



KEMENTERIAN PENGAJIAN TINGGI
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI

CENTRE OF TECHNOLOGY (COT) & INDUSTRY ON CAMPUS (IOC)



COT & IOC

not just to improve skill levels, but to match people with the right skills with the right jobs

- established specially for **Politeknik Malaysia**

Politeknik METrO & Kolej Komuniti Malaysia

established specially for •



CENTRE OF TECHNOLOGY (COT)

“Reference centers in niche areas that benefit and well-being to the community and industry through expert services, collaboration and research & innovation development.”

-COT 2020 EDITION-

MISSION

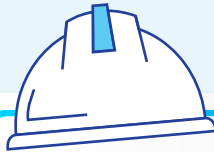
Encourage excellence in niche areas through collaboration, research and innovation as well as expert service.

VISION

To become a Centre Of Technology recognized by domestic and foreign community and industry.



INDUSTRY ON CAMPUS (IOC)



IOC is an Initiative to bring the real industry environment into Teaching and Learning (PdP) process

IOC is a student-centered collaboration using a learning approach from real industry, whether operating within an institution, or in an industry or in another rental premises.





2 STAR RATING CENTRE OF TECHNOLOGY (COT)

POLITEKNIK UNGKU OMAR



Centre of Technology
in Marine Engineering
(CTME)

Niche areas

Marine Engineering

POLITEKNIK UNGKU OMAR



Centre of Air-Conditioning
and Refrigeration
(CARE)

Niche areas

Air-conditioning
& Refrigeration

POLITEKNIK IBRAHIM SULTAN



Centre Design Centre
(CDeC)

Niche areas

Creative Design



2 STAR RATING CENTRE OF TECHNOLOGY (COT)

POLITEKNIK
SULTAN SALAHUDDIN
ABDUL AZIZ SHAH



Centre For Medical
Electronic Technology
(CMET)

Niche areas

Medical Electronic

POLITEKNIK SULTAN
AZLAN SHAH



Centre of Automotive
and Manufacturing
Technology (POLCAM)

Niche areas

Automotive &
Manufacturing

POLITEKNIK SULTAN
HAJI AHMAD SHAH



Centre For Food Science
and Technology
(CFoST)

Niche areas

Food Technology



2 STAR RATING CENTRE OF TECHNOLOGY (COT)

POLITEKNIK SULTAN
ABDUL HALIM MUADZAM
SHAH



Centre of Town &
Regional Planning
(CToP)

Niche areas

Town and Regional
Planning

POLITEKNIK PORT DICKSON



Centre of Architectural
Technology
(CArT)

Niche areas

Architecture

POLITEKNIK TUANKU
SULTANAH BAHYAH



Mechatronic Robotic
Technology Centre
(MRTC)

Niche areas

Mechatronic & Robotic



2 STAR RATING CENTRE OF TECHNOLOGY (COT)

POLITEKNIK MERLIMAU



Centre of Town &
Regional Planning (CeTraH)

Niche areas

Tourism & Hospitality

POLITEKNIK SULTAN
IDRIS SHAH



Centre of Architectural
Technology (CENTA)

Niche areas

Environmental
Technology

POLITEKNIK SULTAN
MIZAN ZAINAL ABIDIN



Mechatronic Robotic
Technology Centre (ATeC)

Niche areas

Automotive Engineering



1 STAR RATING CENTRE OF TECHNOLOGY (COT)

**POLITEKNIK KOTA
BHARU**

Centre For Medical
Electronic Technology
(CQS)

Niche areas

Quantity Surveying

**POLITEKNIK KUCHING
SARAWAK**

Centre of Technology
For Process Engineering
(POLCPRO)

Niche areas

Process Engineering

**POLITEKNIK MERSING
JOHOR**

Cyber Range Academy
(CRA)

Niche areas

Cyber Security



1 STAR RATING CENTRE OF TECHNOLOGY (COT)

POLITEKNIK
SEBERANG PRAI

Centre of Technology
Logistic
(C@Logs)

Niche areas

Logistic

POLITEKNIK
MELAKA

Centre Of Building
Technology
(COBTech)

Niche areas

Construction
Technology

POLIMAS

Centre For Mechanical
Engineering Plastic
(CMeP)

Niche areas

Mechanical Engineering
Plastic



1 STAR RATING CENTRE OF TECHNOLOGY (COT)

POLITEKNIK TUANKU
SYED SIRAJUDDIN

Media Creative Centre
(MCC)

Niche areas

Media Creative

POLITEKNIK KUALA
TERENGGANU

Digital Technology
Center (DTechC)

Niche areas

Digital Technology



INDUSTRY ON CAMPUS

PIONEER INSTITUTION

POLITEKNIK METrO TASEK GELUGOR
Video and Filming



POLITEKNIK METrO JOHOR BAHRU
Entrepreneurship



KOLEJ KOMUNITI BALING
Fashion



KOLEJ KOMUNITI SUNGAI PETANI
Hospitality and Culinary



KOLEJ KOMUNITI SELAYANG
Games Art



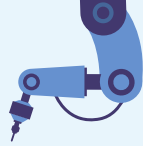
KOLEJ KOMUNITI KEPALA BATAS
Hybrid & Electric Vehicle Technology
Centre



CENTRE OF TECHNOLOGY IN MARINE ENGINEERING (CTME)

POLITEKNIK UNGKU OMAR

CENTRE OF TECHNOLOGY IN MARINE ENGINEERING (CTME) POLITEKNIK UNGKU OMAR

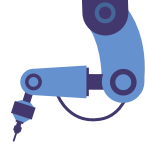


Marine Engineering is the discipline of applying engineering sciences, including mechanical engineering, electrical engineering, electronic engineering and computer science to the development, design, operation and maintenance of watercraft propulsion and on-board systems and oceanographic technology. Therefore, CTME

focuses on its vision and mission to be the leading centre of technology in Marine Engineering towards the development of research, innovation and competency training.

CTME has planned and implemented various activities aimed at human capital development in this field to ensure it becomes the choice of reference for external shipping agencies; both of government and private sector.





LIST OF OFFERED SERVICE

1 Research Consultancy

Multifuel Engine Testing,
Marine Environmental
Ergonomics





LIST OF OFFERED SERVICE

2 Training Services & Programmes

2. TRAINING OF TRAINER MARINE ENGINEERING WORKSHOP

1. DIPLOMA IN MARINE ENGINEERING

3. ENGINEERING OFFICER < 750 kW DOMESTIC & NEAR COASTAL TRADE VOYAGE (EO)

4. BRIDGING ELECTRO-TECHNICAL OFFICER COURSE (BETO)

PROGRAM & LATIHAN DI CTME

CTME
CENTRE OF TECHNOLOGY IN MARINE ENGINEERING



LIST OF OFFERED SERVICE

2 Training Services & Programmes

BOILERMAN

OBJECTIVES

This programme is to create a career path for boiler operators and technicians to obtain the boiler technician for preparation to meet Boilerman Grade 1 and Boilerman Grade 2 by Department of Safety and Health (DOSH). Participants will be required to have the theory and practical knowledge of boiler operation & maintenance. By attending this course, the participants can benefit in industries of coal, electricity, domestic water supply, and other related fields and will be more confident in their work environment.

BRIDGING ELECTRO-TECHNICAL OFFICERS COURSE (B-ETO)

AIM

The aim of the course is to provide the candidate with the knowledge, understanding and skills to perform the duties of an Electrical Officer on board a ship.

OBJECTIVES

The candidate should be able to:

- Apply the knowledge and skills to perform the duties of an Electrical Officer on board a ship.
- Apply the knowledge and skills to perform the duties of an Electrical Officer on board a ship.

ENGINE RESOURCE MANAGEMENT

AIM

The course is intended to provide a person with the knowledge, understanding and skills to perform the duties of an Engine Resource Manager on board a ship.

OBJECTIVES

This course is intended to provide a person with the knowledge, understanding and skills to perform the duties of an Engine Resource Manager on board a ship.

