diploma/ Advanced Diploma Polytechnic Malaysia with at least CGPA of 2.00; 2. Applicants must not be color blind to apply for these programmes: <ul style="list-style-type: none"> • Bachelor of Technology in Facility Management with Honours • Bachelor of Engineering Technology (Medical Electronics) with Honours • Bachelor of Visual Communication Design and New Media with Honours 3. Passed the drawing exam and interview (Bachelor of Visual Communication Design and New Media with Honours); 4. Passed the interview (Bachelor of Technology in Facility Management with Honours).

B – APPLICATION FOR ADVANCED DIPLOMA PROGRAMMES**MINIMUM REQUIREMENTS FOR DIPLOMA GRADUATES**

GRADUATE	PROGRAMMES	REQUIREMENTS
Diploma	Advanced Diploma	<ol style="list-style-type: none"> 1. Malaysian citizen; 2. Graduated in the related programmes of Diploma Polytechnic Malaysia with at least CGPA of 2.00 or higher in the final semester.

C – APPLICATION FOR DIPLOMA PROGRAMMES**C (1): PREMIER POLYTECHNICS DIPLOMA****MINIMUM REQUIREMENTS FOR SPM / EQUIVALENT GRADUATE**

GRADUATE	PROGRAMMES	REQUIREMENTS
SPM / Equivalent	<p>Diploma (Engineering)</p> <ul style="list-style-type: none"> • Civil • Mechanical • Electrical and Electronic 	<ol style="list-style-type: none"> 1. Malaysian citizen; 2. Passed SPM / equivalent; 3. Passed Sejarah (for SPM of 2013 and above); 4. Obtained at least FIVE (5) credits (Grade C) of the following subject: Bahasa Melayu • Mathematics • ONE (1) of the following subjects: Physics/ Chemistry/Biology/Additional Mathematics/ Engineering Drawing /Science/ Additional Science/Agricultural Science/ Civil Engineering Studies/ Electrical and Electronic Engineering Studies/ Mechanical Engineering Studies/ Building Technology/ Engineering Technology/ Electrical and Electronic Applications/ Information and Communication Technology/ Information Technology/Fundamental of Programming/Programming and Development Tools/ Computer Graphic/ Air Conditioning/ Refrigeration / Electrical and Electronics Principles / Automotive Electric and Diesel/ Automotive Vehicles / Construction Materials / Computerized Machining/ Invention • Any TWO (2) subjects which have not been accounted for with credits; 5. Passed (Grade E) English Language; 6. Candidates must not have any deformities which will complicate the practical work; 7. Candidates must not be color blind for programmes in the field of Electrical & Electronic Engineering, Architecture and Mechatronic Engineering.

GRADUATE	PROGRAMMES	REQUIREMENTS	GRADUATE	PROGRAMMES	REQUIREMENTS
SPM / Equivalent	Diploma (Tourism & Hospitality)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed Sejarah (for SPM of 2013 and above); Obtained at least FIVE (5) credits (Grade C) of the following subject: <ul style="list-style-type: none"> Bahasa Melayu English Language Mathematics Any TWO (2) subjects which have not been accounted for with credits; <p>Candidates must not have any deformities which will complicate the practical work.</p> Applicants must not have any deformities which will complicate the practical work. Male applicants only Passed interview and color blind test. 	SPM / Equivalent	Diploma (Commerce)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed Sejarah (for SPM of 2013 and above); Obtained at least FIVE (5) credits (Grade C) in the following subject: <ul style="list-style-type: none"> Bahasa Melayu English Language Mathematics Any TWO (2) subjects which have not been accounted.
SPM / Equivalent	Diploma (Marine Engineering)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed Sejarah (for SPM of 2013 and above); Obtained at least FIVE (5) credits (Grade C) in the following subject: <ul style="list-style-type: none"> Bahasa Melayu English Language; Mathematics; Additional Mathematics or Physics or Science TWO (2) of the following subjects: Geography / Commerce / Accounting Principles / Economics / Engineering Drawing / Mechanical Engineering Studies / Civil Engineering Studies / Electrical and Electronic Engineering Studies / Invention / Engineering Technology / Information and Communication Technology / Chemistry / Biology / Additional Science / English for Science and Technology / Domestic Wiring / Arc Welding Sand Gas / Domestic Electrical Appliances Servicing / Construction Materials / Construction Technology / Electrical and Electronic Principle / Electrical and Electronic Applications / Computerized Machining / Mechanical Workshop Practice / Refrigeration / Air Conditioning / Vehicle Automotive / Electrical and Diesel Automotive; OR Any subjects which have not been accounted in item (e); 	SPM / Equivalent	Diploma (Information and Communication Technology)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed Sejarah (for SPM of 2013 and above); Obtained at least FIVE (5) credits (Grade C) in the following subject: <ul style="list-style-type: none"> Bahasa Melayu Mathematics Any THREE (3) subjects which have not been accounted Passed (Grade E) English Language; Applicants must not have any deformities which will complicate the practical work.
			SPM / Equivalent	Diploma (Design & Visual Communication)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent Passed Sejarah (for SPM of 2013 and above); Obtained at least FIVE (5) credits (Grade C) in the following subjects: <ul style="list-style-type: none"> Bahasa Melayu Any FOUR (4) subjects which have not been accounted

GRADUATE	PROGRAMMES	REQUIREMENTS	GRADUATE	PROGRAMMES	REQUIREMENTS
		<p>5. Passed (Grade E) the following subjects:</p> <ul style="list-style-type: none"> • Mathematics • English Language • Visual Arts or Arts or Engineering Drawing <p>6. Applicants is not color blind and must not have any deformities which will complicate the practical work.</p>	SPM / Equivalent	Diploma (Aircraft Maintenance Engineering)	<p>1. Malaysian citizen;</p> <p>2. Passed SPM / equivalent;</p> <p>3. Passed Sejarah (for SPM of 2013 and above);</p> <p>4. Obtain at least FIVE (5) credits (Grade C) in the following subjects:</p> <ul style="list-style-type: none"> • Bahasa Melayu • English Language • Mathematics • Physics or Science • Any ONE (1) subject which have not been accounted; <p>5. Passed colour blind test;</p> <p>6. Passed written test and interview;</p> <p>7. Applicants must not have any deformities which will complicate the practical work.</p>
C (2):CONVENTIONAL AND METRO POLYTECHNICS DIPLOMA					
MINIMUM REQUIREMENTS FOR SPM / EQUIVALENT GRADUATES					
GRADUATE	PROGRAMMES	REQUIREMENTS	GRADUATE	PROGRAMMES	REQUIREMENTS
SPM / Equivalent	Diploma (Engineering / Food Technology / Biotechnolog)	<p>1. Malaysian citizen;</p> <p>2. Passed SPM / equivalent;</p> <p>3. Passed (Grade E) the following subjects:</p> <ul style="list-style-type: none"> • Bahasa Melayu • English Language • Sejarah (for SPM of 2013 and above); <p>4. Obtained at least THREE (3) credits (Grade C) in the following subjects:</p> <ul style="list-style-type: none"> • Mathematics • Any ONE (1) subject related to Science or Technology or Vocational • Any ONE (1) subject which have not been accounted; <p>5. Applicants must not have and deformities which will complicate the practical work;</p> <p>6. Applicants must not be color blind for programmes in Electrical & Electronic Engineering/ Architecture/ Mechatronic Engineering.</p>	SPM / Equivalent	Diploma (Information Technology)	<p>1. Malaysian citizen;</p> <p>2. Passed SPM / equivalent;</p> <p>3. Passed (Grade E) the following subjects:</p> <ul style="list-style-type: none"> • Bahasa Melayu • English Language • Sejarah (for SPM of 2013 and above); <p>4. Obtained at least THREE (3) credits (Grade C) in the following subjects:</p> <ul style="list-style-type: none"> • Mathematics • Any TWO (2) subjects which have not been accounted.
			SPM / Equivalent	Diploma (Commerce) Accountancy Insurance Banking and Finance	<p>1. Malaysian citizen;</p> <p>2. Passed SPM / equivalent;</p> <p>3. Passed (Grade E) the following subjects:</p> <ul style="list-style-type: none"> • Bahasa Melayu • English Language • Sejarah (for SPM of 2013 and above); <p>4. Obtained at least THREE (3) credits (Grade C) in the following subjects:</p> <ul style="list-style-type: none"> • Mathematics • Any TWO (2) subjects which have not been accounted

GRADUATE	PROGRAMMES	REQUIREMENTS	GRADUATE	PROGRAMMES	REQUIREMENTS
SPM / Equivalent	Diploma (Commerce)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed (Grade E) in the following subjects: <ul style="list-style-type: none"> Bahasa Melayu English Language Mathematics Sejarah (for SPM of 2013 and above); Obtained FIVE (5) credits (Grade C) in any other subjects 		SPM / Equivalent	<ol style="list-style-type: none"> Obtained THREE (3) credits (Grade C) in any other subjects including ONE (1) subject related to Science or Technology or Vocational or Professional Literature Applicants must not be color blind and have any deformities which will complicate the practical work.
SPM / Equivalent	Diploma (Commerce) Secretarial Science	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed Sejarah (for SPM of 2013 and above); Obtained at least THREE (3) credits (Grade C) in the following subjects: <ul style="list-style-type: none"> Bahasa Melayu English Language Any ONE (1) subject which have not been accounted 		Diploma (Design & Visual Communication) <ul style="list-style-type: none"> Digital Art Video & Film Studies 	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed (Grade E) in the following subjects: <ul style="list-style-type: none"> Bahasa Melayu English Language Sejarah (for SPM of 2013 and above) Mathematics Obtained THREE (3) credits (Grade C) including ONE (1) in Science or Technology or Vocational or Professional Literature
SPM / Equivalent	Diploma (Tourism & Hospitality)	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed (Grade E) the following subjects: <ul style="list-style-type: none"> Bahasa Melayu English Language Sejarah (for SPM of 2013 and above) Mathematics; Obtained FIVE (5) credits (Grade C) in any other subjects Applicants must not have any deformities which will complicate the practical work. 	SPM / Equivalent	Diploma (Agrotechnology) <ul style="list-style-type: none"> Agrotechnology Aquaculture Landscape Horticulture 	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed (Grade E) the following subjects: <ul style="list-style-type: none"> Bahasa Melayu English Language Sejarah (for SPM of 2013 and above) Mathematics Obtained THREE (3) credits (Grade C) in any other subjects including ONE (1) subject related to Science or Technology or Vocational Applicants must not have any deformities which will complicate the practical work
SPM / Equivalent	Diploma (Design & Visual Communication) <ul style="list-style-type: none"> Graphic Design Printing Media Technology 	<ol style="list-style-type: none"> Malaysian citizen; Passed SPM / equivalent; Passed (Grade E) the following subjects: <ul style="list-style-type: none"> Bahasa Melayu English Language Sejarah (for SPM of 2013 and above) Mathematics Visual Arts or Arts or Engineering Drawing 			

