POLITEKNIK MALAYSIA
BANTING

KECEMERLANGAN PBS 2021

POLITEKNIK MALAYSIA
BANTING

KECEMERLANGAN PBS 2021

Hak cipta terpelihara. Tiada bahagian daripada buku ini boleh diterbitkan semula, disimpan untuk pengeluaran atau ditukarkan ke dalam sebarang bentuk atau dengan sebarang alat, sama ada dengan cara elektronik, gambar serta rakaman dan sebagainya tanpa kebenaran bertulis daripada Politeknik Banting Selangor terlebih dahulu.

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Diterbitkan oleh:
POLITEKNIK BANTING SELANGOR
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENGAJIAN TINGGI
Persiaran Ilmu,
Jalan Sultan Abdul Samad,
42700 Banting,
Selangor Darul Ehsan.
www.pbs.mypolycc.edu.my
Tel:603-31201625
Faks:603-31201706

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Perpustakaan Negara Malaysia

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9 7 8 9 6 7 2 7 4 7 0 9 3

Kecemerlangan PBS 2021

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Visi dan Misi

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;

3. Melahirkan graduan holistik, berciri keusahawanan dan seimbang; dan

4. Memanfaatkan sepenuhnya perkongsian pintar dengan pihak berkepentingan

"Employability Our Priority"

Kata Aluan

Assalamualaikum dan Salam Sejahtera.

Syukur Alhamdulillah kerana dengan rahmat dan izin Allah SWT, Politeknik Banting Selangor (PBS) telah berjaya menerbitkan buku Kecemerlangan PBS 2021.

Kejayaan PBS yang dipersembahkan melalui buku Kecemerlangan PBS 2021 ini menggambarkan kegigihan, ketabahan serta komitmen yang diberikan oleh warga PBS dalam mencapai kecemerlangan yang tinggi. Bak kata pepatah, yang bulat tidak datang bergolek, yang pipih tidak datang melayang.

Akhir kalam, sekalung tahniah diucapkan kepada sidang editorial yang terlibat dalam proses menerbitkan naskah yang cukup bermakna ini. Besar harapan saya agar buku Kecemerlangan PBS 2021 ini dapat dimanfaatkan sepenuhnya dan menjadi panduan serta rujukan warga kerja PBS bagi mencapai kejayaan.

Selamat Maju Jaya

Ts. ZAINAH BINTI RUJIHAN
Pengarah
Politeknik Banting Selangor

Lembaga Penasihat PBS

Dato' Hasan Azhari Hj. Idris
Ketua Pegawai Eksekutif
Invest Selangor

Dr. Liew Kan Ern
Ketua Pegawai Eksekutif
Aerospace Malaysia Innovation Centre (AMIC)

Ms. Angie Ong Leah Leng
Pengurus Kanan
Group HR of Top Glove

En. Mohd Haizal Abdul Rahim
Pengurus Technical Training, Engineering and Maintenance
Malaysian Airlines Berhad

Prof. Ts. Shamsul Kamar Abu Samah
Ketua
National Aerospace Industry Coordinating Office (NAICO)

En. Prasad Chandran
Pengarah
Pusat Pengurusan Korporat
Panasonic Industrial Devices Malaysia Sdn. Bhd.

Pn. Ida Adora Ismail
Ketua Pegawai Eksekutif
Systematic Aviation Services Sdn. Bhd.

Pn. Teh Sook Ling
Pengarah Eksekutif
Selangor Human Resource Development Centre (SHRDC)

En. Naguib Mohd Nor
Ketua Pegawai Eksekutif
Strand Aerospace Malaysia Sdn. Bhd.

En. Md Zaini Md Zakaria
Naib Presiden
Malaysian Industry-Government Group for High Technology (MIGHT)

Pengurusan PBS

Pengurusan Tertinggi

Ts. Zainah binti Rujihan

Pengarah
Politeknik Banting Selangor

En. Saharuddin bin Talib

Timbalan Pengarah

En. Mohd Khazaren bin Kusaini

Timbalan Pengarah
Sokongan Akademik

En. Ibrahim bin Burhan

Timbalan Pengarah
Sokongan Industri

Ketua Jabatan

En. Muhammad Iswan bin Mohamad Ayob

Ketua Jabatan
Penyenggaraan Pesawat

Pn. Haslinda binti Mohammad

Ketua Jabatan
Matematik, Sains dan Komputer

En. Roswady bin Abdul Wahab

Ketua Jabatan
Hal Ehwal Pelajar

Pn. Norzilah binti Mohd Ali

Ketua Jabatan
Pengajian Am

Ts. Mohd Hazwan bin Mohamed Norli

Ketua Jabatan
Kejuruteraan Mekanikal

Fakta PBS

Jumlah Staf
138

Jumlah Pelajar
1064

Graduat
875

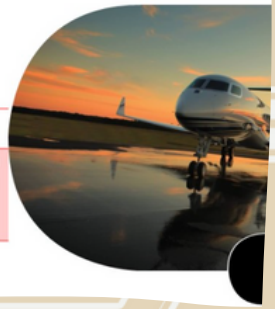
Jumlah Program
3

PROGRAM YANG DITAWARKAN

PROGRAM	TEMPOH PENGAJIAN	NO.AKREDITASI
Diploma Kejuruteraan Mekanikal	3 Tahun (6 Semester)	MQA/FA2977
Diploma Kejuruteraan Mekanikal (Pembuatan)		BEM/ETA D/02/93/DA/02-05-137(001)

PROGRAM YANG DITAWARKAN

PROGRAM	TEMPOH PENGAJIAN	NO.AKREDITASI
Diploma Kejuruteraan Penyenggaraan Pesawat	3 Tahun (6 Semester)	BEM/ETAC/02/93/DA/02-01-226 (001)



PROGRAM YANG DITAWARKAN

PROGRAM	TEMPOH PENGAJIAN	NO.AKREDITASI
Diploma Kejuruteraan Mekanikal	3 Tahun (6 Semester)	MQA/FA2977
Diploma Kejuruteraan Mekanikal (Pembuatan)		BEM/ETA D/02/93/DA/02-05-137(001)