PNEUMATICS & ELECTRO-PNEUMATIC Training Program

COURSE DETAILS

LEVEL	1
UNIT	1
MODULES	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.24, 1.25, 1.26, 1.27, 1.28, 1.29, 1.30, 1.31, 1.32, 1.33, 1.34, 1.35, 1.36, 1.37, 1.38, 1.39, 1.40, 1.41, 1.42, 1.43, 1.44, 1.45, 1.46, 1.47, 1.48, 1.49, 1.50, 1.51, 1.52, 1.53, 1.54, 1.55, 1.56, 1.57, 1.58, 1.59, 1.60, 1.61, 1.62, 1.63, 1.64, 1.65, 1.66, 1.67, 1.68, 1.69, 1.70, 1.71, 1.72, 1.73, 1.74, 1.75, 1.76, 1.77, 1.78, 1.79, 1.80, 1.81, 1.82, 1.83, 1.84, 1.85, 1.86, 1.87, 1.88, 1.89, 1.90, 1.91, 1.92, 1.93, 1.94, 1.95, 1.96, 1.97, 1.98, 1.99, 2.00, 2.01, 2.02, 2.03, 2.04, 2.05, 2.06, 2.07, 2.08, 2.09, 2.10, 2.11, 2.12, 2.13, 2.14, 2.15, 2.16, 2.17, 2.18, 2.19, 2.20, 2.21, 2.22, 2.23, 2.24, 2.25, 2.26, 2.27, 2.28, 2.29, 2.30, 2.31, 2.32, 2.33, 2.34, 2.35, 2.36, 2.37, 2.38, 2.39, 2.40, 2.41, 2.42, 2.43, 2.44, 2.45, 2.46, 2.47, 2.48, 2.49, 2.50, 2.51, 2.52, 2.53, 2.54, 2.55, 2.56, 2.57, 2.58, 2.59, 2.60, 2.61, 2.62, 2.63, 2.64, 2.65, 2.66, 2.67, 2.68, 2.69, 2.70, 2.71, 2.72, 2.73, 2.74, 2.75, 2.76, 2.77, 2.78, 2.79, 2.80, 2.81, 2.82, 2.83, 2.84, 2.85, 2.86, 2.87, 2.88, 2.89, 2.90, 2.91, 2.92, 2.93, 2.94, 2.95, 2.96, 2.97, 2.98, 2.99, 3.00, 3.01, 3.02, 3.03, 3.04, 3.05, 3.06, 3.07, 3.08, 3.09, 3.10, 3.11, 3.12, 3.13, 3.14, 3.15, 3.16, 3.17, 3.18, 3.19, 3.20, 3.21, 3.22, 3.23, 3.24, 3.25, 3.26, 3.27, 3.28, 3.29, 3.30, 3.31, 3.32, 3.33, 3.34, 3.35, 3.36, 3.37, 3.38, 3.39, 3.40, 3.41, 3.42, 3.43, 3.44, 3.45, 3.46, 3.47, 3.48, 3.49, 3.50, 3.51, 3.52, 3.53, 3.54, 3.55, 3.56, 3.57, 3.58, 3.59, 3.60, 3.61, 3.62, 3.63, 3.64, 3.65, 3.66, 3.67, 3.68, 3.69, 3.70, 3.71, 3.72, 3.73, 3.74, 3.75, 3.76, 3.77, 3.78, 3.79, 3.80, 3.81, 3.82, 3.83, 3.84, 3.85, 3.86, 3.87, 3.88, 3.89, 3.90, 3.91, 3.92, 3.93, 3.94, 3.95, 3.96, 3.97, 3.98, 3.99, 4.00, 4.01, 4.02, 4.03, 4.04, 4.05, 4.06, 4.07, 4.08, 4.09, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.29, 4.30, 4.31, 4.32, 4.33, 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**AWARDS AND
RECOGNITION**





AWARDS AND RECOGNITION



Pengiktirafan Program





**AWARDS AND
RECOGNITION**



**Pengiktirafan
oleh Agensi
Penguatkuasaan
Maritim
Malaysia
(APMM)**





**AWARDS AND
RECOGNITION**



Pengiktirafan oleh Royal Institute of Naval Architecture, RINA and Institute of Marine Engineering, Science & Technology, IMAREST.





**AWARDS AND
RECOGNITION**



Pengiktirafan sebagai Pusat Latihan Maritim pertama di Malaysia mendapat kelulusan melaksanakan "mock oral" secara atas talian bagi program yang ditawarkan.



FACILITIES





**FACILITY
EQUIPMENT**



**PURIFIER
FRESHWATER GENERATOR
OILY WATER SEPARATOR**



2-CYCLE MARINE DIESEL ENGINE



**POWER GENERATOR
ENGINE**





**FACILITY
EQUIPMENT**

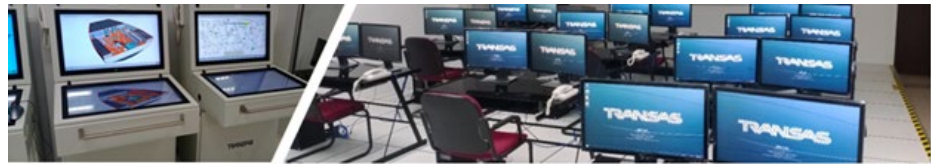


**MARINE REFRIGERATOR &
COLD ROOM**



MARINE FIRE TUBE BOILER

RECOGNISED BY:



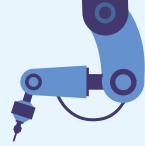
ENGINE ROOM SIMULATOR






**COLLABORATION
PARTNERSHIP**






CONTACT PERSON

Ts ZAKIMAN BIN ZALI

 017-4710674

 03-5457656 ext. 1188

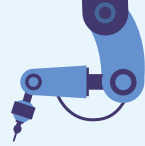
 zakizali@puo.edu.my



CENTRE OF AIR-CONDITIONING & REFRIGERATION (CARE)

POLITEKNIK UNGKU OMAR

CENTRE OF AIR-CONDITIONING & REFRIGERATION (CARE) POLITEKNIK UNGKU OMAR



CARe serves as a hub for reference, research and innovation as well as a nexus for national and international collaboration specialized in air-conditioning and refrigeration.

CARe's vision is to be a Centre of Technology (CoT) recognized by the community and industry in the niche areas at home and abroad.

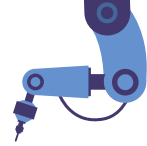


CARe Manager and staff with Mr Lee Wee Pin, Director of PRIHODA Malaysia SDN. BHD.

CARe also has a mission to promote excellence in niche areas through expert service, research and innovation, as well as teaching and learning, which are air-conditioning and refrigeration.

In addition, CARe's strengths is in the Research and Innovation, which it has successfully obtained research grants from the industry worth RM132,500.00

Among the scopes of research conducted are District Cooling, Steam Absorption Chiller and Cogeneration Plant. In addition, CARe is a reference expert for the industry in the field of research involved. In fact, the Department of Environment (DOE) appointed CARe as the accreditation centre for Certificate in Service Technician Program (CSTP).



LIST OF OFFERED SERVICE

1 Research Consultancy

In District Cooling, Steam Absorption Chiller and Cogeneration Plant

Feasibility Study of Turbine Inlet Air Cooling using Mechanical Chillers in Malaysia Climate

2017 AEDCEE, 25-26 May 2017, Bangkok, Thailand



Turbine Inlet Air Cooling for Industrial and Aero-derivative Gas Turbine in Malaysia Climate
 EIZE 2017, Shanghai China



EISE 2017
 IOP Conf. Series: Earth and Environmental Science **104** (2017) 1-5
 doi:10.1088/1755-1315/104/1/012013

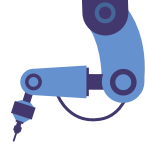
Turbine Inlet Air Cooling for Industrial and Aero-derivative Gas Turbine in Malaysia Climate

A Nordin^{1,*}, D A Salim², M A Othman², S N Omar Kamal², Danny Tam³ and MY Yusef⁴

¹Mechanical Engineering Department, Politeknik Ungku Omar, Ipoh, Malaysia
²Shayyar (Malaysia) Sdn Bhd, Kuala Lumpur, Malaysia

Corresponding authors: 'adnordin@puo.edu.my', 'dals@puo.edu.my', 'tamnyraf@puo.edu.my', 'inohad@puo.edu.my', 'dannytam@shayyar.com.my', 'kamsani.yusef@shayyar.com.my'

Abstract. The performance of a gas turbine is dependent on the ambient temperature. A higher temperature results in a reduction of the gas turbine's power output and an increase in fuel use. The warm and humid climate in Malaysia with its high ambient air temperature has an adverse effect on the performance of gas turbine generators. In this paper, the expected effect of turbine inlet air cooling technology on the annual performance of an aero-derivative gas turbine (ADGT) is compared against that of an industrial gas turbine (IGT) using GT3 software. This study investigated the annual net energy output and the annual net electrical efficiency of a plant with and without turbine inlet air cooling technology. The results show that the aero-derivative gas turbine responds more favorably to turbine inlet air cooling technology, thereby yielding higher annual net energy output and higher net electrical efficiency when compared to the industrial gas turbine.

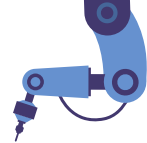


LIST OF OFFERED SERVICE

2 Training Services

Certificate in Service
Technician Programme





**AWARDS AND
RECOGNITION**

Pengiktirafan CoT CARE PUO 2020





AWARDS AND RECOGNITION

PENGIKTIRAFAN PUSAT PERTAULIAHAN (ATC) (29 SEPTEMBER 2016)



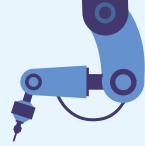
DENGAN USAHA SAMA:






TROUBLESHOOT VRV AIR-CONDITIONING SYSTEM AT POLITEKNIK BANTING






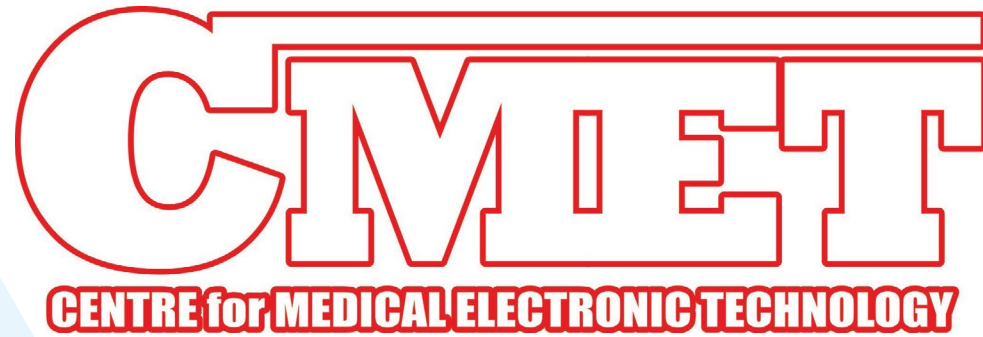
CONTACT PERSON

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 03-5457656 ext. 1188

 adzuieen@puo.edu.my



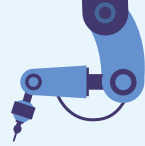
CMEET

CENTRE for MEDICAL ELECTRONIC TECHNOLOGY

CENTRE FOR MEDICAL ELECTRONIC TECHNOLOGY

POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH

CENTRE FOR MEDICAL ELECTRONIC TECHNOLOGY POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH



Medical electronic is a branch of electronics that deals with devices, instrument, apparatuses, equipment and system of medical application such as research, examination, diagnosis, care and treatment.