C (3): POLYTECHNICS DIPLOMA
MINIMUM REQUIREMENTS FOR POLYTECHNIC PRE DIPLOMA AND OTHER CERTIFICATES GRADUATES

- Diploma programmes for Graduates from Pre Diploma Science / Pre Diploma Commerce / Polytechnic Certificate / Community College Certificate / Certificate in Agriculture (Malaysia Agriculture Institute) / Certificate in High Skill Institute (PERDA-Tech) / Certificate in MARA Skills Institute (IKM) / Public Skills Training Institute (ILKA)
- Diploma programmes for Graduates from Matriculation College, MOE
- Diploma programmes for Graduates from Malaysia Skill Certificates (SKM)

GRADUATE	PROGRAMMES	REQUIREMENTS
Pre Diploma Science & Pre Diploma Commerce	Diploma	Passed Polytechnic Pre Diploma programme and meet the admission requirements set by the Polytechnic from time to time.
Polytechnic Certificate / College Community Certificate/ MARA Skills Institute Certificate/ Agriculture Institute Certificate / PERDA-Tech Certificate	Diploma	<ol style="list-style-type: none"> 1. Malaysian citizen 2. Possess in Polytechnic Certificate / Community College Certificate / Certificate in Agriculture (Malaysia Agriculture Institute) / Certificate in High Skill Institute (PERDA-Tech)/ Certificate in MARA Skills Institute (IKM) / Public Skills Training Institute (ILKA) or related programme with minimum requirement of CGPA 2.00; 3. Passed SPM / equivalent; 4. Passed (Grade E) the following subjects: <ul style="list-style-type: none"> • Bahasa Melayu • Sejarah (for SPM of 2013 and above) • Mathematics for Diploma in Architecture, Diploma in Accountancy, Diploma in Insurance, Diploma in Banking and Finance and Diploma in Information Technology; 5. Obtained at least ONE (1) credit (Grade C) in any other subjects.
Matriculation College, MOE	Diploma	Passed Matriculation Programme (Science / Technical / Accountancy) with the requirement of CGPA 2.00 and above.

D – APPLICATION FOR POLYTECHNIC PRE DIPLOMA PROGRAMMES		
MINIMUM REQUIREMENTS FOR SPM / EQUIVALENT GRADUATES		
GRADUATE	PROGRAMMES	REQUIREMENTS
SPM / Equivalent	Pre Diploma Science Commerce	<p>GENERAL REQUIREMENTS*:</p> <ul style="list-style-type: none"> 1. Malaysian citizen; 2. Not exceeding the age of 23 years old when applying; 3. Healthy; 4. Family or household income is less than RM 3000 per month; 5. Does not receive any offer from other public higher education institutions to further academic study. <p>SPECIAL REQUIREMENTS:</p> <ul style="list-style-type: none"> 1. Passed SPM / equivalent 2. Obtained at least THREE (3) credits (Grade C) in any other subjects 3. Passed (Grade E) the following subjects: <ul style="list-style-type: none"> • Bahasa Melayu/ Bahasa Malaysia • English Language • Mathematics.

*Note:

Opens only to Indian students under MDAIM Programme.

E - APPLICATION FOR POLYTECHNIC SKILLS CERTIFICATE		
MINIMUM REQUIREMENT		
GRADUATE	PROGRAMMES	REQUIREMENTS
Special Needs Students (Hearing and/or Speech Impaired)	Polytechnic Skills Certificate	<ol style="list-style-type: none"> 1. Malaysian citizen 2. Completed Form Five (5), a student from the Special Education School (Hearing and/or Speech Impaired) or Special Education Integrated Programme under MoE.

INTERNATIONAL STUDENT'S ENTRY REQUIREMENTS LIST OF PROGRAMMES OFFERED		
POLYTECHNICS	PROGRAMME	NEC CODE
Politeknik Ungku Omar (PUO)	Diploma in Electrical and Electronic Engineering (Computer)	523
	Diploma in Mechanical Engineering	521
	Diploma in Civil Engineering	526
Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA)	Diploma in Electronic Engineering (Medical)	523
	Diploma in Mechanical Engineering	521
	Diploma in Civil Engineering	526
Politeknik Ibrahim Sultan (PIS)	Diploma in Tourism Management	812
	Diploma in Fashion Design and Clothing	214
	Diploma in Graphic Design	213

DURATION OF STUDY

Minimum : 3 Years

Maximum : 4 Years

ENTRY REQUIREMENTS**Diploma in Engineering (Civil / Mechanical / Electrical)****Basic Admission Requirement:**

- Obtained at least 5 Credits in O Levels or Senior High School Certificate/Senior Secondary School/other equivalent pre-university examination from the government school.

Additional Admission Requirements:

- Obtained at least One Credit (Grade C) equivalent to Mathematics Subject (Maths or Ad Maths); AND
- Obtained at least One Credit (Grade C) related Vocational and Technical/ Skills Certificate OR its equivalent with Subject Science (Example Chemistry, Physics, Biology, Science & Technology or General Science); AND
- Certified copies of English Language Proficiency Certificate (IELTS/TOEFL); AND
- Any other equivalent certificate that is recognized by Polytechnic to the above;
- Candidate is not colour blind and physically disabled which could complicate practical works.

SPM	Minimum 5 Cs (including Mathematics and a Science subject)
O-Level	Minimum 5 Cs (including Mathematics and a Science subject)
Other Qualifications	As recognised by the Polytechnics as equivalent to SPM

ENTRY REQUIREMENTS**Diploma in Tourism Management****Basic Admission Requirement:**

- Obtained at least 5 Credits in O Levels or Senior High School Certificate/Senior Secondary School/other equivalent pre-university examination from the government school.

Additional Admission Requirements:

- Obtained at least One Credit (Grade C) equivalent to Mathematics Subject (Maths or Ad Maths); AND
- Obtained at least One Credit (Grade C) related to Vocational and Technical/ Skills Certificate OR its equivalent with Science Subject (Example Chemistry, Physics, Biology, Science & Technology or General Science); AND
- Certified copies of English Language Proficiency Certificate (IELTS/TOEFL); AND
- Any other equivalent certificate that is recognized by Polytechnic to the above;
- Candidate is not colour blind and physically disabled which could complicate practical works.

SPM	Minimum 5 Cs (including Mathematics and a Science subject)
O-Level	Minimum 5 Cs (including Mathematics and a Science subject)
Other Qualifications	As recognised by the Polytechnics as equivalent to SPM

ENTRY REQUIREMENTS**Diploma in Graphic Design; AND****Diploma in Fashion Design and Clothing****Basic Admission Requirement:**

- Obtained at least 5 Credits in O Levels or Senior High School Certificate/ Senior Secondary School/other equivalent pre-university examination from the government school.

Additional Admission Requirements:

- Obtained at least pass (Grade E) equivalent to Mathematics Subject (Maths or Ad Maths); AND
- Obtained at least pass (Grade E) equivalent to Visual Arts Subject;
- Certified copies of English Language Proficiency Certificate (IELTS/TOEFL); AND
- Any other equivalent certificate that is recognised by Polytechnic to the above;
- Candidate is not colour blind and physically disabled which could complicate practical works.

SPM	Minimum 5 Cs
O-Level	Minimum 5 Cs
Other Qualifications	As recognised by the Polytechnics as equivalent to SPM

POLYTECHNIC DIRECTORY**1. INTERNATIONAL RELATION OFFICE (IRO)
POLITEKNIK UNGKU OMAR (PUO)**

Jalan Raja Musa Mahadi

31400 Ipoh, Perak

MALAYSIA

Tel : +605-545 7622 / 7656 / 7260

Fax : +605-547 1162

E-mail : mail@demolink.org

Website : <http://www.politeknik.edu.my/international/index.asp>**2. INTERNATIONAL RELATION OFFICE (IRO)****POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH (PSA)**

40150 Shah Alam, Selangor

MALAYSIA

Tel : +603-5163 4000

Fax : +603-5569 1903

E-mail : iro.psa@gmail.com

Website : <http://www.politeknik.edu.my/international/index.asp>**3. INTERNATIONAL RELATION UNIT (IRU)****POLITEKNIK IBRAHIM SULTAN (PIS)**

Km 10, Jalan Kong Kong

81700 Pasir Gudang, Johor

MALAYSIA

Tel : +607- 261 2488 / 2055 / 2060

Fax : +607-261 2402

E-mail : irupis2015@gmail.com

intpis@pis.edu.my

Website : <http://www.politeknik.edu.my/international/index.asp>

YURAN BAGI PELAJAR TEMPATAN FEES FOR LOCAL STUDENTS

- i. Pendaftaran: Anggaran RM 600.00
(bagi pelajar semester pertama sahaja)
Registration: Estimated RM 600.00
(only for first semester students)
- ii. Asrama: RM 60.00 - 360.00 setiap semester
Hostel: RM 60.00 - 360.00 per semester
- iii. Asrama (PFI): RM 630.00 setiap semester
Hostel (PFI): RM 630.00 per semester
- iv. Pengajian: RM 200.00 setiap semester
Study: RM 200.00 per semester

YURAN BAGI PELAJAR ANTARABANGSA FEES FOR INTERNATIONAL STUDENTS

- i. Pengajian: RM 3,500.00 - RM 4,200.00 setiap semester
Study: RM 3,500.00 - RM 4,200.00 per semester