Fakta PBS

KEMENTERIAN PENGAJIAN TINGGI
POLITEKNIK MALAYSIA
BANTING
TAHNIAH
&
Selamat Datang
Ts. ZAINAH BINTI RUJIHAN
PENGARAH
POLITEKNIK BANTING SELANGOR
Berkuatkuasa 14 Jun 2021 (Isnin)
Ikhlas daripada
Seluruh Warga
Politeknik Banting Selangor
https://pbs.mypolycc.edu.my
Politeknik Banting Selangor
Politeknikbantingselangor
Politeknik Banting Selangor

KEMENTERIAN PENGAJIAN TINGGI
POLITEKNIK MALAYSIA
BANTING
Terima Kasih
Kepada
Seluruh Warga
Politeknik Banting Selangor
Hebat Warga PBS
Teruskan Kecemerlangan
Jalan selisih di kuala kedah,
Jalan sehala hujung jeti,
Terima kasih ucapan terindah,
Atas segala jasa dan bakti.
DR. NORHAYATI BINTI ZAKARIA
1 DISEMBER 2011 -14 JUN 2021
https://pbs.mypolycc.edu.my
Politeknik Banting Selangor
Politeknikbantingselangor
Politeknik Banting Selangor

KECEMERLANGAN INSTITUSI

Kecemerlangan Governan
100% Pencapaian KPI

Kebolehpasaran Graduan PBS

KPI 1
% Kebolehpasaran graduan Politeknik Banting Selangor

Sasaran	Pencapaian
85%	95.97%

Jumlah Graduan

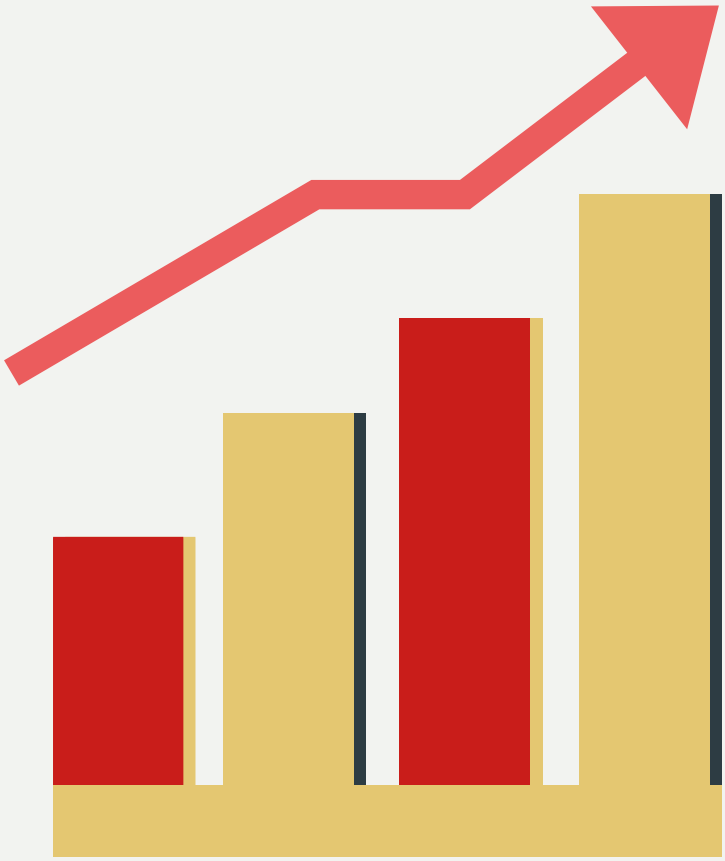
338

Bilangan Responden

297

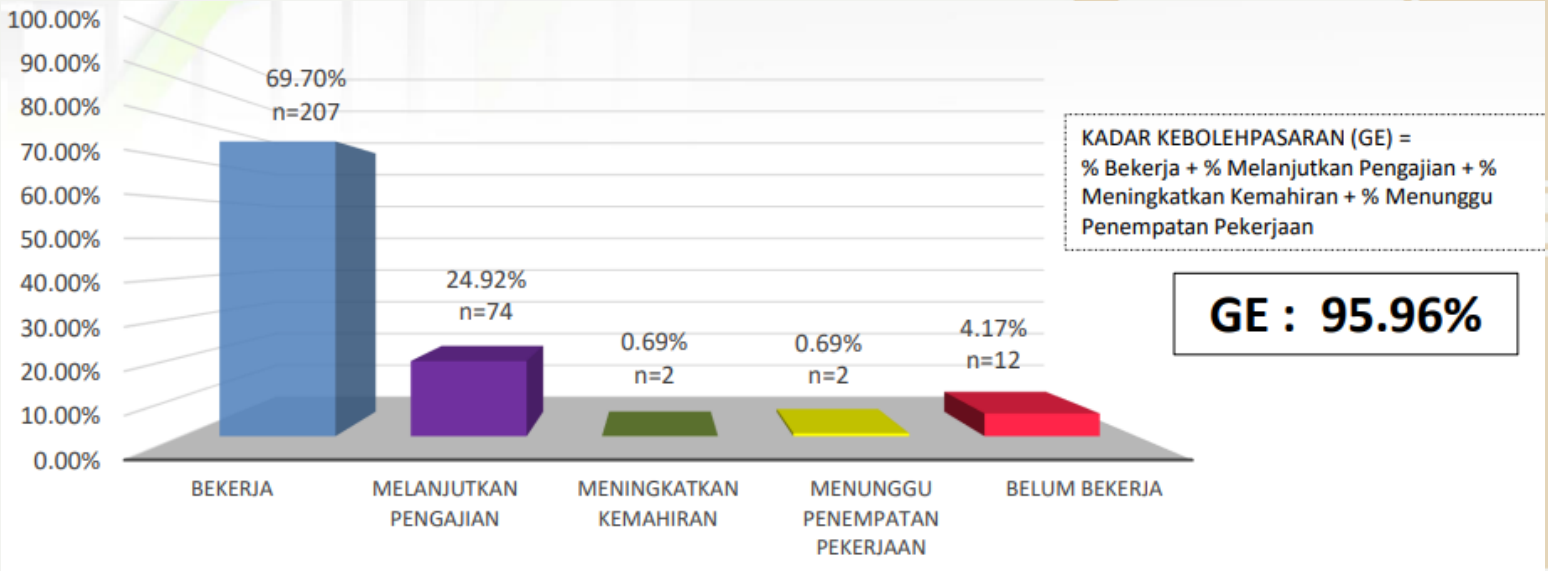
Kecemerlangan Governan
100% Pencapaian KPI