CMET serves as a hub for reference, research and innovation as well as a nexus for national and international collaboration specialized in medical electronics.

CMET was recognized as the first ISO/IEC 17025 accredited with biomedical calibration laboratory in Southeast Asia in 2014.

CMET has adeptly pioneered selected areas of medical electronics by providing calibration services, training, research and development of medical devices, as well as collaborating and forming smart partnership with over 150 universities, industries, public and private agencies local and abroad.





LIST OF OFFERED SERVICE

1 Calibration Capabilities

- ✓ Patient Simulator
- ✓ Non-Invasive Blood
- ✓ Pressure Simulator
- ✓ Defibrillator Analyzer
- ✓ Electrosurgical Analyzer
- ✓ Electrical Safety Analyzer
- ✓ Syringe Pump
- ✓ Infusion Pump Analyzer
- ✓ Digital Pressure Meter

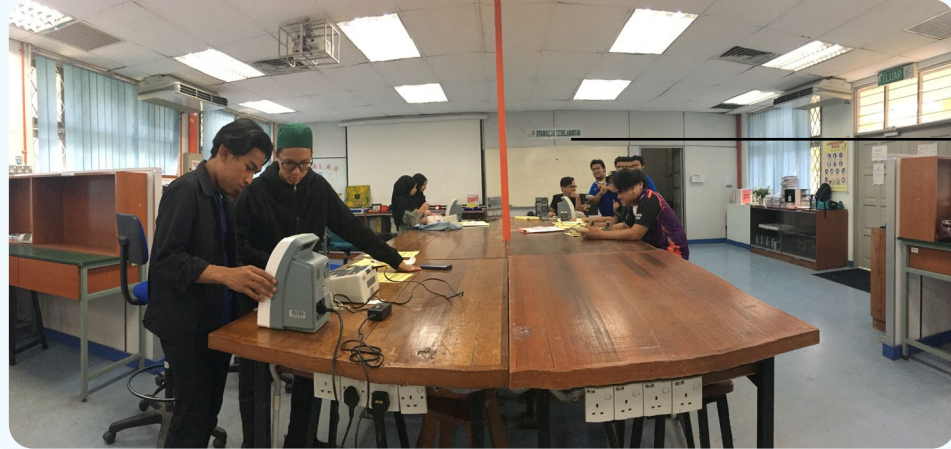




LIST OF OFFERED SERVICE

2 Training Services

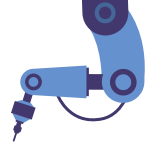
- ✓ Biomedical Equipment Maintenance Competency
- ✓ Electrical Safety Test
- ✓ MS ISO/IEC 17025
- ✓ Measurement Uncertainty Estimation
- ✓ Risk Management
- ✓ Customer Demand



Biomedical
Equipment
Competency
Training



Biomedical
Equipment
Training Module
Development
Workshop



AWARDS AND RECOGNITION

1

1st MS ISO/IEC
17025:2005 Accredited
Biomedical Calibration
Laboratory in Malaysia



2

Recognized as a
Centre of Technology
after fulfilling 7 KPI
requirements.

3

Penetrated
international market for
calibration services:

- ✓ Philippines
- ✓ Singapore
- ✓ Iran
- ✓ Indonesia
- ✓ Bahrain
- ✓ Brunei

4

MS ISO/IEC 17025:2005
recertification with
nine (9) scopes of
accreditation

5

Generated income
from calibration and
maintenance services
more than RM1 Million
from 1059 services for
150 companies.



AWARDS AND RECOGNITION

6

Won 4 out of 7 awards at COT Appreciation Conference.

7

10 staffs obtain professional certification

8

Benchmarking visits by local and international institutions and companies.

9

Local and International collaborations.

10

RM1,003,128 R&D Grant secured

11

60 training programs conducted for local and international participants.

CENTRE FOR MEDICAL ELECTRONIC TECHNOLOGY POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH



Majlis
Apresiasi
COT



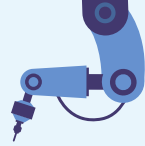
Visitors
from
Sazmed
CAE
Trading



Planned
Preventive
Maintenance
(PPM) at
Klinik UiTM





Management
Review
Meeting
2021



CONTACT PERSON

ZARINA BINTI CHE AMIN

 019-2219815

 03-51634000 ext. 1299

 cazarina@psa.edu.my

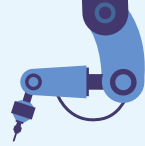


CREATIVE
DESIGN
CENTRE

CREATIVE DESIGN CENTRE (CDeC)

POLITEKNIK IBRAHIM SULTAN

CREATIVE DESIGN CENTRE (CDeC) POLITEKNIK IBRAHIM SULTAN



Creative Design Center (CDeC), is one of the Polytechnic Centres of Excellence which niche area is Creative Design.

Our vision is to be the world class Centre of Excellence in Creative Design.



2009

Established early in line with the award of the Premier Polytechnic to this institution, we were known as Centre of Technology of Politeknik Johor Bahru

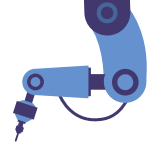
2010

YAB Tan Sri Muhyiddin bin Yassin, launched the Polytechnic Transformation Plan which aims to build new polytechnic efforts in developing human resources to meet the needs of innovative and creative innovative New Economic Model

2011

Polytechnic officially adopted the name Politeknik Ibrahim Sultan after receiving the consent of Duli Yang Amat Mulia His Majesty, Sultan Ibrahim Ibni Almarhum Sultan Iskandar. With this award also, the Center of Technology (COT), Politeknik Ibrahim Sultan was converted to the Creative Design Center CDeC

CREATIVE DESIGN CENTRE (CDeC) POLITEKNIK IBRAHIM SULTAN



Hub model

Industrial Partners/
Federal & State
Government
Agencies

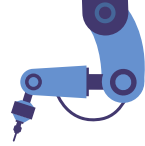


Centre of
Technology/
Excellence

Polytechnics &
Community
Colleges

All Others Arts
& Design
Academic
School/
Institution

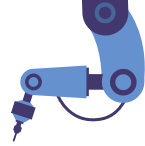




Over 10 years
providing
consultation
& expert
services

Our Clients:





Our Projects

Since 2012

2012-2015

- Perfect Binding Project with Lembaga Kemajuan Johor Tenggara (KEJORA) & Kraftangan Malaysia cawangan Johor

2016-2017

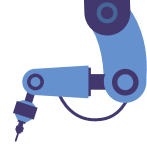
- Kampung Parit Bugis, Muar Rebranding Project
- BioSilver Asahan Water Theme Park Rebranding Project
- Desaru Coast Adventure Water Park- Mural design
- Kampung Belukar Durian Rebranding Project

2018-2019

- FELDA Ulu Tebrau – Coffee Table Book
- Institut Kemahiran Belia Tinggi Negara (IKTBN) – Mural design
- UEU, KEJORA – Product Packaging & Labelling
- Lembaga Pelabuhan Johor (LPJ) – DIORAMA competition, Product Development & Training
- PDRM – Annual Book

2020 - LATEST

- Asean Digital Art Society (ASEDAS) 2020 – Digital Publication
- Bah. Perancangan Program & Institusi, JPPKK – Program Book design
- Johor National Park Ledang Rebranding
- Asean Digital Art Society 2021 (ASEDAS)
- Cahaya Mesra (PETRONAS Taman Cahaya Masai) – CSR with Sek. Agama Tmn. Cahaya Masai
- Majlis Bandaraya Pasir Gudang Branding Project



The High Impact Expert Services & Consultation Project

National & International Level



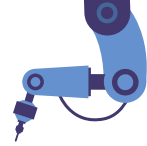
- Diorama Competition
- Workshop
- Corporate Souvenir
- Johor Maritime Gallery **new**



- Publication
- Digital Exhibition **new**
- Art Talk **new**
- Webinar **new**

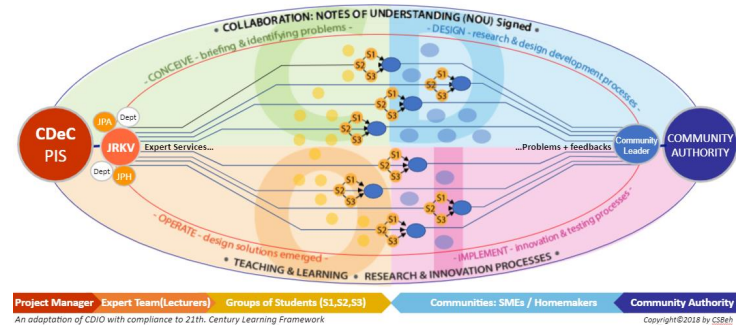


- Interior Design **new**
- Environmental Graphic **new**
- Creative Promotion **new**
- Digital Display **new**



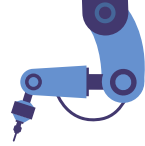
Strive to
strengthen
the elements
of teaching &
learning

Teaching & Learning Approach
R'Project Framework



3rd place for
Transformative Learning Category



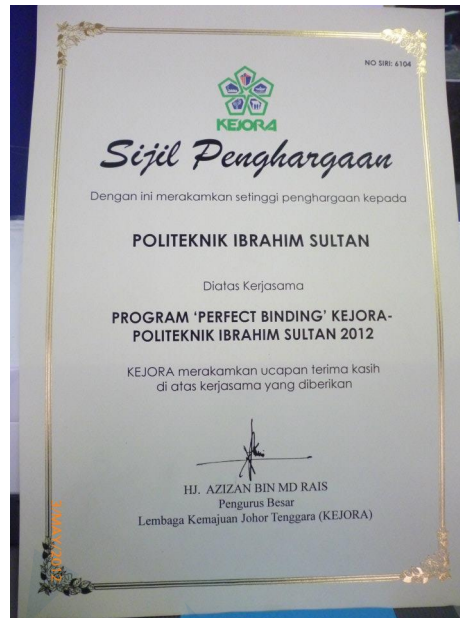


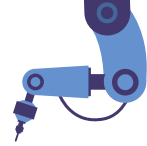
Our Teaching & Learning Projects



PERFECT BINDING PROJECT

An attachment of student's project with the real-life industry in the Creative Design field.