JADUAL 12: SENARAI PENAJA PENDIDIKAN BAGI PELAJAR TEMPATAN TABLE 12: LIST OF LOCAL STUDENT'S EDUCATION SPONSORS

Bil. No.	Agensi Agency	Anggaran Nilai Tajaan Setahun (RM) Estimated Amount Per Year (RM)
1	Perbadanan Tabung Pendidikan Tinggi (PTPTN) <i>National Higher Education fund Corporation</i>	5,000
2	Jabatan Perkhidmatan Awam <i>Public Services Department</i>	5,000
3	Majlis Amanah Rakyat (MARA) <i>Council of Trust for the People</i>	5,000
4	Yayasan KUOK <i>KUOK Foundation</i>	6,000
5	Elaun Khas Pelajar OKU <i>Special Allowance for Disabled Students</i>	3,600
6	Jabatan Kemajuan Orang Asli (JKOA) <i>Department of Orang Asli Development</i>	6,000

Bil. No.	Agensi Agency	Anggaran Nilai Tajaan Setahun (RM) Estimated Amount Per Year (RM)
7	Lembaga Kemajuan Tanah Persekutuan <i>Federal Land Development Authority (FELDA)</i>	4,500
8	Biasiswa Sukan KPM <i>MOE Sports Scholarships</i>	6,000
9	Program Pendidikan Khas <i>Special Education Programme</i>	7,200
10	Biasiswa Kementerian Belia dan Sukan (KBS) <i>Ministry Youth and Sport Scholarships</i>	6,000
11	Yayasan Sime Darby <i>Sime Darby Foundation</i>	9,000
12	Biasiswa Kolej Ilmu Permodalan Nasional Berhad (PNB) <i>PNB Scholarships</i>	3,000
13	Biasiswa Pertubuhan Keselamatan Sosial (PERKESO) <i>PERKESO Scholarships</i>	5,000
14	Tabung Biasiswa Koperasi Pembangunan Pendidikan Berhad <i>KOPP Scholarships Fund</i>	5,000
15	Pertubuhan Lee Loy Seng <i>Lee Loy Seng Foundation</i>	5,000
16	Yayasan Al-Bukhary <i>Al-Bukhary Foundation</i>	4,800
17	Yayasan Bank Rakyat <i>Bank Rakyat Foundation</i>	5,000
18	Yayasan Tenaga Nasional Berhad (TNB) <i>Tenaga Nasional Berhad (TNB) Foundation</i>	5,001
19	Biasiswa / Tajaan Kementerian Pertahanan Malaysia <i>Ministry of Defence Scholarships</i>	6,000
20	Biasiswa Baitulmal & Zakat Majlis Agama Islam <i>Baitulmal Scholarships of Islamic Religious Councils</i>	1,500 - 5,000
21	Yayasan-yayasan Kerajaan Negeri & Biasiswa Kerajaan Negeri <i>State Foundations & State Scholarships</i>	5,000 - 6,000

JADUAL 13: BILANGAN PPPT DAN STAF BUKAN AKADEMIK (OKT. 2018)
 TABLE 13: NUMBER OF PPPT AND NON-ACADEMIC STAFF (OCT. 2018)

Institusi <i>Institutions</i>	Akademik <i>Academic</i>			Bukan Akademik <i>Non-Academic</i>			JUMLAH KESELURUHAN <i>Overall Total</i>		
	L / M	P / F	J / T	L / M	P / F	J / T	L / M	P / F	J / T
PUO	198	306	504	80	63	143	278	369	647
POLIAS	161	254	415	67	58	125	228	312	540
POLIMAS	199	224	423	51	67	118	250	291	541
PKB	211	212	423	58	66	124	269	278	547
PKS	198	176	374	56	47	103	254	223	477
PPD	154	253	407	55	51	106	209	304	513
PKK	151	164	315	46	55	101	197	219	416
PSA	76	244	320	40	67	107	116	311	427
PIS	122	212	334	52	58	110	174	270	444
PSP	113	203	316	44	64	108	157	267	424
PMK	61	87	148	37	35	72	98	122	220
PKT	38	50	88	32	36	68	70	86	156
PSMZA	147	164	311	47	60	107	194	224	418
PMM	115	218	333	63	50	113	178	268	446
PSAS	113	203	316	41	55	96	154	258	412
PTSB	124	192	316	46	61	107	170	253	423
PSIS	106	187	293	50	32	82	156	219	375
PTSS	125	179	304	59	53	112	184	232	416
PMS	94	124	218	45	33	78	139	157	296
PMU	90	89	179	41	49	90	131	138	269
PBU	28	50	78	17	20	37	45	70	115
PJK	37	36	73	19	19	38	56	55	111
PNS	56	111	167	18	25	43	74	136	210
PBS	35	59	94	14	17	31	49	76	125
PMJ	46	86	132	17	15	32	63	101	164
PHT	17	33	50	13	11	24	30	44	74
PSS	25	30	55	19	14	33	44	44	88
PMKL	12	38	50	9	7	16	21	45	66
PMKU	12	29	41	7	9	16	19	38	57
PMJB	8	33	41	6	9	15	14	42	56
PMBS	9	15	24	4	9	13	13	24	37
PMTG	14	24	38	8	8	16	22	32	54
PTSN	44	60	104	9	7	16	53	67	120
PBD	21	7	28	3	2	5	24	9	33
PBT	12	16	28	2	3	5	14	19	33
PTS	6	5	11	2	1	3	8	6	14

JUMLAH KECIL POLITEKNIK Subtotal Polytechnic	2,978	4,373	7,351	1,177	1,236	2,413	4,155	5,609	9,764
JUMLAH KECIL KOLEJ KOMUNITI Subtotal Community College	1,083	1,680	2,763	516	640	1,156	1,599	2,320	3,919
JPPKK	106	133	239	36	82	118	146	215	361
BPSM, KPM (JAWATAN KUMPULAN / POOLED POST)	62	105	167	0	0	0	0	62	105
KPM (SPT)	3	7	10	0	0	0	0	3	7
JPT	15	59	74	0	0	0	0	15	59
JUMLAH KESELURUHAN OVERALL TOTAL	4,247	6,357	10,604	1,729	1,958	3,687	5,980	8,315	14,295

*Termasuk Jawatan Kumpulan - seramai 167 PPPT daripada Politeknik, Kolej Komuniti dan JPPKK diletakkan di bawah Bahagian Pengurusan Sumber Manusia(BPSM), KPM
Including posts that are 'pooled'- a total of 167 PPPT from DPCCE, Polytechnics and Community Colleges are placed under Human Resource Management Division (HRMD), MOE

JADUAL 14 (a) : BILANGAN PPPT JPPKK MENGIKUT GRED JAWATAN DAN UMUR (OKT. 2018)

TABLE 14 (a): NUMBER OF JPPKK PPPT BASED ON GRADE AND AGE (OCT. 2018)

STAF STAFF	GRED GRADE	UMUR / AGE												JUMLAH TOTAL		
		20-29			30-39			40-49			50 KE ATAS					
		L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL
Staf Akademik JPPKK Academic Staff DPCCE	Utama B	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
	Utama C	0	0	0	0	0	0	0	0	0	3	1	4	3	1	4
	DH54	0	0	0	0	0	0	0	0	8	1	9	8	1	9	
	DH52	0	0	0	0	0	0	4	3	7	3	5	8	7	8	15
	DH48	0	0	0	2	2	4	11	8	19	7	4	11	20	14	34
	DH44	0	0	0	47	67	114	6	22	28	0	1	1	53	90	143
	DH41	2	0	2	12	18	30	0	1	1	0	0	0	14	19	33
JUMLAH		2	0	2	61	87	148	21	34	55	22	12	34	106	133	239

JADUAL 14(b): BILANGAN PPPT DI POLITEKNIK MENGIKUT GRED JAWATAN DAN UMUR (OKT. 2018)

TABLE 14(b): NUMBER OF PPPT AT POLYTECHNICS BASED ON GRADE AND AGE (OCT. 2018)

STAF STAFF	GRED GRADE	UMUR / AGE												JUMLAH TOTAL		
		20-29			30-39			40-49			50 KE ATAS					
		L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL
Staf Akademik Academic Staff	UTAMA B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	UTAMA C	0	0	0	0	0	0	0	0	0	3	1	4	3	1	4
	DH54	0	0	0	0	0	0	2	2	4	79	59	138	81	61	142
	DH52	0	0	0	0	0	0	8	14	22	101	103	204	109	117	226
	DH48	0	0	0	119	180	299	428	556	984	143	110	253	690	846	1536
	DH47	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
	DH44	1	0	1	670	1462	2132	435	640	1075	102	48	150	1208	2150	3358
	DH42	0	0	0	86	133	219	20	14	34	13	6	19	119	153	272
	DH41	76	137	213	400	740	1140	77	46	123	13	3	16	566	926	1492
	DH34	0	0	0	74	62	136	16	10	26	22	4	26	112	76	188
	DH32	0	0	0	51	34	85	18	6	24	6	0	6	75	40	115
	DH29	0	0	0	11	3	14	2	0	2	0	0	0	13	3	16
JUMLAH / TOTAL		77	137	214	1,412	2,614	4,026	1,006	1,288	2,294	483	334	817	2,978	4,373	7,351

JADUAL 16: BILANGAN STAF BUKAN AKADEMIK DI POLITEKNIK MENGIKUT GRED JAWATAN DAN UMUR (OKT. 20)

TABLE 16: NUMBER OF NON ACADEMIC STAFF AT POLYTECHNIC BASED ON GRADE AND AGE (OCT. 2018)