Kebolehpasaran Graduan PBS



Kadar Responden

87.87%



- Sistem Kajian Pengesanan Graduan TVET (SKPG TVET 2021) digunapakai untuk mengukur indikator pencapaian KPI Kebolehpasaran Graduan
- Data interim : dikemaskini pada 9 Disember 2021
- Sumber : Sistem Anjung TVET

Kecemerlangan Governan
100% Pencapaian KPI

Graduan PBS Menceburi Bidang Keusahawanan

KPI 2
% Graduan yang menceburi bidang keushawnan selepas menamatkan pengajian dalam tempoh 12 bulan

Sasaran	Pencapaian
6%	12.47%

Kecemerlangan Governan
100% Pencapaian KPI

KPI 9
Bilangan program_aktiviti yang dihebahkan melalui media sosial jabatan_institusi pada tahun semasa

Sasaran 80

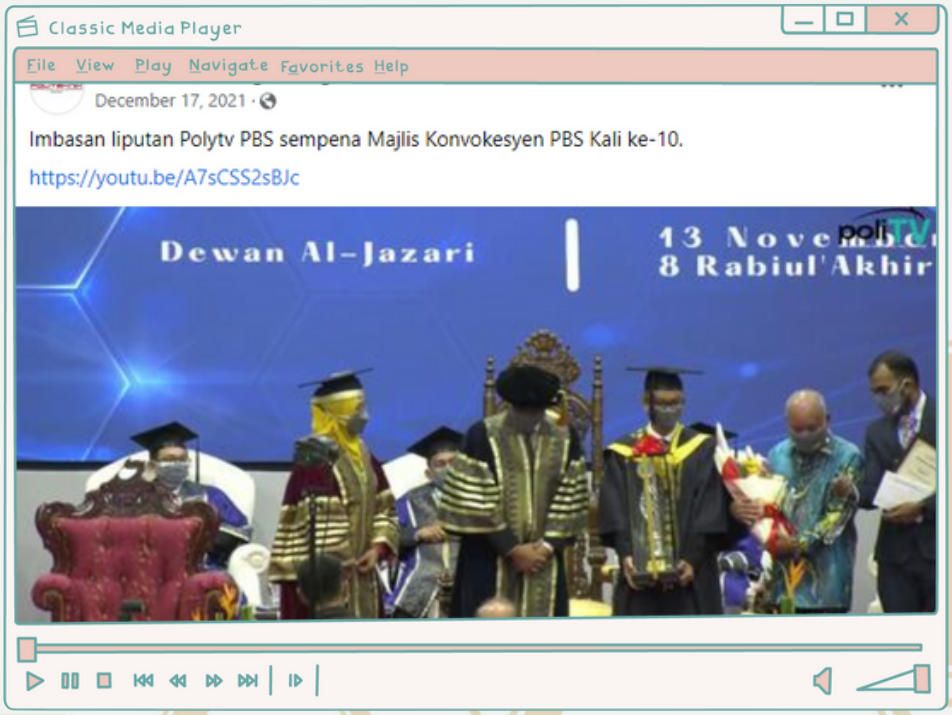
Pencapaian 96

ADUAN
34

CADANGAN
8

PERTANYAAN
32

PENGHARGAAN
0



Kecemerlangan Governan
100% Pencapaian KPI

KPI 11
% Prestasi perbelanjaan mengurus 99% bagi tahun semasa

Sasaran 99%
Pencapaian 99.99%

KPI 12
% Prestasi Pengurusan pembayaran bil dan tuntutan dalam tempoh 7 hari selepas dokumen lengkap diterima

Sasaran 95%
Pencapaian 100%

KPI 13
% Pensyarah bagi kursus teras bidang di institusi yang memiliki kemahiran industri pada tahun semasa

Sasaran 30%
Pencapaian 62.30%

Kolaborasi Berimpak Tinggi

KPI 19
Bilangan industri yang bekerjasama dengan institusi bagi menghasilkan kolaborasi berimpak tinggi

Sasaran 2
Pencapaian 6

Sumbangan peralatan bernilai RM 339,208.30 dari TUDM bagi tujuan Pembelajaran dan Pelajaran (PdP) Program Diploma Kejuruteraan Penyenggaraan Pesawat

Kolaborasi Berimpak Tinggi

TESTIA
AN AIRBUS COMPANY

Sumbangan dua unit radome dari TESTIA iaitu Radome Airbus 350 bernilai RM 220,000.00 dan Radome Airbus 320 bernilai RM205,000.00

Kecemerlangan Governan 100% Pencapaian KPI

Kolaborasi Berimpak Tinggi

Sila rujuk emel di bawah untuk jawapan penerimaan penempatan Latihan Industri di CTRM. Program yang ditawarkan adalah "***STRUCTURED INTERNSHIP***" dimana pelatih akan didedahkan dengan alam pekerjaan. Maklumat berkenaan dengan program ini adalah seperti berikut:

Tempoh	:	**01st March 2021 – 16thJuly 2021**
Elaun	:	**RM 400 (sebulan)**
Lain-Lain CTRM.	:	1. Pelatih juga akan terlibat dengan shift dan OT sepanjang program ini dan akan dibayar oleh pihak
		2. Insurans adalah dibawah institut masing-masing sepanjang program.
		3. "Safety Shoes", pengangkutan dan penginapan TIDAK disediakan oleh pihak CTRM.

CTRM

A Member of DRB-HICOM

Latihan Industri Berstruktur

BAOSTEEL

malaysia airlines

BAOSTEEL CAN MAKING (MALAYSIA) SDN. BHD.

Date : 1st March 2021 (T001)
Name : NAVINDRAN A/L SRINIVASAN
NRIC : 000131-10-1005

Letter of Offer (Industrial Training)

In relation to the above, we are pleased to inform that we hereby accept Mr. undergo industrial training at our company with the following conditions: -

1. **Dept./Section**: Manufacturing / Production
2. **Training Allowance**: **RM1500** per month *(Subject to daily attendance. Allowance will be deducted RM30 per day if the trainee does not attend without reasonable reasons or prior permission)*
3. **Training Period**: 1 March 2021 to 16 July 2021
4. **Working Hours**: Monday to Saturday - 8.00 am to 5.00 pm
(You are required to cap your attendance every day for the purpose of your attendance record and the company may change the prescribed working days and hours depending on operational needs from time to time.)