Our Teaching & Learning Projects



TRAINING CONDUCTED

Terbuka Kepada Ibu Tunggal
Sekitar Pasir Gudang Johor

BENGKEL ASAS SENI KRAF RESIN PERCUMA

TARIKH: 20 Ogos 2019 (8pgi - 5ptg)
TEMPAT: Politeknik Ibrahim Sultan Creative Design Centre (CDeC)

TAJAAN
Lembaga Pelabuhan Johor

PTP
Pelabuhan Tanjung Pelepas

Sila Hubungi:
Nurul Syazana Binti Mad Jin : 013 755 0706
Nawar Raihana Binti Ahmad Sani : 019 309 8532

MOBILE APP DEVELOPMENT COURSE

For Beginner | 16 Years Old And Above
24 - 25 May 2019 | 8AM - 4.00PM |
OR
27 - 28 May 2019 | 8AM - 4.00PM |

**fees
RM70.00**
per person
register before
20 May 2019

**SIGN UP FOR
OUR COURSE**

and learn how to create your very own apps.
You will learn more about android apps and
how to develop and customise them using a
simple platform

**VENUE
E LEARNING LAB, CDEC
POLYTECHNIC
IBRAHIM
SULTAN**

REGISTER AT THIS LINK
<https://tinyurl.com/appPIS>

preferably participant have an android phone &
valid gmail account to enroll in this course
OR just come and learn how to build an app

**KM 10 JALAN KONG KONG
81700 PASIR GUDANG**

contact person
mr sarawanan 0177013217

AUGMENTED REALITY (AR) WORKSHOP

20 - 23 Mei 2019

Bengkel ini adalah untuk memperkenalkan aplikasi
Augmented reality kepada peserta secara umum.
Augmented Reality merupakan satu hasil daripada
kemajuan teknologi dimana terdapat penggabungan
objek di dunia nyata dengan objek virtual yang saling
berhubungan, yang boleh digunakan di dalam telefon
pintar (*smartphone*).

- (BLENDER 3D MODELLING)
- (UNITY & VUFORIA AR)

Cara Mendaftar:

- Untuk mendaftar boleh
SCAN QR Code atau layari link
yang disediakan.
- Sila buat pendaftaran sebelum
atau pada 15 Mei 2019
- Setelah membuat pendaftaran
 Pihak kami akan menghubungi
25 peserta terawal sahaja.
- Pembayaran yuran perlu
dibuat pada hari pendaftaran.

PERINGATAN
Makanan dan minuman
tidak akan disediakan
kerana program ini
bertarget pada bulan
puasa. Kepada peserta
yang bukan islam
digalakkan membawa
makanan sendiri.

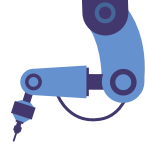
SCAN
from QRcode

<https://tinyurl.com/y3ggd9a>

Pegawai untuk dihubungi:
En. Sarawanan A/L, Lecthuran 017-701 3217
Puan Maria binti Mohamed 012-473 6822

Dianjurkan Oleh:

CREATIVE DESIGN CENTRE (CdC) POLITEKNIK IBRAHIM SULTAN



Our Collaboration Partners:



Strengthen collaboration at every level

CREATIVE DESIGN CENTRE (CDeC) POLITEKNIK IBRAHIM SULTAN



Committed
to
developing
best
reading
materials

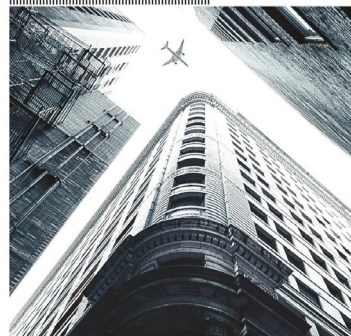


Buletin
& many
more

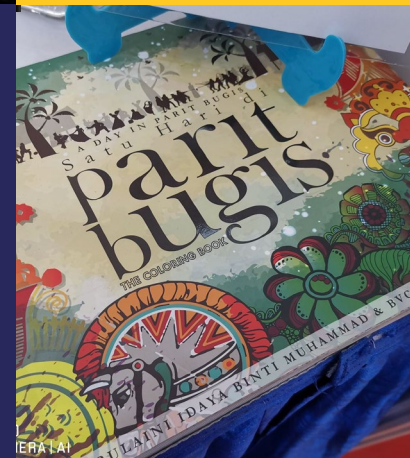


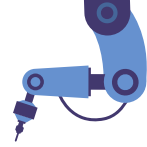
Digest

National Creative
Design Digest 6th
Edition 2020



Creative
Writing





**Ensuring
every
involvement
gets the best
recognition**

Title	Year
Certiport Authorized Testing Centre for ADOBE Certification By ADOBE MALAYSIA	2016
WORLDSKILLS COMPETITIONS ABU DHABI – Medallion for Excellence (Fashion Technology)	2017
Anugerah Khas Menteri Pendidikan Malaysia: Rekabentuk Kurikulum dan Penyampaian Inovatif Tahun 2018 (AKRI 2018)	2018
3 rd Place (Transformative Learning Category) "Reach-Out Project: Bridging Classroom and Society" with adaptation of CDIO in delivery method of Bachelor of Design in Visual Communication and New Media.	2018
Co-Founder & 2 nd Secretary Asean Digital Art Society (ASEDAS)	2020
Committee Members Port Centre Of Excellence (PCOE)	2020
Special Invitation for Poster Biennale 2021 Pakistan Art & Design Organisation (PADO)	2021



Way Forward COT

(our planning/mission)

Demonstrate technology-based knowledge in thrust fields



To spread research in the field of thrust globally



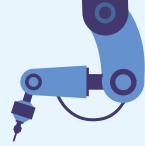
Develop and enhancing knowledge together with industry and local communities






- Encourage the development of creativity in society.
- Develop a Creative Society in any field.
- Enhance knowledge transfer with local industry and communities.
- Help in creating a source of income in the field of Creative Design & Technology.
- Helps generate revenue with low cost, easy availability and accessibility.


**Impact
towards local
socioeconomic**



CONTACT PERSON

ABDUL RAZAK BIN SALIM

 019-790 1038

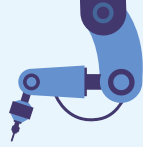
 07-261 2488

 razaksalim@pis.edu.my



CENTRE OF AUTOMOTIVE AND MANUFACTURING TECHNOLOGY (POLCAM)

POLITEKNIK SULTAN AZLAN SHAH



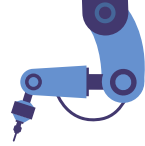
POLITEKNIK SULTAN AZLAN SHAH

Automotive and manufacturing industries are the nation's primary economic activities. In line National Fourth Industrial Revolution objective, POLCAM's vision to be a leading COT in automotive and manufacturing among TVET players through expert services, research and innovation, teaching and learning programme.



POLCAM's also has a mission to focus in niche area by implementing various focus areas in order to meet the needs of stakeholders such as government, industry and community. POLCAM has been recognised as The Best COT Achievement for Malaysia Polytechnic in year 2020 and "Platinum Award" for Research and Innovation COT in year 2020.

In 2021, POLCAM was appointed by National TVET Council as a TVET Hub Collaboration (TCH) in Autonomous Vehicle. POLCAM will strive to ensure that the dream of becoming a major leader in Autonomous Vehicle technology in Malaysia will come true.