STAF STAFF	GRED GRADE	UMUR / AGE												JUMLAH TOTAL		
		20-29			30-39			40-49			50 KE ATAS					
		L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL
Staf Bukan Akademik Non-Academic Staff	M54	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
	M52	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
	M48	0	0	0	0	0	0	0	2	2	0	0	0	0	0	2
	F44	0	1	1	0	17	17	0	7	7	0	1	1	0	26	26
	J44	0	0	0	0	3	3	0	1	1	0	0	0	0	4	4
	M44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S44	0	0	0	7	16	23	9	11	20	6	2	8	22	29	51
	F41	0	0	0	8	20	28	0	3	3	0	1	1	8	24	32
	J41	0	1	1	5	6	11	3	2	5	1	0	1	9	9	18
	M41	1	1	2	1	1	2	0	0	0	0	0	0	2	2	4
	S41	1	6	7	24	38	62	4	5	9	3	1	4	32	50	82
	N40	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
	J36	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
	N36	0	0	0	1	1	2	3	2	5	5	7	12	9	10	19
	JA36	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2
	FA32	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
	N32	0	0	0	2	7	9	3	6	9	5	7	12	10	20	30
	S32	0	0	0	0	2	2	1	1	2	2	2	4	3	5	8
	W32	0	0	0	2	6	8	0	3	3	0	0	0	2	9	11
	N30	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
	FA29	4	0	4	52	41	93	4	1	5	1	0	1	61	42	103
	F29	0	0	0	16	21	37	2	1	3	0	0	0	18	22	40
	G29	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
	JA29	10	10	20	119	43	162	56	20	76	33	4	37	218	77	295
	J29	2	0	2	8	2	10	6	2	8	3	0	3	19	4	23
	N29	1	2	3	9	35	44	2	7	9	3	1	4	15	45	60
	S29	0	1	1	3	8	11	1	3	4	0	0	0	4	12	16
	U29	4	6	10	7	0	7	0	0	0	0	0	0	11	6	17

STAF STAFF	GRED GRADE	UMUR / AGE												JUMLAH TOTAL		
		20-29			30-39			40-49			50 KE ATAS					
		L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL
Staf Bukan Akademik Non-Academic Staff	W29	0	0	0	6	53	59	1	5	6	1	0	1	8	58	66
	G27	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
	N27	0	0	0	0	2	2	0	0	0	0	0	2	0	4	4
	S27	0	1	1	0	2	2	0	1	1	0	0	0	0	4	4
	B22	0	0	0	2	0	2	1	0	1	0	0	0	3	0	3
	C22	0	0	0	0	3	3	6	18	24	4	6	10	10	27	37
	FT22	0	0	0	1	4	5	3	0	3	1	0	1	5	4	9
	N22	0	0	0	9	31	40	13	61	74	8	32	40	30	124	154
	S22	0	0	0	2	8	10	4	10	14	0	2	2	6	20	26
	W22	0	0	0	1	8	9	1	5	6	1	6	7	3	19	22
	B19	2	0	2	19	5	24	7	0	7	1	0	1	29	5	34
	C19	2	0	2	20	36	56	7	9	16	0	2	2	29	47	76
	FT19	1	1	2	34	6	40	1	1	2	1	0	1	37	8	45
	H19	2	0	2	10	0	10	0	0	0	0	0	0	12	0	12
	N19	14	21	35	78	250	328	21	67	88	6	24	30	119	362	481
	S19	0	7	7	12	51	63	1	6	7	0	1	1	13	65	78
	W19	4	2	6	12	37	49	1	2	3	1	0	1	18	41	59
	N14	0	0	0	1	1	2	10	9	19	16	5	21	27	15	42
	H14	0	0	0	0	0	0	6	0	6	14	1	15	20	1	21
	A11	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
	H11	8	0	8	52	0	52	84	0	84	45	0	45	189	0	189
	KP11	1	0	1	1	0	1	0	0	0	2	0	2	4	0	4
	N11	15	5	20	66	75	141	45	21	66	33	8	41	159	109	268
	R9	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
	N4	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
	R4	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
	R3	0	0	0	4	0	4	13	0	13	2	0	2	19	0	19
	N1	0	0	0	0	0	0	2	1	3	0	0	0	2	1	3
JUMLAH/ TOTAL		72	65	137	602	840	1,442	322	295	616	201	118	319	1,197	1,318	2,515

JADUAL 16(a) : BILANGAN PPPT JPPKK MENGIKUT GRED DAN TAHAP AKADEMIK TERTINGGI (OKT. 2018)

TABLE 16(a): NUMBER OF JPPKK PPPT BASED ON GRADE AND HIGHEST ACADEMIC LEVEL (OCT. 2018)

GRED GRADE	DOKTOR FALSAFAH PHD			SARJANA MASTERS			SARJANA MUDA BACHELORS			DIPLOMA & LAIN-LAIN DIPLOMA AND OTHERS			JUMLAH TOTAL		
	JANTINA / GENDER			JANTINA / GENDER			JANTINA / GENDER			JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL
UTAMA B	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
UTAMA C	2	0	2	1	1	2	0	0	0	0	0	0	3	1	4
DH54	2	0	2	4	1	5	2	0	2	0	0	0	8	1	9
DH52	2	1	3	2	5	7	3	2	5	0	0	0	7	8	15
DH48	4	2	6	10	7	17	6	5	11	0	0	0	20	14	34
DH44	1	0	1	10	39	49	42	51	93	0	0	0	53	90	143
DH41	0	0	0	2	5	7	12	14	26	0	0	0	14	19	33
JUMLAH / TOTAL	12	3	15	29	58	87	65	72	137	0	0	0	106	133	239

JADUAL 16(b) : BILANGAN PPPT DI POLITEKNIK MENGIKUT GRED DAN TAHAP AKADEMIK TERTINGGI (OKT. 2018)

TABLE 16(b) : NUMBER OF PPPT AT POLYTECHNIC BASED ON GRADE AND HIGHEST ACADEMIC LEVEL (OCT. 2018)

GRED GRADE	DOKTOR FALSAFAH PHD			SARJANA MASTERS			SARJANA MUDA BACHELORS			DIPLOMA & LAIN-LAIN DIPLOMA AND OTHERS			JUMLAH TOTAL		
	JANTINA / GENDER			JANTINA / GENDER			JANTINA / GENDER			JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL	L/M	P/F	JUMLAH TOTAL
UTAMA B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UTAMA C	1	0	1	1	0	1	1	1	2	0	0	0	3	1	4
DH54	13	15	28	47	33	80	21	13	34	0	0	0	81	61	142
DH52	3	7	10	56	67	123	50	43	93	0	0	0	109	117	226
DH48	27	21	48	384	521	905	279	304	583	0	0	0	690	846	1,536
DH47	0	0	0	2	0	2	0	0	0	0	0	0	2	0	2
DH44	6	7	13	427	823	1,250	775	1,320	2,095	0	0	0	1,208	2,150	3,358
DH42	1	0	1	9	5	14	109	148	257	0	0	0	119	153	272
DH41	0	0	0	92	172	264	474	754	1,228	0	0	0	566	926	1,492
DH34	0	0	0	0	0	0	0	0	0	112	76	188	112	76	188
DH32	0	0	0	0	0	0	0	0	0	75	40	115	75	40	115
DH29	0	0	0	0	0	0	0	0	0	13	3	16	13	3	16
JUMLAH / TOTAL	51	50	101	1,018	1,621	2,639	1,709	2,583	4,292	200	119	319	2,978	4,373	7,351

JADUAL 17: BILANGAN PPPT MENGIKUT BIDANG KELAYAKAN AKADEMIK (OKT. 2018)

TABLE 17: NUMBER OF PPPT BASED ON THEIR ACADEMIC SPECIALISATION AREAS (OCT. 2018)

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Kejuruteraan Awam / Civil Engineering						
Kejuruteraan Awam <i>Civil Engineering</i>	310	485	795	8	13	21
Kejuruteraan Perkhidmatan Bangunan <i>Building Services Engineering</i>	18	31	49	1	0	1
Teknologi Berasaskan Kayu <i>Wood-Based Technology</i>	11	11	22	0	0	0
Perancangan Bandar Dan Wilayah <i>Town and Regional Planning</i>	9	6	15	0	0	0
Senibina / Architecture	34	82	116	3	3	6
Ukur Bahan / Quantity Surveying	23	37	60	0	2	2
Ukur Bangunan / Building Surveying	4	11	15	1	0	1
Ukur Tanah / Land Surveying	59	67	126	2	1	3
Alam Sekitar / Environment	4	18	22	1	0	1
Lanskap / Landscape	5	11	16	1	4	5
Teknologi Perabot / Furniture Technology	4	3	7	0	0	0
JUMLAH / TOTAL	481	762	1243	17	23	40
Kejuruteraan Penyelenggaraan Pesawat / Aircraft Maintenance Engineering						
Penyenggaraan Pesawat <i>Aircraft Maintenance</i>	14	3	17	0	0	0
JUMLAH / TOTAL	14	3	17	0	0	0

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Kejuruteraan Perkapalan / Marine Engineering						
Kejuruteraan Perkapalan <i>Marine Engineering</i>	11	0	11	0	0	0
JUMLAH / TOTAL	11	0	11	0	0	0

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Kejuruteraan Mekanikal / Mechanical Engineering						
Kejuruteraan Mekanikal	658	283	940	10	2	12
Kejuruteraan Mekanikal (Bahan) Mechanical Engineering (Material)	34	33	68	0	0	0
Kejuruteraan Mekanikal (Industri) Mechanical Engineering (Industry)	8	3	11	0	0	0
Kejuruteraan Mekanikal (Loji) Mechanical Engineering (Plant)	3	0	3	0	0	0
Kejuruteraan Mekanikal (Pembuatan) Mechanical Engineering (Manufacturing)	94	62	156	4	0	4
Kejuruteraan Mekanikal (Pembungkusan) Mechanical Engineering (Packaging)	4	1	5	0	0	0
Kejuruteraan Mekanikal (Pendinginan dan Penyejukan) / Mechanical Engineering (Air Conditioning and Refrigerator)	7	2	9	1	0	1
Kejuruteraan Mekanikal (Pertanian) Mechanical Engineering (Agriculture)	18	14	32	1	0	1
Kejuruteraan Mekanikal (Automotif) Mechanical Engineering (Automotive)	65	4	69	4	1	5
Kejuruteraan Mekanikal (Tekstil) Mechanical Engineering (Textile)	2	6	8	0	0	0
Kejuruteraan Mekatronik Mechatronic Engineering	53	27	79	1	0	1
JUMLAH / TOTAL	946	435	1380	21	3	24