Lecturer
Politeknik Banting Selangor (PBS)
Persiaran Ilmu
Jalan Sultan Abdul Samad
42700 Banting, Selangor D.E.
Attn: En Siva Prabu AL Sunthra Sakaran

Dear En Siva,

Acknowledgement and Acceptance of PBS Trainees for OJT at MAB E&M KLIA

Your e-mail dated 10 Feb 2021 on the above subject refers.

We received your e-mail on the proposal to place 46 of Politeknik Banting Selangor trainees at our Engineering and Maintenance facilities in KLIA, Sepang from the 01 Mar 2021. The program is for 6 month and will end on 31 Aug 2021.

The students list is per the table below.

NO	Name	Matrics Number	MyKAD Number
1	ABDUL QAIYUM BIN ABDUL RAZAK	24DAM17F1039	990524017619
2	AHMAD IMRAN BIN HARIZAL	24DAM18F1083	000618020901
3	AIMAN FATHI BIN MOHD FAIRUZ	24DAM18F1071	000714101269

Kolaborasi Berimpak Tinggi

Program Latihan & Kemahiran di bawah Inisiatif Kemahiran Teknikal & Ihtisas Negeri Selangor (IKTISAS)

1. Muhammad Arif Farhan (DTP5B)
2. Muhammad Danish bin Zainal Aidi (DTP 5A)

Program Pengimpal CSWIP 3GSMAW dan Pemeriksa Kimpalan Visual CSWIP 3.0 di bawah Program KPT-CAP. Seramai 17 graduan PBS yang dipilih akan mengikuti program ini bermula 6 September sehingga 13 September 2021 bertempat di TWI Shah Alam.

Kecemerlangan Governan
100% Pencapaian KPI

Program PSH di PBS

KPI 20
Bilangan penyertaan program PSH di institusi pada tahun semasa

Sasaran	Pencapaian
375	1283

Kecemerlangan Governan
100% Pencapaian KPI

Penerbitan Kertas Penyelidikan

KPI 21
Bilangan kertas penyelidikan yang diterbitkan oleh warga Politeknik dan KK pada tahun semasa

Sasaran	Pencapaian
7	10

Physical, Mechanical, Thermal Properties of Bio-phenolic Based Composites

Tamil Moli Loganathan, Ibrahim Burhan, Saifuddin Kumar Bin Abdullah, Mohamed Thariq Hameed Sultan, Salvinder Singh A/L Karam Singh, and Umaradli Amran

Abstract Phenolic, a thermoset polymer are among the most adaptive materials utilized by hundreds of industries. Phenol reacts with formaldehyde under either acidic or basic (alkali) conditions for formation structure of novolac and resol phenolic resin. Bio-phenolic or known as modified phenolic was introduced due to formaldehyde was assessed carcinogen with genotoxicity; harmful for respiratory system. This review article is intended to present an overview on the phenolic, types and chemical structure and extraction of phenolic resin from CSNL. In addition, flammability, fire retardancy, phenolic resin, physical, mechanical and thermal properties of bio-phenolic composites especially natural fibers reinforced phenolic

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AJVAH
ISSN 2735-0215, e-ISSN: 2735-1165
DOI: https://doi.org/10.53797/ajvah.v2i2.1.2021

The Effectiveness of the Electro-Pneumatic Trainer Embedded with PIC and Visual Basic Platform for Educational Purposes

Saim, Aishah[1*], Talib, Saharuddin[2] & Burhan, Ibrahim[3]

[1,2,3]Politeknik Banting Selangor, Persiaran Ilmu, Jalan Sultan Abd. Samad, Banting, 42700, Selangor, MALAYSIA

*Corresponding author email: saishah@polibanting.edu.my

Available online 25 August 2021

Abstract: This study is to identify the effectiveness of the Electro-Pneumatic Trainer Embedded with PIC and Visual Basic Platform for educational purposes as a teaching aid in the implementation of teaching and learning at the Department of Electrical Engineering, Polytechnic Sultan Salahuddin Abdul Aziz Shah. This is a preliminary study and data was collected through questionnaires which contain three main sections. A total of 65 respondents from the semester 3 (Three) of Diploma in Electronics Engineering (Control) participated in this study. The results of the study found that the use of this trainer can improve students' understanding by 95.38% while levels of practical skills showed that respondents' interest has increased by 96.92% after using the Electro-Pneumatic Trainer. This shows that the use of an Electro-Pneumatic Trainer as teaching aids is very high.

Keywords: *Effectiveness, Pneumatic Trainer, Teaching aids.*

In: Multidisciplinary Science ... ISBN: 978-1-53618-959-9
Editors: Kaushik Pal et al. © 2021 Nova Science Publishers, Inc.

Chapter 28

THE IMPLEMENTATION OF PROJECT-BASED LEARNING TO FOSTER 21ST CENTURY SKILLS AMONG MALAYSIAN POLYTECHNIC ENGINEERING STUDENTS

*S. Thivyiyah Sanmugam**
General Studies Department, Banting Polytechnic Selangor,
Persiaran Ilmu, Jalan Sultan Abdul Samad,
Banting, Selangor, Malaysia

Kecemerlangan Governan
100% Pencapaian KPI

Produk Inovasi

KPI 22
Bilangan produk inovasi yang diaplikasi pada tahun semasa

Sasaran	Pencapaian
1	3

01 AEROSAT

02 Apps iSCIENCE

03 Apps MyKAMUS

APLIKASI PRODUK

Persijilan PBS

APPENDIX 0d-MQA Certificate of Accreditation for DAM

MQA
Agensi Kelayakan Malaysia
Malaysian Qualifications Agency

No. Siri.: 20103

No. Pendaftaran.: MQA/FA13269

PERAKUAN AKREDITASI

AGENSI KELAYAKAN MALAYSIA DENGAN INI MEMPERAKUKAN BAHAWA PROGRAM

Diploma Kejuruteraan Penyenggaraan Pesawat

YANG DIKENDALIKAN OLEH

Politeknik Banting Selangor

DI ALAMAT

Persiaran Ilmu, Jalan Sultan Abdul Samad
42700 Banting, Selangor

TELAH MENCAPAI STANDARD JAMINAN KUALITI YANG TELAH DITETAPKAN OLEH AGENSI DAN MEMATUHI KERANGKA KELAYAKAN MALAYSIA

Tahap 4

TARIKH AKREDITASI : **01/01/2019 hingga 31/12/2024**

KETUA PEGAWAI EKSEKUTIF

PENGANUGERAHAN PERAKUAN AKREDITASI INI ADALAH TERTAKLUK KEPADA PERATURAN-PERATURAN DAN SYARAT-SYARAT YANG TELAH DITETAPKAN OLEH AGENSI