AUTOMOTIVE CLUSTER

Energy Efficient Vehicle / Mobility – Autonomous Vehicle, Hybrid & Electrical Vehicle

Partner: Emoovit

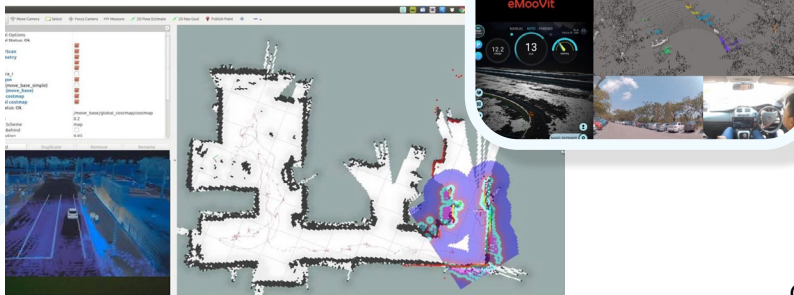
Endstruct, Micro Concept Tech



YEAR	2020-2022	2022-2023	2023-2025
MILESTONE	Awareness Focus Group Dialogue Benchmarking AV Technology sharing (Rent & Build AV)	Design Lab 8 Labs & Workshops Project Outcome Mobile AV Completed AV	Continues Project New Design & Innovative Manufacturing Component & Part in AV (features & accessories) Develop New Technology of AV

PERANCANGAN LATIHAN BERASASKAN 4IR BIDANG AUTONOMOUS VEHICLE TECHNOLOGY		
Bil	Kategori	Anggaran Kos (RM)
1	Permohonan peruntukan CIAST	20,000.00
2	Permohonan latihan (sumber peruntukan pembangunan - P24)	200,000.00
JUMLAH KESELURUHAN		220,000.00

Software: Autonomous Navigation



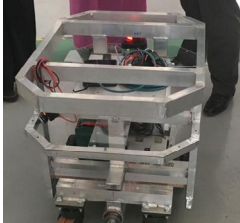
SKOP PROJEK RMK12 RP1		
PEROLEHAN PERALATAN AKADEMIK TERMAJU BERASASKAN 4IR BIDANG AUTONOMOUS VEHICLE TECHNOLOGY		
Bil	Kategori	Anggaran Kos (RM)
1	Makmal High Technology	3,014,000.00
2	Makmal CAD/CAM	492,000.00
3	Makmal Automotif	300,000.00
4	Makmal Plastic Injection Moulding	215,000.00
5	Makmal Pembuatan CNC	3,150,000.00
6	Makmal Pembuatan & Robotik	1,330,000.00
7	Makmal Foundry	500,000.00
8	Makmal Control	270,000.00
JUMLAH KESELURUHAN		9,271,000.00



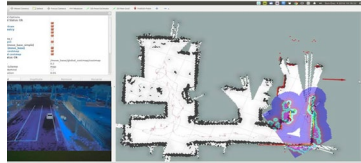
CADANGAN PROJEK BAHARU RP 1 2020, RM Ke-12 SEKTOR PENDIDIKAN TINGGI KPM



Makmal High Technology



Software: Autonomous Navigation



Makmal CAD/CAM 3D



Makmal Automotif: AV Platform on Hybrid Car

Makmal Plastic Injection Moulding

Makmal Pembuatan CNC

Makmal Pembuatan & Robotik

Makmal Foundry

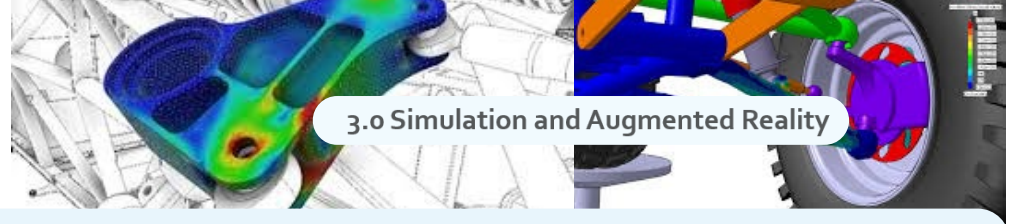
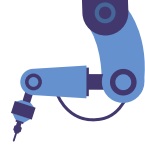
Makmal Control



Autonomous Vehicle Task (Software)



All AV hardware such as radar LiDAR, Camera, AV Display Dashboard, related accessories will be integrated into vehicle structure and appearance.



3.0 Simulation and Augmented Reality

Initiatives POLCAM

1

TVET Collaboration
Hub - Autonomous
Vehicle

2

Training & Professional
Certification CATIA V5
Mechanical Designer
Specialist (Skilled
workers IR 4.0).

3

Consultation In
Manufacturing System
Productivity and Efficiency.

4

Training and Professional
Certification in Electric
Vehicle Maintenance

5

Autonomous Vehicle (AV)
Training and Certification

6

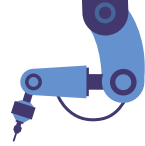
Intellectual Properties
Protection Services
i.e. Patent, Trademark,
Technology Start-up etc.

7

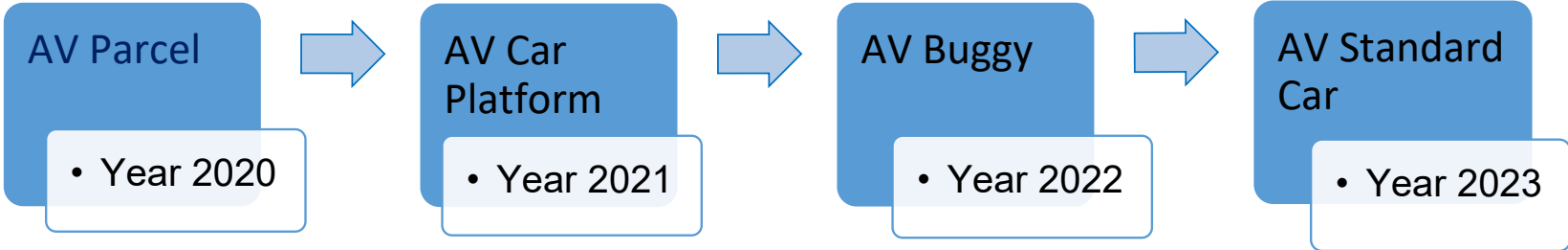
Autonomous Vehicle (AV) –
Industry Reference

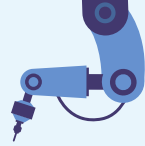
8

New Autonomous Vehicle
(AV) Academic Programme




AV Flagship Milestone






CONTACT PERSON

PUTRI IRDA AB RAHMAN

 013-358 5018

 05-4544431

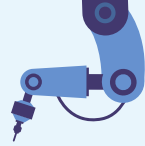
 putri_irda@psas.edu.my



CENTRE OF FOOD SCIENCE & TECHNOLOGY

POLITEKNIK SULTAN HAJI AHMAD SHAH

CENTRE OF FOOD SCIENCE & TECHNOLOGY POLITEKNIK SULTAN HAJI AHMAD SHAH

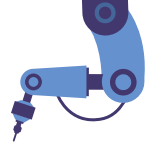


Food Science and Technology has a variety of disciplines that encompasses food science, food processing, food technology, food quality assurance, food safety, food management, food product research and development and food industry entrepreneurship development.



Starting with establishment of Department of Food Technology (JTM), Politeknik Sultan Haji Ahmad Shah in 1976, it has now taken steps to lead the glories of science in the globalization era. JTM strives to promote excellence in the niche area and share expertise with the recognition of the Centre of Food Science and Technology (CFoST) in 8 September 2015.

Equipped with high technology and research infrastructure, creative and innovative teaching staffs boost CFoST as an advance centre for research and innovation. Research and innovation are in the form of products, services and processes that are impactful to polytechnic, Technical and vocational Education Training, society, industry or small and medium-sized enterprises (SMEs).

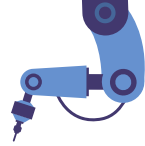


LIST OF OFFERED SERVICE

CFoST offers shared expertise specifically according to clients' needs and demand involving problem solving, as well as business plan and product development.

- ✓ Developing and implementing GMP
- ✓ Product Labelling
- ✓ Halal Management System
- ✓ Develop food product formulation
- ✓ Development of food processing machines





Teaching and Learning

CFOST aims to generate innovative human capital through the development of teaching material/ module and training service to equip creative presentation during teaching and learning, in tune with the polytechnic's niche area.

- ✓ Developing and implementing GMP
- ✓ Product Labelling
- ✓ Halal Management System
- ✓ Develop food product formulation
- ✓ Development of food processing machines

Training

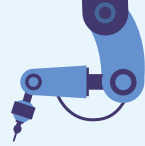
- ✓ Halal Executive Course (Certificate issued by JAKIM)
- ✓ Halal Awareness Course
- ✓ Halal Slaughtering Professional Certification Course
- ✓ Halal Certification Course
- ✓ Food Processing Course
- ✓ Food Handler Course
- ✓ Food Quality Control Course
- ✓ Food Safety Management System Course (Certificate issued by SIRIM)



**AWARDS AND
 RECOGNITION**





NO	ACHIEVEMENT	PROJECT	LEVEL
1	Sapphire Award	Centre of Technology(COT) Terbaik tahun 2020 Excellent Achievement 2020	Politeknik Malaysia COT2021 Appreciation and Recognition event.
2	Platinum Award	Centre of Technology(COT) terbaik tahun 2020 Excellent Achievement 2020	Majlis Apresiasi dan Pengiktirafan COT 2021, Politeknik Malaysia
3	Gold Award	Pricecal1.0-One Stop Calculation Product Price	International Innovation In Technical and Vocational Education and Training, 2020
4	Gold Medal	Halal Guideline Database of Malaysia Halal Certification	International Innovation In Technical and Vocational Education and Training, 2020
5	Gold Award	Inca Cracker	International Innovation In Technical and Vocational Education and Training, 2020
6	Geran Penyelidikan RM 87,000	The Development of Fresh Water Fish Pellet Made of Industrial Food Waste	TVET Applied Grant Scheme (T-ARGS), 2021
7	Gold Medal	Deoiling Machine	Asia International Innovation Exhibition 15-17 October 2021



CONTACT PERSON

TS MOHD SYAFARIM BIN MD ISHAK

 012-9617368

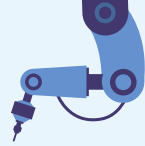
 09-565 5300

 syafarim@polisas.edu.my



CENTRE OF TOWN AND REGIONAL PLANNING (CTOP)

POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH

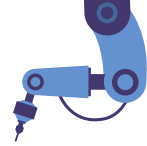


The Sultan Abdul Halim Mu'adzam Shah Polytechnic Centre of Technology (COT) (POLIMAS) was established under the Department of Civil Engineering (JKA) in 2012. In 2015, it was later renamed the Centre of Town and Regional Planning (CToP) in line with its name and function, focusing on the thrust areas of Urban and Regional Planning.