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Kejuruteraan Kimia / Chemical Engineering						
Kejuruteraan Kimia / Chemical Engineering	8	31	38	0	0	0
Kejuruteraan Petroleum Petroleum Engineering	4	0	4	0	0	0
Kejuruteraan Oleokimia Oleochemical Engineering	1	4	5	0	0	0
Teknologi Kimia / Chemical Technology	3	3	6	0	0	0
Kimia / Chemistry	1	6	7	0	0	0
Kimia Industri / Chemical Industry	1	0	1	0	0	0
JUMLAH / TOTAL	18	44	61	0	0	0

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Teknologi Makanan / Food Technology						
Teknologi Makanan / Food Technology	15	32	47	0	2	2
Sains Makanan / Food Science	4	11	15	0	0	0
Kejuruteraan Pemprosesan Makanan / Food Processing Engineering	1	5	6	1	0	1
JUMLAH / TOTAL	20	48	68	1	2	3

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Agroteknologi dan Bio-Industri / Agrotechnology and Bio-Industry						
Akuakultur / Aquaculture	12	15	27	1	0	1
Bioteknologi / Biotechnology	12	23	35	1	2	3
Agroteknologi / Agrotechnology	9	8	17	1	1	2
Pertanian / Agriculture	1	3	4	0	0	0
JUMLAH / TOTAL	34	49	83	3	3	6

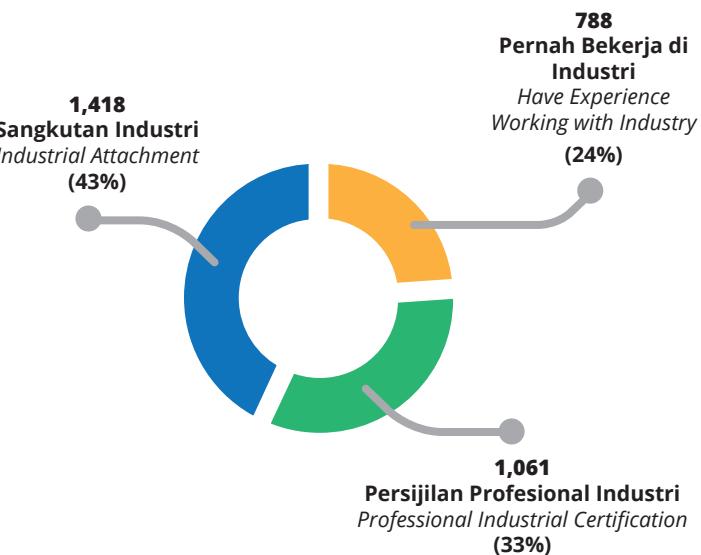
Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Teknologi Maklumat / Information Technology						
Kejuruteraan Komputer / Computer Engineering	16	47	63	3	1	4
Teknologi Kejuruteraan / Technology Engineering	3	4	7	0	0	0
Teknologi Maklumat / Information Technology	68	200	268	11	13	24
Teknologi Maklumat (Multimedia) / Information Technology (Multimedia)	3	13	16	1	0	1
Teknologi Maklumat (Pengaturcaraan) / Information Technology (Programming)		1	1	0	0	0
Sains Komputer / Computer Science	37	144	181	4	10	14
Sains Komputer (Multimedia) / Computer Science (Multimedia)	3	1	4	0	0	0
Sains Komputer (Rangkaian) / Computer Science (Networking)	16	14	30	0	2	2
Sistem Maklumat / Information System	3	12	15	0	0	0
JUMLAH / TOTAL	149	436	585	19	26	45

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Pelancongan dan Hospitaliti / Tourism and Hospitality						
Pengurusan Hotel / Hotel Management	16	36	52	0	1	1
Pengurusan Hotel dan Katering / Hotel and Catering Management	10	10	20	0	0	0
Pengurusan Pelancongan / Tourism Management	25	87	112	6	6	12
Perkhidmatan Makanan / Food Service	16	45	61	0	2	2
Pengajian Makanan / Food Study	2	1	3	0	0	0
Pengurusan Acara / Event Management	1	5	6	0	0	0
Seni Kulineri / Culinary Art	5	13	18	0	1	1
JUMLAH / TOTAL	75	197	272	6	10	16
Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Rekabentuk dan Komunikasi Visual / Design and Visual Communication						
Rekabentuk Dalaman / Interior Design	0	3	3	0	0	0
Rekabentuk Fesyen dan Pakaihan / Fashion and Clothing Design	4	21	25	0	2	2
Rekabentuk Grafik / Graphic Design	11	13	24	0	3	3
Grafik dan Fotografi / Graphic and Photography	2	1	3	0	1	1
Seni Halus / Fine Art	4	11	15	0	0	0
Senireka / Design	2	4	6	0	0	0
Senireka (Tekstil) / Design (Textile)	3	6	9	1	1	2
Senireka Industri / Industrial Design	11	4	15	0	1	1
Senireka (Seramik) / Design (Ceramic)	2	1	3	0	0	0
Komunikasi Massa / Mass Communication	2	11	13	0	2	2
Teknologi Industri Percetakan / Industrial Printing Technology	10	13	23	0	0	0
Media Digital / Digital Media	1	2	3	0	0	0
Multimedia Kreatif / Creative Multimedia	13	29	40	2	1	3
JUMLAH / TOTAL	65	119	182	3	11	14

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Pelancongan dan Hospitaliti / Tourism and Hospitality						
Pengurusan Perniagaan <i>Business Management</i>	68	260	326	2	10	12
Pengurusan Perniagaan (Logistik) <i>Business Management (Logistic)</i>	6	11	17	0	0	0
Perniagaan Antarabangsa <i>International Business</i>	6	16	22	0	1	1
Pemasaran / <i>Marketing</i>	10	58	68	1	0	1
Perakaunan / <i>Accountancy</i>	82	254	336	1	9	10
Keusahawanan / <i>Entrepreneurship</i>	7	16	23	0	0	0
Statistik / <i>Statistic</i>	0	3	3	0	0	0
Insurans / <i>Insurance</i>	2	14	16	0	0	0
Ekonomi / <i>Economy</i>	13	31	44	0	0	0
Sains Kesetiausahaan / <i>Secretarial Science</i>	3	31	34	0	1	1
Kewangan dan Perbankan <i>Finance and Banking</i>	12	29	41	0	0	0
Kewangan dan Perbankan Islam <i>Finance and Islamic Banking</i>	10	25	35	0	0	0
Peruncitan / <i>Retailing</i>	0	18	18	0	0	0
Pengurusan / <i>Management</i>	8	12	20	0	0	0
Sains Sosial / <i>Social Science</i>	1	5	6	0	0	0
Undang - undang / <i>Law</i>	6	19	25	0	0	0
JUMLAH / TOTAL	234	802	1034	4	21	25
Matematik dan Sains / Mathematics and Science						
Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Matematik / <i>Mathematics</i>	13	74	84	2	0	1
Fizik / <i>Physics</i>	5	12	17	0	1	1
Sains / <i>Science</i>	12	20	32	0	0	0
JUMLAH / TOTAL	30	106	133	2	1	2

Bidang Specialisation	POLITEKNIK			JPPKK		
	JANTINA / GENDER			JANTINA / GENDER		
	L/M	P/F	J/T	L/M	P/F	J/T
Sains Sosial dan Rekreasi / Social Science and Recreation						
Sains Sukan / <i>Sport Science</i>	7	1	8	0	1	1
Rekreasi / <i>Recreation</i>	2	2	4	0	0	0
JUMLAH / TOTAL	9	3	12	0	1	1
JUMLAH KESELURUHAN / GRAND TOTAL	2978	4373	7351	106	133	239

RAJAH 6: BILANGAN PPPT DENGAN PENGALAMAN INDUSTRI (SEHINGGA 2017) / FIGURE 6: NUMBER OF PPPT WITH INDUSTRIAL EXPERIENCE (UP TO 2017)



PENGENALAN

Sebagai langkah untuk memperkuat hubungan JPPKK dengan industri dalam akademik dan aktiviti kolaborasi, Jawatankuasa Penasihat Industri (JPI) telah ditubuhkan pada April 2008 untuk memberi khidmat nasihat kepada JPPKK dalam membangun aktiviti jangkauan dan merangka pelan strategik yang berkaitan. Dengan pelancaran PPPM (PT) yang dilancarkan oleh YAB Perdana Menteri Malaysia pada 7 April 2015, Jawatankuasa ini distrukturkan semula sebagai Majlis Penasihat Industri (MPI).

INTRODUCTION

Responding to the needs to strengthen DPCCE in academic and collaborative activities with the industry, the Industry Advisory Committee (IAC) was set up in April 2008 to advise DPCCE on developing outreach activities and to formulate strategic plans. With the launch of Malaysia Education Blueprint (Higher Education) launched by the Prime Minister on 7 April 2015, the Committee was restructured as the Industry Advisory Council (IAC).