KEMENTERIAN PENGAJIAN TINGGI

ANUGERAH
INSTITUSI CEMERLANG
TAHUN 2021

Dengan sukacitanya dianugerahkan

POLITEKNIK
BANTING

bagi

KOLABORASI IMPAK TINGGI

sempena

MAJLIS ASPIRASI KETUA PENGARAH
JABATAN PENDIDIKAN POLITEKNIK DAN
KOLEJ KOMUNITI
TAHUN 2022

Ts. ZAINAB BINTI AHMAD
Ketua Pengarah
Jabatan Pendidikan Politeknik dan Kolej Komuniti
Kementerian Pengajian Tinggi

SIJIL PENGHARGAAN

JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENGAJIAN TINGGI

mengucapkan setinggi-tinggi penghargaan dan tahniah kepada

POLITEKNIK BANTING SELANGOR

atas pencapaian

KPI KEBOLEHPASARAN GRADUAN

bagi

TAHUN 2021

Ts. ZAINAB BINTI AHMAD
Ketua Pengarah
Jabatan Pendidikan Politeknik dan Kolej Komuniti
Kementerian Pengajian Tinggi

KECEMERLANGAN STAF

Pencapaian Inovasi

NORISZA DALILA BINTI ISMAIL

- International Innovation ARSVOT Malaysia (IAM2021) | GOLD
- Innovative Research Invention & Application Exhibition 2021 (I-RIA 2021) | SILVER
- PERISA 2021 | SILVER
- Innovation Development Through Educational Activities (IDEA'21) | GOLD
- Anugerah SULAM 2021 | GOLD
- AIINEX 2021 | SILVER
  - SPECIAL AWARD ONLINE PROJECT PRESENTATION
  - SPECIAL AWARD INNOVATIVE IDEA VIDEO CHALLENGE
- e-SULAM INNOVATE 2021 | 26 finalis bagi Kategori Projek daripada 887 penyertaan

ROSMAWAR BINTI HUSSIN

- International Innovation ARSVOT Malaysia (IAM2021) | SILVER
- PERISA 2021 | SILVER
- AIINEX 2021 | SILVER
  - SPECIAL AWARD ONLINE PROJECT PRESENTATION
  - SPECIAL AWARD INNOVATIVE IDEA VIDEO CHALLENGE

Pencapaian Inovasi

DR. SITI ROSMINAH MD. DERUS

- International Innovation ARSVOT Malaysia (IAM2021) | GOLD
- PERISA 2021 | SILVER
- AIINEX 2021 | SILVER
  - SPECIAL AWARD ONLINE PROJECT PRESENTATION
  - SPECIAL AWARD INNOVATIVE IDEA VIDEO CHALLENGE

NURUL IZZATI BINTI MOHD ZAKI

- International Innovation ARSVOT Malaysia (IAM2021) | SILVER
- VIRTUAL INNOVATION COMPETITION 2021 (VIC21) | SILVER
- SERAI2021 | PLATINUM
  - ANUGERAH INOVASI TERBAIK (Kategori Pelajar IPT)

MOHD KHAIRUN NIZAM BIN SA'ADAN

- Innovative Research Invention & Application Exhibition 2021 (I-RIA 2021) | SILVER
- InCex'21 | GOLD
- AIINEX 2021 | GOLD
  - GRAND AWARD ONLINE PROJECT PRESENTATION

Pencapaian Inovasi

DR. HARTINY BINTI ABD KAHAR

- Innovative Research Invention & Application Exhibition 2021 (I-RIA 2021) | GOLD,SILVER
- InCex'21 | SILVER
- Anugerah SULAM 2021 | GOLD
- AIINEX 2021 | SILVER
  - Readers Insight Special Awards

MUHAMAD SANI BIN BUANG

- Innovative Research Invention & Application Exhibition 2021 (I-RIA 2021) | SILVER
- InCex'21 | SILVER
- e-SULAM INNOVATE 2021 | 26 finalis bagi Kategori Projek daripada 887 penyertaan

SAHARUDDIN BIN TALIB

- Respex2021 | GOLD
- PERISA 2021 | SILVER
- Virtual Melaka International Intellectual Exposition (V-MIIEX 2021) | BRONZE
- 4th International Malaysia-Indonesia-Thailand Symposium on Innovation & Creativity 2021 | SILVER
- AIINEX 2021 | GOLD
  - BEST AWARD INFOGRAPHIC POSTER

Pencapaian Inovasi

IBRAHIM BIN BURHAN

- Respex2021 | GOLD
- PERISA 2021 | SILVER
- Virtual Melaka International Intellectual Exposition (V-MIIEX 2021) | BRONZE
- 4th International Malaysia-Indonesia-Thailand Symposium on Innovation & Creativity 2021 | SILVER
- AIINEX 2021 | GOLD
  - BEST AWARD INFOGRAPHIC POSTER

AISHAH BINTI SAIM

- Respex2021 | GOLD
- PERISA 2021 | SILVER
- Virtual Melaka International Intellectual Exposition (V-MIIEX 2021) | BRONZE
- 4th International Malaysia-Indonesia-Thailand Symposium on Innovation & Creativity 2021 | SILVER
- AIINEX 2021 | GOLD
  - BEST AWARD INFOGRAPHIC POSTER

ROSMAWATI BINTI OTHMAN

- Respex2021 | GOLD
- PERISA 2021 | SILVER
- Virtual Melaka International Intellectual Exposition (V-MIIEX 2021) | BRONZE
- 4th International Malaysia-Indonesia-Thailand Symposium on Innovation & Creativity 2021 | SILVER
- AIINEX 2021 | GOLD
  - BEST AWARD INFOGRAPHIC POSTER