The vision and mission of CToP is to be a centre of excellence that meets international standards by promoting excellence in the field of Town and Regional Planning through expert services, research and innovation, teaching and learning.

The Centre of Town and Regional Planning (CToP) can be classified as a reference centre with the concept of sharing and transfer of knowledge and technology in various areas of expertise through active and strategic cooperation with industry, public and NGOs.

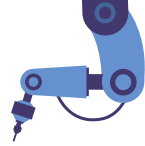
In addition, CToP also intensifies collaboration with the community and industry related to the thrust area as well as encourages scholarly writing and publication to enhance achievement and recognition either locally or abroad.



LIST OF OFFERED SERVICE

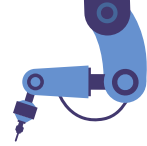
- ✓ Information collection (Socio-Economic Census)
- ✓ Physical development plan
- ✓ Housing, industrial and commercial layout plans
- ✓ Geographic Information System
- ✓ Landscape and recreational plan design
- ✓ Training in the field of town and regional planning technologies





**AWARDS AND
RECOGNITION**

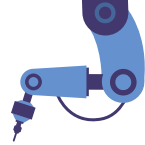
NO	ACHIEVEMENT	PROJECT	LEVEL
1.	1 st place Gold Medal	360 YAN	Innovation and Invention Competition through Exhibition (iComPex 2021)
2.	Silver Medal	Novelty Heritage Backlane Concept	Innovation and Invention Competition through Exhibition (iComPex 2021)
3.	Silver Medal	Greeny Pantai Murni	Innovation and Invention Competition through Exhibition (iComPex 2021)
4.	Best Presenter Award	Pedestrian Walkway Quality Index as an Assessment Tool in Sustainable Facility Planning.	Technology and Innovation International Conference (TECHON21)
5.	Best Research Paper Award	Hierarchical Model for the Needs of Pedestrians in Alor Setar City Center, Kedah	National Technology Research in Engineering, Design and social Science Conference (nTrends21)
6.	Gold Award	Best COT Elements 2020: <ul style="list-style-type: none"> • Best Expert Services 2020 • Best Collaboration 2020 	Majlis Apresiasi dan Pengiktirafan COT Politeknik Malaysia 2021



**AWARDS AND
RECOGNITION**

NO	ACHIEVEMENT	PROJECT	LEVEL
7.	Silver Award	Best COT Elements 2020: <ul style="list-style-type: none">• Best Publication 2020	Majlis Apresiasi dan Pengiktirafan COT Politeknik Malaysia 2021
8.	2 ND Place 3 RD Place	Competition To Prepare A Layout Plan And Concept Of A New Sustainable City For Durian Mentangau, Dungun, Terengganu	PLANMalaysia, TERENGGANU
9.	Gold Medal	Application of GIS in Hotspot Covid-19 Mapping.	PMJB National Innovation Creativity Competition 2022
10.	Silver Medal	Pendang Smart Info	PMJB National Innovation Creativity Competition 2022
11.	Gold Medal	System KLaSCORE	PMJB National Innovation Creativity Competition 2022

CENTRE OF TOWN AND REGIONAL PLANNING (CTOP) POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH



GALLERY



**CRITIC SESSION WITH INVITATION PANEL FROM
INDUSTRY AND COLLABORATION**



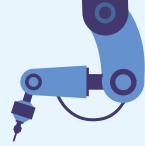
WORKING VISIT OF THE DEPUTY MINISTER OF HIGHER EDUCATION



WORKING VISIT OF KEDAH STATE GOVERNMENT COUNCIL MEMBERS




CSR ACTIVITIES AND BRIEFING SESSION FROM PBT (MDY)



CONTACT PERSON

TPR. GS. ROZAIMI BIN MAJID


Pengerusi COT


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 rozaimimajid@gmail.com

TS. MOHD ZULKAFLI BIN MOHAMED

Penyelaras CTOP

 019-4442002

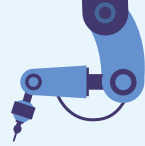
 zulkaf75@gmail.com



CENTRE OF ARCHITECTURE TECHNOLOGY (CArT)

POLITEKNIK PORT DICKSON

CENTRE OF ARCHITECTURE TECHNOLOGY (CArT) POLITEKNIK PORT DICKSON



Architecture service offered by CArT focuses on research and documentation of historical building, as well as designing new building based on client's needs.



To achieve the vision and mission of CArT, two sub-areas is established, namely Kajian Alam Warisan Negeri Sembilan (KAWANS) and Pusat Media Digital Alam Bina (PEMBINA).

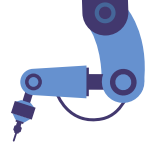
KAWANS is developed as a reference centre for Negeri Sembilan Heritage Architecture that conducts research and documentation of measured drawings and construction technology. While PEMBINA is a digital design research centre that provides advisory and training centre in the field of digital design and drawing.



LIST OF OFFERED SERVICE

- ✓ Reference centre for Minang Architecture and Negeri Sembilan Heritage Architecture
- ✓ Research and documentation of heritage buildings
- ✓ Preservation and conservation of heritage buildings
- ✓ Digital design research centre
- ✓ Training in the field of architectural technologies





AWARDS AND
RECOGNITION

2015

Research of UNESCO Campus Heritage House- Re-installation of Rumah Warisan Hajah Kundur

2016

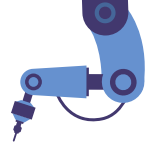
RESPEX-Regional Student Product Exhibition (Collaboration with MANUSEA, Ansan University)

Research and Documentation of Negeri Sembilan 100 Years Mosques (Collaboration with Lembaga Muzium Negeri Sembilan, Majlis Agama Islam Negeri Sembilan)

Research and Documentation of Malaysian Army Camp, Port Dickson Negeri Sembilan

Research and Documentation of Istana Lima Laras, Medan Indonesia





AWARDS AND
RECOGNITION

2017

BIM Workshop, Ansan
University, South Korea (Vol 1)

Research and Documentation of
Istana Langkat, Masjid Azizi dan
Istana Maimoon, Medan Indonesia

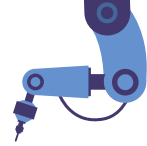
2018

Documenting Polytechnic PD
Campus Utilizing BIM Techniques
with Ansan University, South Korea

Exhibition of Smart Shelter for
Urban Refugees collaboration with
Korean Universities

Research and Documentation of
Masjid Gedhe Kauman, Jogjakarta
Indonesia





AWARDS AND
RECOGNITION

2017

Research and Documentation
of Masjid Tuha Indrapuri, Aceh
Indonesia

International BIM Marathon 2019

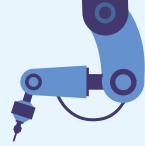
2020

Negeri Sembilan Heritage Mosque
Project (Collaboration with Jabatan
Hal Ehwal Agama Islam Negeri
Sembilan (JHEAINS))

2021


Measured Drawing and Dilapidated
Research of Masjid Lama Kuala
Serdang Kuala Pilah, Negeri
Sembilan (1st place of e-SULAM
Innovated 2021 Project organized
by the Ministry of Higher Education)





CONTACT PERSON

NIK HASNIRA BINTI NIK PA

 011-1067 1774

 06-662 2000

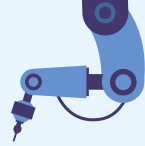
 nikhasnira@polipd.edu.my

MRTC

MECHATRONIC ROBOTIC TECHNOLOGY CENTER

MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC)

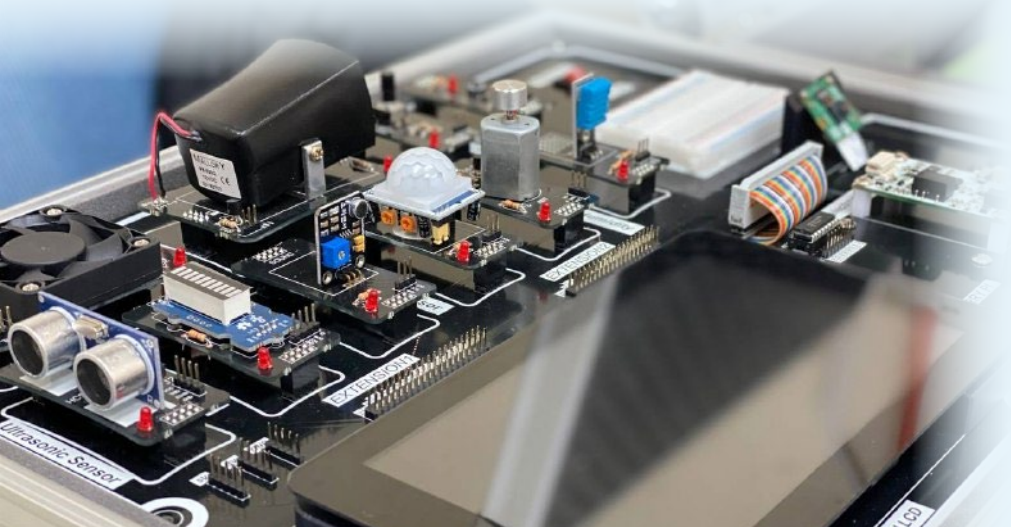
POLITEKNIK TUANKU SULTANAH BAHYAH



Mechatronics Robotic Technology Centre (MRTC) PTSB merupakan salah satu daripada 11 buah Center of Technology (COT) politeknik malaysia yang telah mendapat pengiktirafan pada tahun 2019. MRTC bermula pada 2009 dan sehingga kini MRTC telah berjaya mencapai kecermelangan

dalam beberapa elemen yang ditetapkan seperti penghasilan inovasi, penulisan dan sering mendapat pengiktirafan dalam beberapa elemen COT sehingga ke peringkat antarabangsa.