JADUAL 18: MAJLIS PENASIHAT INDUSTRI (MPI), 2018

TABLE 18: INDUSTRY ADVISORY COUNCIL (IAC), 2018

Bil. No.	Nama Name	Jawatan Designation	Organisasi Organization
1	Y.Bhg. Tan Sri Dato' Azman Shah Dato' Seri Haron	President	<i>Malaysian Employers Federation (MEF)</i>
2	YBhg. Tan Sri Dato' Sri Sufri Hj. Mohd. Zin	Vice President	<i>Master Builders Association Malaysia (MBAM)</i>
3	YBhg. Dato' Azman Mahmud	Chief Executive Officer	<i>Malaysia Industrial Development Authority (MIDA)</i>
4	YBhg. Datuk Ir. Mohd Adnan Bin Mohd Nor	Council Member	<i>Association of Consulting Engineers Malaysia (ACEM)</i>
5	YBhg. Dato' Michael Tio	Chief Executive Officer	<i>PKT Logistics Group Sdn. Bhd</i>
6	YBhg. Dato' Bruce Lim Aun Choong	Deputy Secretary General	<i>Malaysia Retail Chain Association (MRCA)</i>
7	YBhg. Dato' J. Palaniappan	Council Member	<i>Federation of Malaysian Manufacturers (FMM)</i>
8	YBhg. Dato' Madani Sahari	Chief Executive Officer	<i>Malaysia Automotive Institute (MAI)</i>
9	YBhg. Datin Jeanette Tambakau	President	<i>Association of Malaysian Spas (AMSPA)</i>
10	Mr. Lim Kah Cheng	Deputy Chief Executive	<i>Human Resource Development Fund (HRDF)</i>
11	Mr. Mazuin Ismail	Senior Vice President, Project Delivery & Technology	<i>Petrolia Nasional Berhad (PETRONAS)</i>
12	Mr. Mohd Rithaudeen Bin Makip	Deputy CEO II	<i>SME Corporation Malaysia (SME Corp.)</i>
13	Madam Siti Norliza Mohd Sahar	Director Talent & Digital Entrepreneurship	<i>Malaysia Digital Economy Corporation (MDEC)</i>
14	Mr. Cheah Swee Hee	President	<i>Malaysian Association of Hotels (MAH)</i>
15	Mr. Mohd Nasir Md. Ibrahim	Vice President	<i>Malaysian Industry-Government Group for High Technology (MIGHT)</i>
16	Mr. Ashran Dato' Ghazi	Chief Executive Officer	<i>Malaysian Global Innovation & Creativity Centre (MaGiC)</i>

PENGENALAN

Jawatankuasa Penasihat Kebolehpasaran (EAC) ditubuhkan untuk menyediakan maklumat mengenai hala tuju industri dan implikasinya terhadap permintaan dan bekalan untuk tenaga kerja dan memberi input mengenai isu-isu semasa yang berkaitan dengan pekerjaan dan buruh sektor negara. Jawatankuasa ini juga memberikan nasihat mengenai pekerjaan merangkumi keperluan industri yang terkini kepada graduan politeknik dan kolej komuniti. Strategi dan aktiviti yang berkesan untuk graduan politeknik dan kolej komuniti dibangunkan bagi meningkatkan kebolehpasaran siswazah.

INTRODUCTION

The Employability Advisory Committee (EAC) is set up to provide information on the direction of the industry and its implications on the demand and supply for manpower and to provide input on current issues related to employment and labor sector of the nation. This committee also provides advice on latest industry requirements of employability for polytechnic and community college graduates. Effective strategies and activities for polytechnic and community college graduates are developed to enhance the graduate employability.

JADUAL 19 : JAWATANKUASA PENASIHAT KEBOLEHPASARAN (JPK), 2018
TABLE 19 : EMPLOYABILITY ADVISORY COMMITTEE (EAC), 2018

Bil. No.	Nama Name	Jawatan Designation	Organisasi Organization
1	Mr. Prasad Chandran	General Manager - Human Capital	Panasonic Industrial Devices Malaysia Sdn Bhd
2	Madam Munirah Azmi	Assistant General Manager - Human Resource Division	AEON Co. (M) Bhd
3	Mr. Waisulqurni Bin Ismail	Manager - Human Capital Development Human Capital Division	Perodua Sales Sdn Bhd
4	Mr. Shahrizal Bin Md Zainal	Head of Department - President & COO Office	Honda Malaysia Sdn Bhd
5	Madam Siti Norliza Sahar	Director - Talent & Digital Entrepreneurship	Malaysia Digital Economy Corporation Sdn Bhd (MDEC)
6	Madam Nor Asmahan Othman	Diversity & Capability Programmes	TalentCorp Malaysia
7	Mr. Mohd Ismail Abu Bakar	Director - Industry Talent Management Division	Malaysian Investment Development Authority (MIDA)
8	Mr. Suresh Armugam	President Negeri Sembilan National Education Bureau	Persatuan Budget Hotel Association
9	Madam Saniza Said	Partner	Saniza & Associates Sdn Bhd
10	Mr. Haji Burhanuddin Radzi	Managing Director	Les' Copaque Production Sdn Bhd
11	Madam Hamidah Khan	Plant HR Manager	Kellogg Asia Products Sdn Bhd
12	Mr. Alvin Chua	President	Federation of Malaysia Freight Forwarders
13	Mr. Hilmy Hussain	Head Industrial Manpower	Johor Petroleum Development Corporation Berhad
14	Dato' Sri Muhammad Rosli Che Wan	Chairman	Transair Academy Internation Sdn Bhd
15	Madam Zanita Mohamed Zin	Head of Group Human Resource & Administration	Cement Industries of Malaysia Berhad
16	Mr. Sunny Law	Head of Talent & Culture	Starken AAC Sdn Bhd
17	Madam Nora Fazlina	Founder	Kanora Idea Sdn Bhd
18	Mr. Loke Weng Kit	General Manager	Emir Group of Companies

PENGENALAN

Industry Partner diprogramkan bagi mempelawa pemimpin industri dan sektor awam untuk menyampaikan syarahan mereka di politeknik dan kolej komuniti dengan objektif berikut:

- memberi inspirasi kepada pelajar
- menutup jurang antara teori dan praktikal yang membenarkan kajian kes sebenar
- aplikasi bagi pengetahuan terkini dan membawa pengalaman praktikal atau pengetahuan tersirat kepada pelajar
- mengukuhkan hubungan industri dalam pelbagai aktiviti kolaborasi

INTRODUCTION

Industry Partner was programmed to invite senior industry and public sector leaders to give their lectures in polytechnics and community college with the following objectives:

- a) inspiring students
- b) closing gaps between theory and practice allowing real life case study
- c) application of latest knowledge and bringing practical experience or tacit knowledge to students
- d) strengthening industrial relations in various collaborative activities

JADUAL 20: INDUSTRY PARTNER, 2016 - 2019

TABLE 20 : INDUSTRY PARTNER, 2016 - 2019

Bil. No.	Nama Name	Jawatan Designation	Organisasi Organization	Tempoh Duration
1	YBhg. Tan Sri Rozali Ismail	Executive Chairman	Puncak Niaga Holdings Berhad	2016 - 2018
2	YBhg. Dato' Mohamed Tiar bin Sharif	Managing Director	Q-PLEX Communication Sdn. Bhd.	2016 - 2018
3	YBhg. Dato' Norzakiman bin Othman	Managing Director	Nukima Sdn. Bhd.	2016 - 2018
4	YBhg. Dato' Ir Dr Hj Mohd Abdul Karim Abdullah	Director	Serba Dinamik Sdn. Bhd.	2016 - 2018
5	YBhg. Datuk Yusof bin Yahaya	Chairman	Shinryo (M) Sdn. Bhd.	2016 - 2018
6	Mr. Christopher Charles Rowe	General Manager	Sakura Ferroalloys Sdn. Bhd.	2016 - 2018
7	YBhg. Tan Sri Dato' Sri Sufri Bin Hj. Mohd Zin	Vice President	Master Builders Association Malaysia (MBAM)	2017 - 2019
8	YBhg. Dato' Sri Che Khalib Bin Mohamad Noh	Group Managing Director	MMC Corporation Berhad	2017 - 2019
9	YBhg. Dato' Sri Azharuddin Bin Abdul Rahman	Director General	Department Civil Aviation (DCA)	2017 - 2019
10	YBhg. Dato' Michael Tio	Chief Executive Officer	PKT Logistics Group Sdn. Bhd	2017 - 2019
11	YBhg. Datuk Seri Azmi Abdul Aziz	President & Group Chief Executive Officer	Prasarana Malaysia Berhad	2017 - 2019
12	YBhg. Datuk Dr. Mohd Yaakub Hj. Johari	Chief Executive	Sabah Economic Development and Investment Authority (SEDIA)	2017 - 2019
13	YBhg. Datuk Ag. Buhtamam Bin Ag. Mahmun	Chief Executive Officer	Sedafiat Sdn. Bhd.	2017 - 2019
14	YBhg. Datuk Mohamed Azahari Bin Mohamed Kamil	Group Managing Director	QSR Brands Holdings Berhad	2017 - 2019
15	YBhg. Datuk Syed Hussain Aljunid P.J.N.	Senior Director, Business & Operation Support Asia	Western Digital (M) Sdn Bhd	2017 - 2019
16	Mr. Abdul Rashid Bin Musa	Chief Executive Officer	PROTON Edar Sdn. Bhd.	2017 - 2019
17	Mr. Muhamed Ali Bin Hajah Mydin	Chief Executive Officer	Penang Skill Development Centre (PSDC)	2017 - 2019

PENGENALAN

Pusat penyelidikan dan Inovasi JPPKK memfokuskan kepada pengurusan aktiviti penyelidikan dan inovasi dalam kalangan kakitangan akademik dan pelajar di Politeknik dan Kolej Komuniti melalui aktiviti-aktiviti berikut:

1. Penyelidikan:
Menggalakkan pembudayaan ilmu di kalangan pensyarah melalui aktiviti bengkel penulisan, membantu pengajuran seminar dan penerbitan e-jurnal.
2. Inovasi:
Menyelaras penglibatan Politeknik dan Kolej Komuniti dalam pertandingan inovasi di peringkat kebangsaan dan antarabangsa serta memudahkan cara perlindungan IP dan pengkomersilan teknologi untuk menggalakkan pembangunan ekosistem inovasi.

INTRODUCTION

Research and Innovation Centre, DPCCE focuses on the management of research and innovation activities amongst academic staff and students in Polytechnic and Community College through the following activities:

1. Research:
To intensify the research culture amongst academic staff through activities such as research writing workshops, administrating the organisations of seminars and the publication of e-journals.
2. Innovation:
To coordinate Polytechnics and Community Colleges participation in innovation showcase at the national and international levels, as well as facilitate the IP protection and technology commercialisation to encourage the development of innovation ecosystem.