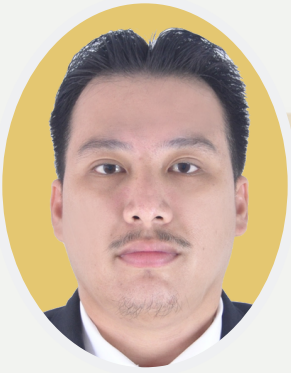
Pencapaian Inovasi

MOHD ASWAD BIN OTHMAN

- Innovative Research Invention & Application Exhibition 2021 (I-RIA 2021) | SILVER
- AIINEX 2021 | SILVER

S.THIVVIYAH A/P SANMUGAM

- MALAYSIAN YOUTH UPCYCLE CHALLENGE 2020/21 | MYYUC INSPIRING PIONEER AWARD
- I-THINK GREENWASTE TO USAGE NATIONAL ONLINE INNOVATION COMPETITION | GOLD
- YOUTH INTERNATIONAL SCIENCE FAIR (YISF) | GOLD, IYSA SPECIAL AWARD



TEOH THEIN HIN

- International Innovation ARSVOT Malaysia (IAM2021) | BRONZE

MOHD HAZWAN BIN MOHAMED NORLI

- Penang International Invention, Innovation & Design 2021 (PIID2021) | SILVER

Pencapaian Inovasi

MURNI BINTI JAINAF@JAMINGON

- International Innovation ARSVOT Malaysia (IAM2021) | SILVER
- Anugerah SULAM 2021 | GOLD

MOHAMMAD SAHRUL FADZLIN BIN MOHD IZAHARUDDIN

- AIINEX 2021 | SILVER

MOHD NASIRUDDIN BIN HUSHIM

- AIINEX 2021 | SILVER

MOHD ZULFAZLI BIN RAUB KHAN

- AIINEX 2021 | SILVER

Pencapaian Inovasi

MOHAMMAD AZMIN BIN ZAINAL

- AIINEX 2021 | GOLD
  - GRAND AWARD
    ONLINE PROJECT PRESENTATION

MOHAMAD FIRDAUS BIN SAHARUDIN

- AIINEX 2021 | GOLD
  - GRAND AWARD
    ONLINE PROJECT PRESENTATION

ROSEDHILA BINTI RAMLI

- AIINEX 2021 | SILVER
  - Readers Insight Special Awards

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2. DEVELOPMENT OF AUTONOMOUS FOLLOW-ME ROBOT, ROBOT TOOL CART VERSION 2 FOR EDUCATION
   UTHM PROCEEDING: VOL. 2 NO. 3 (2021)P. 182-185

Norisza Dalila Ismail

1. DEVELOPMENT OF FLIGHT SIMULATOR CONTROL TRAINER (FSCT) FOR AVIATION EDUCATION
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2. DEVELOPMENT OF VIRTUAL REALITY SIMULATOR, TEVS FOR TURBINE EDUCATION
   UTHM PROCEEDING: VOL. 2 NO. 3 (2021) P. 036-047

Mohd Aswad Othman

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2. SMART STEP LADDER
   UTHM PROCEEDING: VOL. 2 NO. 3 (2021) P. 154-158

Dr. Hartiny Abd Kahar

A320 WING TRAINING KIT
UTHM PROCEEDING: VOL. 2 NO. 3 (2021) P. 212-219

Mohd Khairun Nizam Sa'adan

DYNAMIC MOTION LUGGAGE
UTHM PROCEEDING: VOL. 2 NO. 3 (2021) P. 060-063

Muhamad Sani Buang

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INTERNATIONAL CONFERENCE ON RESEARCH IN ENGINEERING AND SOCIAL SCIENCE 2021 - IRES2

Aishah Saim
Azlizul Suli

INTERNATIONAL INNOVATION ARSVOT MALAYSIA (IAM2021)

Aishah Saim

1ST INTERNATIONAL SEMINAR ON AERONAUTICS & ENERGY (ISAE 2021)

Norisza Dalila Ismail

2ND MALAYSIAN ASSOCIATION OF APPLIED LINGUISTICS INTERNATIONAL CONFERENCE (MAALIC 2021)

Santhy Subarau

ANTARABANGSA

2ND INTERNATIONAL PROFESSIONAL DOCTORATE AND POSTGRADUATE SYMPOSIUM 2021 (IPDOCS'21) UNIVERSITI TEKNOLOGI MALAYSIA, 25 SEPT 2021

Nur Raihana Sukri

10TH INTERNATIONAL CONFERENCE IN APPLIED SCIENCE AND TECHNOLOGY (ICAST2021)

Muhamad Farouk Abdul Rashid

7TH INTERNATIONAL EXCHANGE AND INNOVATION CONFERENCE ON ENGINEERING & SCIENCES (IEICES 2021) HELD ON 21 ST -22 ND OCTOBER 2021 AT KYUSHU UNIVERSITY, FUKUOKA, JAPAN

Mohd Hazwan Mohamed Norli

KEBANGSAAN

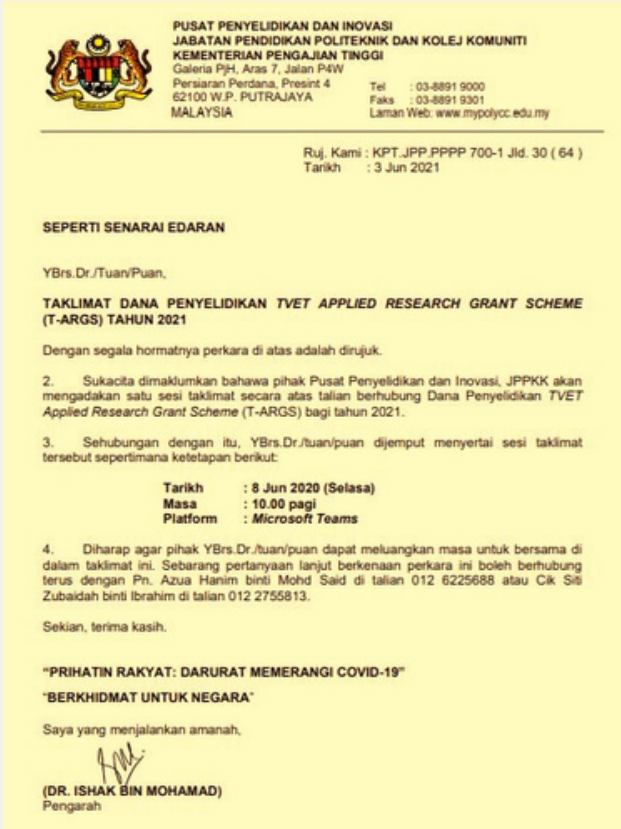
GRADUATE RESEARCH EXHIBITION (GREX 2021) EKSPLORASI E-JERAI, KOLOKIUM KAJIAN TINDAKAN