COT MRTC ditubuhkan agar ilmu pengetahuan dalam bidang Mekatronik-robotik dapat diterokai bersama penyelidikan asas dan lanjutan, memacu pemindahan teknologi bersama pihak luar di samping meningkatkan keupayaan institusi dalam melahirkan graduan yang berdaya saing bagi memenuhi keperluan sumber manusia negara.





LIST OF OFFERED SERVICE

To promote excellence in mechatronics and robotics area through expert services, research and innovation and training services.

Sharing of expertise, research, innovation and high quality training services in Mechatronics/ Automation and Robotics area

01

Promote academic writing and publication in mechatronics and robotics area.

03

Generate income through expert service activities, research & innovation and training services in mechatronics and robotics area.

05

Intensify collaboration in mechatronics and robotics area with communities and industries.

02

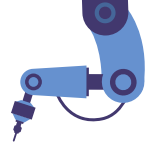
Improve the achievement and recognition at national and international levels in mechatronics and robotics area.

04



AWARDS AND RECOGNITION

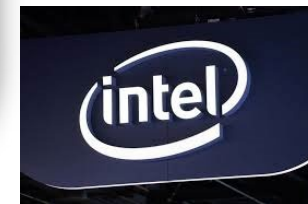
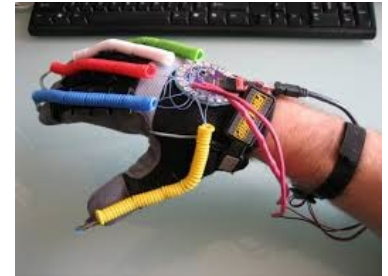




COT PTSB
Recomendation

INTERNET of THINGS (IoT)

- Internet of Everything
- network of physical objects or "things" **embedded with electronics, software, sensors,** and connectivity to enable objects to **collect and exchange data.**
- allows objects to be **sensed and controlled remotely across existing network** infrastructure creating opportunities for more direct integration between the physical world and computer-based systems, and resulting in improved efficiency, accuracy and economic benefit.



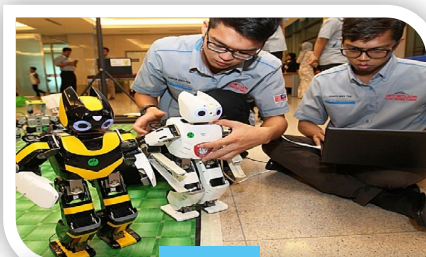
MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC) POLITEKNIK TUANKU SULTANAH BAHYAH



FACILITIES



Mechatronic system lab



FIRA



PLC



Pneumatic



CNC



MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC) POLITEKNIK TUANKU SULTANAH BAHYAH

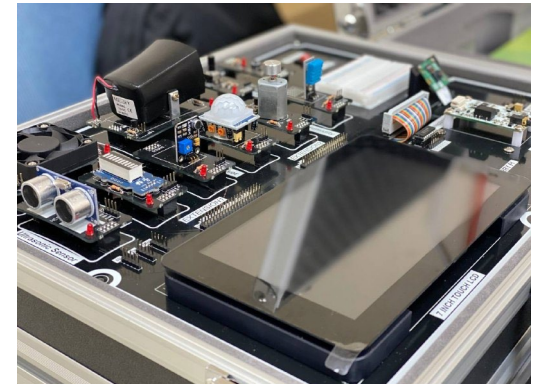


PENGUJIAN PERALATAN BAHARU 2021 COT MRT

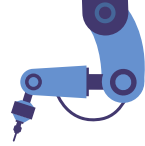
GALLERY



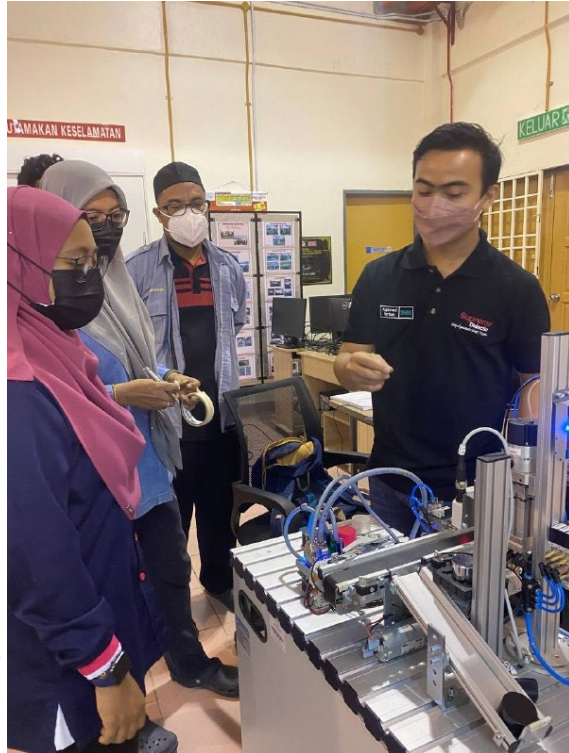
IN HOUSE TRAINING



MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC) POLITEKNIK TUANKU SULTANAH BAHYIAH



GALLERY



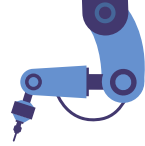


GALLERY



Robot operating system for drone. Technical working group skills (TWG-S) for Poly & CC staff (25-29 Oktober 2021)

MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC) POLITEKNIK TUANKU SULTANAH BAHYIAH

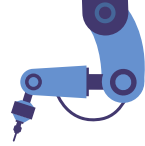


GALLERY



Intelligent robot drone. Technical working group skills (TWG-S) for Poly & CC staff. (1-7 November 2021)

MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC) POLITEKNIK TUANKU SULTANAH BAHYAH



GALLERY



KPT, JPPKK & MITI VISIT TWGS PROGRAMME SPONSORED BY MITI
(3 NOVEMBER 2021)



ACTIVITIES

- ✓ Drone Club PTSB.
- ✓ Collaboration with Kedah Digital Centre in Drone Programming Exhibition Kulim Hi-Tech Park Education Centre 26 Oktober 2020.
- ✓ FIRA Airdrone Workshop- Autonomous Drone Programming using Phyton 2-5 November 2020.



AiBOT & AIR-DRONE

1



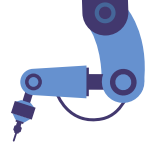


ACTIVITIES

- ✓ Drone Competition- 3 PTSB students winner in Cabaran Digital Drone Artificial Intelligent Robot Programme UKM 9 Jun 2021.
- ✓ My Digital Maker Virtual Fair Negeri Kedah collaboration with MDEC & Kedah Digital Centre. Webinar in Drone Basics: Guide and Control. 29 October 2021

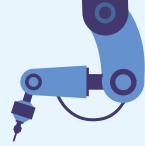


MECHATRONICS ROBOTIC TECHNOLOGY CENTRE (MRTC) POLITEKNIK TUANKU SULTANAH BAHYIAH




ACHIEVEMENT






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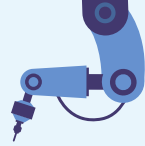
 <https://ptsb.mypolycc.edu.my/>



CENTRE OF TOURISM & HOSPITALITY (CETRAH)

POLITEKNIK MELAKA

CENTRE OF TOURISM & HOSPITALITY (CETRAH) POLITEKNIK MELAKA



Starting with the establishment of the Centre of Technology, Melaka Merlimau Polytechnic in 2017, CENTRE OF TOURISM & HOSPITALITY (CeTraH), PMM is taking steps to lead the glory of knowledge in the tourism and hospitality industry.

CeTraH drives the mission to promote excellence in tourism and hospitality areas through collaboration, research and innovation as well as expert services. CeTraH's niche areas focus on accommodation oriented hospitality and food & beverage preparation, event management as well as tourism management





**LIST OF
OFFERED SERVICE**

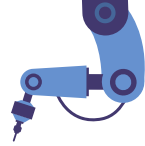
**SENARAI
KOLABORASI
AKTIF PMM**



HULUBALANCEVEN.COM



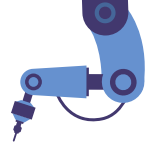
CeTrah - CENTRE OF TOURISM AND HOSPITALITY POLITEKNIK MERLIMAU



LIST OF OFFERED SERVICE

CeTraH provides services specifically for customer needs and demands involving consulting, problem solving, business planning and food and beverage product development as well as tourism and event management.