JADUAL 21 : SENARAI PROJEK YANG DIANUGERAHKAN GERAN PUBLIC-PRIVATE RESEARCH NETWORK (PPRN), 2018
TABLE 21 : LISTS OF PROJECTS AWARDED PUBLIC-PRIVATE RESEARCH NETWORK (PPRN), 2018

Bil. No.	Politeknik <i>Polytechnic</i>	Projek <i>Project</i>	Syarikat <i>Company</i>
1	Politeknik Sultan Haji Ahmad Shah	Automatic Carton Foding Machine	UWC Healthcare MFG (M) Sdn Bhd
2	Politeknik Sultan Haji Ahmad Shah	Premix Flour Weighing Machine	Noraini Cookies Worldwide Sdn Bhd
3	Politeknik Sultan Haji Ahmad Shah	Semi-Automatic Mixer & Low Pressure Steam Generator for Mushroom Production	Cahaya D Kerek Enterprise
4	Politeknik Nilai	Automatic Coffee Packing Machine	Bumi Kiara Enterprise

JADUAL 22: SENARAI KAJIAN YANG DIANUGERAHKAN GERAN TRANSDISCIPLINARY RESEARCH GRANT SCHEME (TARGS), 2018

TABLE 22: LIST OF RESEARCHES AWARDED TRANSDISCIPLINARY RESEARCH GRANT SCHEME (TARGS), 2018

Bil. No.	Nama Penyelidik Name of Researchers	Politeknik Polytechnic	Kajian Research	Jumlah Total
1	Siti Farah Binti Hussin	Politeknik Mersing Johor	Developoment of portable Inclubators on The Growth of E.Coli Bacteria Found in Source of Drinking Water using The Internet of Thing and Two factor Authentication (2FA)	RM 86,500.00
2	Anding Anak Nyuak	Politeknik Kuching Sarawak	<i>Internet of Thing (IOT) for Black Pepper Farming in Sarawak</i>	RM 113,500.00
3	Norhana Binti Mat Salleh	Politeknik Sultan Salahuddin Abdul Aziz Shah	<i>The Design of REBG Antennas by Implementing IOT Sensors for IR 4.0 Drone Application</i>	RM 85,000.00
4	Dr. Umawathy A/P Techanamurthy	Jabatan Pendidikan Politeknik Dan Kolej Komuniti	<i>Development of a Mobile problem Solving Flipped Classroom Module in Internet of Things for Community Collages</i>	RM 42,000.00
5	Muhamad Hashim Bin Ahmad	Politeknik Sultan Salahuddin Abdul Aziz Shah	<i>The Design of IOT Based Drone Application For Fertigation Smart Farming That Impliment The Argriculture 4.0</i>	RM 88,040.00
6	Tajul Azhar Bin Mohd Tajul Ariffin	Politeknik Mersing Johor	<i>Robust Ransomware Incident Handling For Internet Of Things (IOT) Device Using Cyber Range Exercise</i>	RM 207,500.00
7	Lee Moi Fong	Politeknik Melaka	<i>Development Of Digital Trainer With Built In Zif Socket And Header Connector (Hc) For Digital Laboratory</i>	RM 43,000.00
8	Ts. Murugan A/L Krishnan	Politeknik Mersing Johor	<i>Smart Agricultural System Using IOT Technology</i>	RM 110,000.00
9	Fauziah Binti Che Mat	Politeknik Port Dickson	<i>Next Generation Smart Ambulance Platform Management System</i>	RM 101,000.00
10	Che Haspu Robiah Binti Daud	Politeknik Sultan Mizan Zainal Abidin	<i>Application of Oil Palm Shell Nano- Particles as additive in Diesel Engines for Performance and Emissions Improvement</i>	RM 81,343.00
11	Husaini Aza Bin Mohd Adam	Politeknik Tuanku Sultanah Bahiyah	<i>IoT Based Water Monitoring System For Aquaculture Industri</i>	RM 127,352.00
12	Dr. Supa'at Bin Hj Zakaria@Jawahir	Politeknik Ungku Omar	<i>Development of New Activated Carbon (AC) Kiln With Physical Activation System By Steam For AC Production From Agriculture Waste.</i>	RM 170,000.00
13	Zulhisyam Bin Salleh	Politeknik Melaka	<i>Development of Design Fingers Exergame using Robotic Approach for Autism Theapeutic Intervention</i>	RM 130,000.00
14	Dr. Wan Rosemehah Binti Wan Omar	Politeknik Sultan Salahuddin Abdul Aziz Shah	<i>Development on Wireless Hand gesture Voice Modulation for Deaf and mute</i>	RM 94,000.00
15	Haidie Bin Inun	Politeknik Kota Kinabalu	<i>Electric Wheelchair Controlled by Joystick and Android & IOS Smartphone</i>	RM 21,000.00
16	Syahrull Hi-Fi Syam Bin Ahmad Jamil	Politeknik Tuanku Syed Sirajuddin	<i>Establishment of Rectangular Domain Feature Extraction Method for Heart Abnormality Detection using Artificial Neural Network</i>	RM 71,000.00

JADUAL 23(a) : PERKONGSIAN ILMU DI PERINGKAT ANTARABANGSA OLEH POLITEKNIK, 2018

TABLE 23(a) : KNOWLEDGE SHARING AT INTERNATIONAL LEVEL BY POLYTECHNIC, 2018

BIL. NO.	NAMA SEMINAR / CONFERENCE NAME	JUMLAH KERTAS NO. OF PAPERS	LOKASI LOCATION
1	Technology and Innovation International Conference 2018 (TECHON)	70	Meritz Hotel Miri, Sarawak
2	International Conference on Research in TVET Studies 2018 (ICOR-TVET 2018)	72	Ho Chi Minh City, Vietnam
3	2nd International Conference of Applied Sciences on Engineering, Business, Linguistic and Information Technology (ICO-ASCNITECH2018)	30	AKEPT, Negeri Sembilan
4	The 2nd Regional Conference on Mechanical and Marine Engineering (REMME'2018)	35	Symphony Hotel, Ipoh
5	3rd Regional Students Product Exhibition (ReSPEX 2018)	50	PPD
6	2nd International Congress on Innovations in Civil Engineering (ICICE 2018)	50	PPD
7	Kertas Kerja Seminar Liga Ilmu Serantau 2018	82	Kampus Politeknik Jambi Kota Jambi, Jambi, Indonesia
JUMLAH / TOTAL		389	

JADUAL 23(b) : PERKONGSIAN ILMU DI PERINGKAT KEBANGSAAN OLEH POLITEKNIK, 2018

TABLE 23(b) : KNOWLEDGE SHARING AT NATIONAL LEVEL BY POLYTECHNIC, 2018

BIL. NO.	NAMA SEMINAR / CONFERENCE NAME	JUMLAH KERTAS NO. OF PAPERS	LOKASI LOCATION
1	National Invention & Innovation, Conference & Robot-Sumo 2018	55	Dewan Muadzam Shah
2	National e-Learning Conference (NeLCon 2018)	80	PPD
3	National Conference on Wood Based Technology, Engineering and Innovation 2018 (NCWEI'18)	53	PKK
4	National Conference on Mechanical Engineering 2018 (NCME18)	50	Dewan Jubli Perak, Kota Bharu
5	Kenyalang National Geomatic Colloquium 2018 (KNGC 2018)	50	Dewan Jubli Perak, Mini Auditorium & Bilik Seminar UIMD
6	Festival Agro Makanan dan Bioteknologi 2018	50	POLISAS
7	National Education, Research, Innovation and Entrepreneurship Conference 2018 (NERIEC'18)	50	POLISAS
8	Seminar PPRN 2018	20	PNS
9	Konvensyen Inovatif & Kreatif (KIK) Horizon Baharu 2017, Innovative & Creative Conventions, New Horizon, 2017	42	PKT
10	8th National Conference In Education-Technical & Vocational education And Training (CIE-TVET 2018)	117	PMM
11	5th National Conference on Research and Education (NaREC'18)	60	PPD
12	4th National Conference on Research and Innovation 2018 NACRI	50	Dewan Banquet, PTSS
13	Innovation & Competition 2018 (3rd INNOCOM 2018)	50	Dewan Harumanis, PTSS
14	National Conference on Sustainable Cities (NaCoSC 18)	50	PUO
15	National Research and Innovation Conference 2018 (NRICon2018)	50	Kuching
JUMLAH / TOTAL		827	

JADUAL 24: PENCAPAIAN EMAS POLITEKNIK DALAM PERTANDINGAN INOVASI PERINGKAT ANTRABANGSA 2018
 TABLE 24: POLYTECHNICS GOLD ACHIEVEMENT IN INTERNATIONAL INNOVATION COMPETITION 2018

BIL. NO.	PRODUK INOVASI INNOVATION PRODUCT	INSTITUSI INSTITUTIONS	PERTANDINGAN COMPETITION	TEMPAT LOCATION
1	Antilarv- Microencapsulated Biolarvicide	PNS	46th International Exhibition Of Inventions Geneva	Geneva, Switzerland
2	High Performance Surgical Drill Bit (Or+Ho-Drill)			
3	Key Borrowing System	PSIS		
4	Robotic Programming Language Education Kit			
5	Speaks Hybrid PTSB			
6	Decomp-Pro	PTSB	The 4th World Invention Innovation Contest [WIC] 2018	Seoul, Korea Selatan
7	Secret No.2c			
8	Portable Lake Bin			
9	The Potential Use Of Mobile Application In Entrepreneurial Teaching	PMS	The 2nd International Indonesia-Malaysia- Thailand Symposium On Innovation And Creativity (IMIT SIC 2018)	Universitas Riau, Indonesia
10	Dwi Operational Multiple Control System For Home Electrical Appliance For Elderly And Disable People			
11	Student Creative Architecture Project Exchange (SCAPE)	JPPKK		
12	High Performance Surgical Drill Bit (Or+Ho-Drill)	PNS		
13	Juden (Jubah Moden)	PMJB		
14	Cristal (Case-Based Reasoning Intelligent System Tutoring For Algebra Learning)	PBU		
15	Rendang Cookies	PMM		
16	Inovasi Usahawan Ria	PMK	International Invention, Innovation & Design (IIID 2018)	Universiti Teknologi Mara
17	Mesin Gedegang Kitar Semula			
18	Effect Addition Of Paddy Straw Powder On Ldpe And Hdpe	PSA		
19	Stingless Bee Honey Commercialization Using Special Cup (JP)			
20	My Assessment Checker (MAC V2)			
21	Sport Robot (Robot Sumo)	PPD	All Malaysia Fsi & World Robot Sumo Tournament 2018	Perda, Pulau Pinang
22	Superb Huffaz	PSAS	International Engineering Invention & Innovation Exhibition (I-Envex 2018)	Universiti Utara Malaysia
23	Kokoneos Board	PTSS		
24	Superb Huffaz	PSAS	I-CIPTA 2018	Universiti Teknologi Mara
25	Sport Robot (Robot Sumo)	PPD	IIUM Robotics Competition 2018	Universiti Islam Antarabangsa
26	PTSB Mechatronic Kit	PTSB	International Eureka Innovation Exhibition 2018 (I-EIE2018)	Universiti Kuala Lumpur