S. Thivviyah Sanmugam

SMART ADJUSTABLE HEADREST FOR TOTAL BODY INVOLVEMENT CEREBRAL PALSY CHILDREN

T-ARGS

RM74 500



PUSAT PENYELIDIKAN DAN INOVASI
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENGAJIAN TINGGI
Galeria PJH, Aras 7, Jalan P4W
Persiaran Perdana, Presint 4
62100 W.P. PUTRAJAYA
MALAYSIA

Tel : 03-8891 9000
Faks : 03-8891 9301
Laman Web: www.mypolycc.edu.my

Ruj. Kami : KPT.JPP.PPPP 700-1 Jld. 30 (64)
Tarikh : 3 Jun 2021

SEPERTI SENARAI EDARAN

YBrs.Dr./Tuan/Puan,

TAKLIMAT DANA PENYELIDIKAN *TVET APPLIED RESEARCH GRANT SCHEME* (T-ARGS) TAHUN 2021

Dengan segala hormatnya perkara di atas adalah dirujuk.

2. Sukacita dimaklumkan bahawa pihak Pusat Penyelidikan dan Inovasi, JPPKK akan mengadakan satu sesi taklimat secara atas talian berhubung Dana Penyelidikan *TVET Applied Research Grant Scheme* (T-ARGS) bagi tahun 2021.

3. Sehubungan dengan itu, YBrs.Dr./tuan/puan dijemput menyertai sesi taklimat tersebut sepertimana ketetapan berikut:

Tarikh : 8 Jun 2020 (Selasa)
Masa : 10.00 pagi
Platform : *Microsoft Teams*

4. Diharap agar pihak YBrs.Dr./tuan/puan dapat meluangkan masa untuk bersama di dalam taklimat ini. Sebarang pertanyaan lanjut berkenaan perkara ini boleh berhubung terus dengan Pn. Azua Hanim binti Mohd Said di talian 012 6225688 atau Cik Siti Zubaidah binti Ibrahim di talian 012 2755813.

Sekian, terima kasih.

"PRIHATIN RAKYAT: DARURAT MEMERANGI COVID-19"

"BERKHIDMAT UNTUK NEGARA"

Saya yang menjalankan amanah,

(DR. ISHAK BIN MOHAMAD)
Pengarah

Mohd Hazwan Bin Mohamed Norli

Asiah Binti Yunos

Mohd Sapuwan Bin Abu Bakar

Memori Kejayaan Staf

Memori Kejayaan Staf

Kenaikan Gred dan Sambung belajar

Memori Kejayaan Staf

Anugerah Perkhidmatan Cemerlang 2021

KECEMERLANGAN PELAJAR

I-RIA 2021 WINNERS

CATEGORY: INSTITUTE OF HIGHER LEARNING

	PROJECT ID	PROJECT TITLE	LEADER	ORGANIZATION	DOMAIN
GOLD	H-73088	SMART STEP LADDER	MUHAMMAD NABIL NAJMI BIN YUSJAH	POLITEKNIK BANTING SELANGOR	INTERNET OF THINGS
SILVER	H-60444	DYNAMIC MOTION LUGGAGE	ANDREW A/L STEAVEN	POLYTECHNIC BANTING SELANGOR	INTERNET OF THINGS
	H-84074	ROBOT TOOL CART VERSION 2 (RTCV2)	HARITH ISKANDAR BIN MISNADI	POLITEKNIK BANTING SELANGOR	SMART DEVICES DESIGN
	H-33678	AGRICULTURE 2 IN 1 ASSISTING MACHINE	MOHAMAD NURUL AFIQ BIN YUNUS	POLITEKNIK BANTING SELANGOR	OTHER TOPICS IN SCIENCE AND TECHNOLOGY
	H-92832	A320 WING TRAINING KIT	MOHD KHAIRUN NIZAM BIN SA'ADAN	POLITEKNIK BANTING SELANGOR	TECHNOLOGY IN EDUCATION
	H-13332	FLIGHT SIMULATOR CONTROL TRAINER	M. ASWAD BIN OTHMAN	POLITEKNIK BANTING SELANGOR	TECHNOLOGY IN EDUCATION
BRONZE	H-58812	TURBINE ENGINE VIRTUAL SIMULATOR	MUHAMMAD AFIFUDDIN BIN SALEHUDIN	POLITEKNIK BANTING SELANGOR	TECHNOLOGY IN EDUCATION

PBS berjaya merangkul **1 Emas, 5 Perak dan 2 Gangsa** dalam Innovative Research, Invention and Application Exhibition (I-RIA 2021) yang berlangsung pada 5 Julai 2021 anjuran Universiti Utara Malaysia.

Syabas dan Tahniah diucapkan kepada Ketua Kumpulan berikut yang terdiri daripada Pensyarah dan Pelajar PBS:

1)Muhammad Nabil Najmi Bin Yusjah (Emas)

2)Andrew A/L Steaven (Perak)

3)Harith Iskandar Bin Misnadi (Perak)

4)Mohamad Nurul Afiq Bin Yunus (Perak)

5)Mohd Khairun Nizam Bin Sa'adan (Perak)

6)M. Aswad Bin Othman (Perak)

7)Muhammad Afifuddin Bin Salehudin (Gangsa)

POLITEKNIK MALAYSIA BANTING
PENCAPAIAN / KECEMERLANGAN / PENGIKTIRAFAN
PELAJAR
eSULAM INNOVATE 2021
POLITEKNIK MALAYSIA BANTING
Mugilan a/l Maran
Ahmad Danial bin Jefree Sham
Muhammad Amirul Abbas bin Abdul Kafoor
Muhammad Nabil Najmi bin Yusjah
Pertandingan eSULAM Innovate 2021
Membangunkan platform media baharu bagi mempromosikan Istana Bandar, Banting sebagai tarikan pelancong
PENSYARAH KURSUS
Norisza Dalila binti Ismail
22 JUNE 2021
Anjuran KPT dan Universiti Malaya

eSULAM INNOVATE 2021
POLITEKNIK MALAYSIA
SMART TEMPE BOILER POT BAGI MENINGKATKAN PENGELUARAN TEMPE DI KAMPUNG SAWAH, BANTING SELANGOR
Dempo Latifah Shakirah binti Mohamed Shahrir@Hamizan (Ketua Kumpulan)
Ilyas Muhammad bin Edee Salman (Ahli Kumpulan 1)
Nur Syahirah binti Mohd Nor (Ahli Kumpulan 2)
Pensyarah Kursus
En Muhamad Sani bin Buang

POLITEKNIK MALAYSIA
KEMENTERIAN PENGAJIAN TINGGI
KOLEJ KOMUNITI MALAYSIA
Tahniah
5 pasukan projek e-SULAM dari Politeknik Malaysia telah berjaya ke Pertandingan Akhir e-SULAM Innovate 2021 (Kategori 1: Projek e-SULAM) anjuran Kementerian Pengajian Tinggi dan Universiti Malaya
e-SULAM INNOVATE 2021
e-SULAM IDEATION, INVENTION, AND INNOVATION CHALLENGE
POLITEKNIK UNGKU OMAR: Aplikasi 'Android Application Package' (APK)
POLITEKNIK PORT DICKSON: Mesin Sanitasi
POLITEKNIK PORT DICKSON: Penyelidikan Lukisan Terukur Dan Dilapidasi Masjid Lama Kuala Serdang Kuala Pilah, Negeri Sembilan
POLITEKNIK BANTING: Membangunkan Platform Media Baharu Bagi Mempromosikan Istana Bandar, Banting Sebagai Tarikan Pelancong (Learning Express)
POLITEKNIK BANTING: Smart Tempe Boiler Port Bagi Meningkatkan Pengeluaran Tempe Di Kampung Sawah, Banting, Selangor (Learning Express)
politeknikmalaysia kolejkomunitiHQ
politeknikmalaysia kolejkomunitiHQ
politeknikkolejkomuniti

PolyCC Cyber Athlete Challenge (CAC21)

Cyber Athlete Challenge 2021 (CAC 21)

- **Tempat ketiga** PUBG Mobile

PUBG MOBILE	
RANK	TEAM NAME
1st	POLYCATS [POLITEKNIK KUCHING SARAWAK]
2nd	WHITE RABBIT ESPORT [POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH]
3rd	TEAM ELIMINATED [POLITEKNIK BANTING SELANGOR]

Program Penjana-KPT CAP (Career Advancement program)

Latihan Kemahiran Tinggi Kompetensi Kimpalan 3G SMAW dan Pemeriksa Kimpalan Visual dengan Persijilan diiktiraf antarabangsa dan industri CSWIP di TWI Shah Alam, Selangor pada 6hb hingga 12hb September 2021.

- CSWIP Approved Welder 3G SMAW, Level 2
- CSWIP 3.0 Visual Welding Inspector, Level 1

RM500
CERTIFICATE OF AWARD
1ST PLACE
Proudly presented to
NORISZA DALILA BINTI ISMAIL(SUPERVISOR)
MOHAMMAD NAJMI BIN HAMBALI,
SHANEN JANE ANAK ERIC DANIEL,
NUR ELIANA BINTI MD ZAHIRUL ISLAM RAZA
Project entitled
AERO-SAT
For the successful achievement in
AEROMECH'21

RM375
CERTIFICATE OF AWARD
2ND PLACE
Proudly presented to
MOHD KHAIRUN NIZAM BIN SA'ADAN (SUPERVISOR)
IZHAR AZREQ ABU BAKAR,
GARY SIGAR J GUKANG,
MAHAVISHNU A/L VENUGOPAL,
THINAGARAN A/L GHANESON
Project entitled
A320 WING TRAINING KIT
For the successful achievement in
AEROMECH'21

RM250
CERTIFICATE OF AWARD
3RD PLACE
Proudly presented to
NORISZA DALILA BINTI ISMAIL (SUPERVISOR)
HARITH ISKANDAR BIN MISNADI,
MUHAMMAD AKMAL BIN MAT JOHAN,
MUHAMAD HILMI BIN MUCHTAR,
MUHAMMAD HAIQAL BIN NOOR AZRI
Project entitled
ROBOTIC TOOL CART VERSION 2
For the successful achievement in
AEROMECH'21

Peringkat Antarabangsa

International Innovation ARSVOT Malaysia (IAM2021)

Bil.	Nama	No.Pendaftaran	Kelas	Nama Projek	Award
1.	Surayatul Husna Binti Abdullah	24DAM18F1076	DAM6D	3D Turboshaft Cross Section Model (3D TSCS)	Silver
2.	Aliff Aiman Bin Suzanizam	24DAM18F1074			
3.	Dempo Latifah Shakirah Binti Mohamed Shahrir@Hamizan	24DAM18F1084			
4.	Loh Zheng Xing	24DAM18F1044	DAM6B	Smart Overhead Compartment	Gold
5.	Wan Nuraliah Ilyana Binti Meor Yuzaimy	24DAM18F1043			
6.	Lawrence Anak Belingan	24DAM18F1049			
7.	Alif Mikhail Iskandar Bin Ahmad Asha'ari	24DAM18F1010	DAM6A	Semi Autonomous Trolley Cart	Bronze
8.	Muhammad Syahrul Izwan Bin Shamsul Azhar	24DAM18F1004			
9.	Indiran A/L Maniran	24DAM18F1016			
10.	Yaalinthirann A/L Kumaran	24DAM18F1011			
11.	Shanen Jane Anak Eric Daniel	24DAM18F2017	DAM5A	Aero-Sat	Gold
12.	Nur Eliana Binti Md Zahirul Islam	24DAM18F2019			
13.	Mohammad Najmi Bin Hambali	24DAM18F2011			

Peringkat Antarabangsa

Kejayaan Alumni

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Penasihat II

En. Saharuddin bin Talib

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Pn. Normurni binti Mohamad

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Kecemerlangan PBS 2021