BIL. NO.	PRODUK INOVASI INNOVATION PRODUCT	INSTITUSI INSTITUTIONS	PERTANDINGAN COMPETITION	TEMPAT LOCATION
27	Corn Shredder	PSS		
28	Muscarid (Alat Pembasmi Lalat)	PMM	International Innovative & Creative Evolution Competition 2018 (I-CREATEVO2018)	Politeknik Ibrahim Sultan
29	The Outcome Of Using Educational Electronic Board Game On The Students' Of Polytechnics Achievement In Oral Communication Skills In Classrooms	PSAS	International Invention & Innovative Competition (INIIC SERIES 1/2018)	Kuala Lumpur
30	Smart Agro Drone	PMS		
31	DC Supply Wiring Trainer	PMK		
32	AR Animales Application			
33	Sand E-Learning Apps	PSIS	International Research Innovation Invention Solution Exposition (IRIISE) 2018	Universiti Malaya
34	RS Table Mat			
35	Smart And Safety Helmet (SS Helmet)	PMJ		
36	C-Channel Trusses Holder	PMM	Malaysia Technology Expo (MTE 2018)	Kuala Lumpur
37	V The 2 In 1 Eco-Friendly Shoes	PSA		
38	Speaks Hybrid PTSB			
39	PTSB Mechatronic Kit	PTSB	Sirim Invention, Innovation & Technology Expo 2018 (SI2TE 2018)	Standard And Industrial Research Institute Of Malaysia (SIRIM), Kulim
40	PTSB Hybrid Robot			
41	My Assessment Checker (MAC V2)	PSA	29th International Invention, Innovation & Technology Exhibition 2018 (ITEX 2018)	Kuala Lumpur

TAKRIFAN ISTILAH

'Kemasukan' bermaksud bilangan pelajar baharu yang mendaftar dan mengikuti pengajian di politeknik bagi satu-satu sesi pengajian. Terdapat empat (4) sesi pengajian dalam satu (1) tahun, iaitu:

- i. Sesi Disember (pada tahun sebelum);
- ii. Sesi Mac (pada tahun semasa);
- iii. Sesi Jun (pada tahun semasa); and
- iv. Sesi September (pada tahun semasa)

'Enrolmen' bermaksud jumlah keseluruhan pelajar yang sedang mengikuti pengajian di politeknik (termasuk pelajar baharu, pelajar senior, mendapat cuti dengan kebenaran / penangguhan pengajian atau sedang mengikuti Latihan Industri).

'Lulusan' bermaksud bilangan pelajar yang telah diperakui untuk dianugerahkan Sijil oleh Lembaga Peperiksaan dan Penganugerahan Sijil/Diploma Politeknik, KPM.

'Kapasiti' bermaksud jumlah maksimum pelajar yang boleh ditampung oleh politeknik mengikut Garis Panduan dan Peraturan Perancangan Bangunan yang ditetapkan Jawatankuasa Perancang Pembangunan Negara, Jabatan Perdana Menteri.

'Kebolehpasaran Graduan' bermaksud peratusan graduat Politeknik yang bekerja, melanjutkan pengajian, meningkatkan kemahiran dan menunggu penempatan pekerjaan dalam tempoh 6 bulan selepas bergraduasi.

DEFINITIONS OF TERMS

'Intake' refers to the number of new students registering and pursuing studies at the polytechnics for an academic session. There are four (4) academic sessions within one (1) year:

- i. December Session (of the year before);
- ii. March Session (of the current year);
- iii. June Session (of the current year); and
- iv. September Session (of the current year)

'Enrolment' refers to the total number of students who are studying at the polytechnics (including new students, senior students, students with official permission for leave / deferment or currently undergoing industrial training).

'Output' refers to the total number of students who have been recognised to be awarded a certificate by the Examination and Polytechnic Certificate/Diploma Awarding Board, MOE.

'Capacity' refers to the maximum number of students in polytechnics as ascertained by the Guidelines and Building Planning Regulations, National Development Planning Committee, Prime Minister's Department.

'Graduate Employability' refers to the percentage of Polytechnic graduates who work, further their study, improve their skills and are waiting for job placement within 6 months after graduation.

**SINGKATAN
ABBREVIATION**

SINGKATAN ABBREVIATION	MAKSUD	MEANING
APACC	Suruhanjaya Persijilan dan Akreditasi Asia Pasifik	<i>Asia Pacific Accreditation and Certification Commission</i>
CPSC	Staf Kolej Rancangan Colombo bagi Pendidikan Teknikal	<i>Colombo Plan Staff College for Technical Education</i>
ETAC	Majlis Akreditasi Teknologi Kejuruteraan	<i>Engineering Technology Accreditation Council</i>
IP	Harta Intelek	<i>Intellectual Property</i>
IPG	Institut Perguruan	<i>Institute of Teacher Education</i>
JPPKK / DPCCE	Jabatan Pendidikan Politeknik	<i>Department of Polytechnic and Community College Education</i>
JPT / DHE	Jabatan Pendidikan Tinggi	<i>Department of Higher Education</i>
KPM / MOE	Kementerian Pendidikan Malaysia	<i>Ministry of Education</i>
METrO	Meningkatkan Peluang Pendidikan dan Latihan	<i>Maximising Education and Training Opportunities</i>
MDAIM	Mengubah Destini Anak India Malaysia	<i>Changing the Destiny of Malaysian Indian Children</i>
MQA	Agensi Kelayakan Malaysia	<i>Malaysian Qualifications Agency</i>
PFI	Inisiatif Pembiayaan Swasta	<i>Private Finance Initiative</i>
PLSP	Pusat Latihan Staf Politeknik	<i>Polytechnic Staff Training Centre</i>
PPPT	Pegawai Pendidikan Pengajian Tinggi	<i>Higher Education Officials</i>
PPRN	Rangkaian Penyelidikan Awam-Swasta	<i>Public-Private Research Network</i>
PSH / LLL	Pembelajaran Sepanjang Hayat	<i>Lifelong Learning</i>
SPM	Sijil Pelajaran Malaysia	<i>Malaysian Certificate of Education</i>
TVET	Pendidikan dan Latihan Teknikal dan Vokasional	<i>Technical and Vocational Education and Training</i>

**Sumber Data JPPKK
DPCCE Data Sources**

DATA	SUMBER / SOURCES
Jabatan Department	Bahagian Koordinasi TVET <i>TVET Coordination Division</i> Bahagian Khidmat Pengurusan <i>Management Service Division</i> Unit Komunikasi dan Hubungan Korporat <i>Communication and Corporate Liaison Unit</i>
Institusi (Politeknik & COT) <i>Institution (Polytechnic & COT)</i>	Bahagian Perancangan Program dan Institusi <i>Programme and Institution Planning Division</i> Bahagian Governan dan Kecemerlangan <i>Governance and Excellence Division</i> Unit Komunikasi dan Hubungan Korporat <i>Communication and Corporate Liaison Unit</i>
Pelajar Students	Bahagian Ambilan dan Pembangunan Pelajar <i>Student Admission and Development Division</i> Bahagian Peperiksaan dan Penilaian <i>Examination and Evaluation Division</i>
Program Programme	Bahagian Instruksional dan Pembelajaran Digital <i>Instructional and Digital Learning Division</i> Bahagian Ambilan dan Pembangunan Pelajar <i>Student Admission and Development Division</i>
PSH	Bahagian Kolaborasi Industri dan Komuniti <i>Industry Collaboration Division and Community</i> Bahagian Kurikulum <i>Curriculum Division</i>
Staf Staff	Bahagian Kompetensi dan Peningkatan Kerjaya <i>Competency and Professional Excellence Division</i>
Industri Industry	Bahagian Kolaborasi Industri dan Komuniti <i>Industry Collaboration Division and Community</i>
Penyelidikan & Inovasi Research & Innovation	Pusat Penyelidikan dan Inovasi <i>Research and Innovation Centre</i> Bahagian Perancangan Program dan Institusi <i>Programme and Institution Planning Division</i>

Sidang Redaksi / Editorial

PENAUNG / PATRON

YBhg. Prof. Dato' Ts. Dr. Mohd Ismail bin Abd Aziz

PENASIHAT / ADVISOR

YBrs. Ts. Dr. Mohammad Naim bin Yaakub

PENGERUSI / CHAIRMAN

YBrs. Dr. Shamsuri bin Abdullah

KETUA PENYUNTING / CHIEF EDITOR

YBrs. Dr. Wan Nor Aishah binti Wan Omar
Puan Jamila binti Saad
Cik Nur Hafazah binti Sharin

INFORMASI POLITEKNIK, EDISI OKTOBER 2018

Polytechnic Information, October 2018 Edition
PENYUNTING / EDITOR

Encik Mohamad Khairul bin Mohamad @Alwi
Puan Nur Hidayah binti Khalid
Puan Siti Masliza binti Mohd Nawi
Puan Liasuhaida binti Bardan
Encik Erizman bin Soib
Puan Elmiza binti Roslan
Puan Rohayu binti Ses
Encik Mohd Farizul Irni bin Ismail
Puan Siti Aminah binti Yusof
Puan Hanida binti Abdullah
Puan Hazwani binti Hamdzah
Puan Farah Hida binti Mohiddin
Encik Wan Izdiharuddin bin Wan Ishak

Penghargaan dan terima kasih kepada semua yang terlibat dalam menjayakan penerbitan buku Informasi Politeknik, Edisi Oktober 2018.

Appreciation and gratitude to all involved in the publication of the Polytechnic Information, October 2018 Edition.



Jabatan Pendidikan Politeknik dan
Kolej Komuniti,
Kementerian Pendidikan Malaysia
*Department of Polytechnic and
Community College Education,
Ministry of Education*
Galeria PjH, Jalan P4W,
Persiaran Perdana, Presint 4, 62100 Putrajaya
Tel : 03 8891 9000 Faks : 03 8891 9301



<http://mypoliteknik.edu.my>