LIST OF OFFERED SERVICE

CeTraH is recognize and registered under Pusat Sumber Manusia Berhad (PSMB) to offer several courses (HRDF Claimable) through the following two training schools:

Halal Training Provider (PLH) under the Halal Professional Council recognized by JAKIM (Registration No. JAKIM. HPB/PLH: 2018-024)

Food Handler Training School recognized by the Food Safety and Quality Division, Ministry of Health Malaysia (MOH)



LIST OF OFFERED SERVICE

Among the courses offered under the Halal Training Center and Food Handler Training School are as follows:

1

HALAL BASIC TRAINING (BHT)

- ✓ Halal Awareness Training
- ✓ Halal Slaughtering
- ✓ Sertu and its Application

2

HALAL PROFESSIONAL TRAINING (HPT)

- ✓ Halal Executive Training
- ✓ Halal Competency Training

3

HALAL INDUSTRY AWARENESS TRAINING (HIAT)

- ✓ Introduction to Halal Assurance Management System
- ✓ Internal Halal Committee & Documentation
- ✓ Introduction of HAS, GMP & HACCP
- ✓ Internal Halal Audit



**LIST OF
OFFERED SERVICE**

**GAMBAR AKTIVITI LATIHAN HALAL KEPADA
KOMUNITI DI MELAKA**



Halal Awareness dan Internal Halal Auditing di Hotel MITC, Melaka



Halal Awareness dan Internal Halal Auditing di Hotel Holiday Inn, Melaka



Halal Awareness dan Internal Halal Auditing di The Pines Hotel, Melaka



Halal Awareness di Ee Ji Ban Chicken Rice Shop, Melaka



Halal Awareness di Ever Delicious Hotel, Melaka



Halal Awareness di Syarikat EMUMSS Sdn. Bhd, Melaka



Kursus Pengendalian Makanan di Hard Rock Café, Melaka



Halal Awareness dan Internal Halal di King's Green Hotel, Melaka



**AWARDS AND
RECOGNITION**

NO	LEVEL (INTERNATIONAL/NATIONAL/ POLYTECHNIC)	TITLE OF RECOGNITION/ AWARD	ACHIEVEMENT	RECOGNITION/ AWARDING BODY/ORGANISATION	DATE OF RECOGNITION/ AWARD
1	International	Professional Jury	Appointed as Jury in International Digital Innovation and Invention Challenge (IDIIC 2021)	SM Sains Pasir Puteh	1 January - 20 April 2021
2	National	Panel Judge	Appointed as Judges in Pertandingan Teknologi dan Inovasi dalam Pembelajaran Abad Ke-21 (TEKNOVASI) Tahun 2021	Malaysia Education Technology Association	24-28 Mei 2021
3	National	Teknologis Professional	Appointed as Teknologis Professional (Ts) - HAMIDAH NOOR	Lembaga Teknologis Malaysia	21 Disember 2020 - 20 Disember 2021
4	Polytechnic/Community College	External Examiner	Appointed as External Examiner for programme Sijil Pelancongan Pengembaraan Kolej Komuniti Sarikei Cawagan Sibu - PN MAS AZLINA	Kolej Komuniti Sarikei	7 Julai 2021



AWARDS AND RECOGNITION

NO	LEVEL (INTERNATIONAL/NATIONAL/POLYTECHNIC)	TITLE OF RECOGNITION/ AWARD	ACHIEVEMENT	RECOGNITION/ AWARDDING BODY/ORGANISATION	DATE OF RECOGNITION/ AWARD
5	National	Participant	Participating in MaGIC for new product innovation-Development of Bakery Product from Gluten Free Flour Derived From Coconut Dreg	Malaysian Global Innovation and Creativity Center	3 April 2021
6	National	Tenaga Pengajar Halal	Appointed as Tenaga Pengajar Halal by JAKIM-Hamidah Noor	Jabatan Kemajuan Islam Malaysia	5 Mac 2021- 31 Disember 2021
7	National	Tenaga Pengajar Halal	Appointed as Tenaga Pengajar Halal by JAKIM-Norlida	Jabatan Kemajuan Islam Malaysia	5 Mac 2021- 31 Disember 2021
8	National	Tenaga Pengajar Halal	Appointed as Tenaga Pengajar Halal by JAKIM-Rosmera	Jabatan Kemajuan Islam Malaysia	5 Mac 2021- 31 Disember 2021
9	National	Tenaga Pengajar Halal	Appointed as Tenaga Pengajar Halal by JAKIM-Nor Haniza	Jabatan Kemajuan Islam Malaysia	5 Mac 2021- 31 Disember 2021
10	National	Tenaga Pengajar Halal	Appointed as Tenaga Pengajar Halal by JAKIM-Norshila	Jabatan Kemajuan Islam Malaysia	5 Mac 2021- 31 Disember 2021



POLITEKNIK MELAKA

AWARDS AND RECOGNITION

NO	LEVEL (INTERNATIONAL/NATIONAL/ POLYTECHNIC)	TITLE OF RECOGNITION/ AWARD	ACHIEVEMENT	RECOGNITION/ AWARDING BODY/ORGANISATION	DATE OF RECOGNITION/ AWARD
11	National	Tenaga Pengajar Halal	Appointed as Tenaga Pengajar Halal by JAKIM-Zaharizuan	Jabatan Kemajuan Islam Malaysia	5 Mac 2021- 31 Disember 2021
12	National	Bronze Medal Winner	Awarded with Bronze Medal on their participation and achievement in Polycomm'21- Puan Hamidah Noor, Puan Haniza dan Puan Izatul	Jabatan Pendidikan Politeknik dan Kolej Komuniti	2-3 September 2021
13	National	Penyelidik Hanakin Emblica Face Serum	Recognized as researcher for producing product innovation from Buah Melaka - Emblica Face Serum and been sell as one of the local souvinuer at Homestay and Kampungstay Melaka.	Homestay and Kampungstay Negeri Melaka	8 September 2021
14	International	Gold Medal Winner	Awarded with Gold Medal on their participation and achievement in Virtual Innovation Competition 2021-Puan Rohayatul Akma binti Abu Bakar (The Pillowket)	Universiti Teknologi Mara kelantan Branch	1st June - 29th September 2021



POLITEKNIK MELAKA

AWARDS AND RECOGNITION

NO	LEVEL (INTERNATIONAL/NATIONAL/POLYTECHNIC)	TITLE OF RECOGNITION/ AWARD	ACHIEVEMENT	RECOGNITION/ AWARDDING BODY/ORGANISATION	DATE OF RECOGNITION/ AWARD
15	National	Anugerah Pembentang Terbaik	Awarded with Best Presenter on her participation and achievement in National Technology Research in Engineering Design and Social Science Conference (nTrends '21- Puan Rohayatul Akma binti Abu Bakar (The User Perception of the Innovation Survival bag)	Jabatan Pendidikan Politeknik dan Kolej Komuniti & Politeknik Ibrahim Sultan, Johor Bahru	1-2 September 2021
16	Polytechnic/Community College	External Examiner	Appointed as External Examiner for programme Sijil Pelancongan Pengembaraan Kolej Komuniti Hulu Selangor - PN MAS AZLINA	Kolej Komuniti Hulu Selangor	29 September 2021
17	Polytechnic/Community College	External Examiner	Appointed as External Examiner for programme Sijil Pelancongan Pengembaraan Kolej Komuniti Cawangan Lenggong - PN MAS AZLINA	Kolej Komuniti Sungai siput	4 Oktober 2021
18	National	Jurulatih OSHA	Appointed Train of Trainer NIOSH - TS HAMIDAH NOOR	National of Occupational Safety and Health	27 September 2021 - 1 Oktober 2021



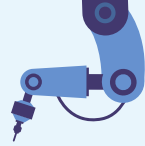
AWARDS AND RECOGNITION

NO	LEVEL (INTERNATIONAL/NATIONAL/POLYTECHNIC)	TITLE OF RECOGNITION/ AWARD	ACHIEVEMENT	RECOGNITION/ AWARDDING BODY/ORGANISATION	DATE OF RECOGNITION/ AWARD
19	National	Jurulatih OSHA	Appointed Train of Trainer NIOSH - PN NUR HANIZA	National of Occupational Safety and Health	27 September 2021 - 1 Oktober 2021
20	International	Anugerah Pembentang Terbaik	Best Presenter in International Conference On Social Science, Education, Technology, Innovation and Art (ICSETIA2021) (Puan Izatul Syazreen binti Mohd Ismail (The Study The Acceptance Innovation Product From Disposable Face Masks Among Students in Diploma in Foodservice Halal Practice)	Kaizenrenovation Centre, Tanjung Malim, Perak.	30 & 31 Oktober 2021

CENTRE OF TOURISM & HOSPITALITY (CETRAH) POLITEKNIK MELAKA


AWARDS AND RECOGNITION






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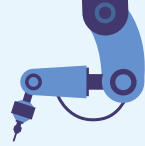
CENTA
CENTRE OF ENVIRONMENTAL TECHNOLOGY
POLYTECHNIC SULTAN IDRIS SHAH

CENTRE OF ENVIRONMENTAL TECHNOLOGY (CENTA)

POLITEKNIK SULTAN IDRIS SHAH

Centre Of Technology & Industry On Campus,
Kementerian Pengajian Tinggi

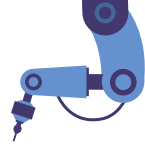
115



Polytechnic of Sultan Idris Shah (PSIS) declared the Centre of Technology (COT) in Phase 5 Polytechnic on 29 September 2016 with the niche area in Environmental Technology. COT PSIS is also known as the Centre of Environmental Technology (CENTA).

The 'eye' symbol shows that CENTA 'views' a better future with environmental technology. The alphabet of 'C' represents 'CENTRE', 'CONSTRUCTION', 'CARE' & 'CONSERVE' to highlight its main objectives. CENTA is nearly written as 'CINTA' which is the Malay language that represents 'LOVE', promoting the sense and emotion of love towards nature.

Due to the high efforts and commitment of all PSIS staff, CENTA managed to obtain recognition as a result of the findings in the Implementation Audit for the Malaysian Polytechnic COT Recognition in 2020.

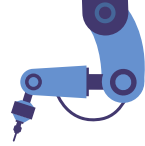


THRUST AREAS

- ✓ Environmental Laboratory Analysis
- ✓ Environmental Pollution Control
- ✓ Safety and Health
- ✓ Environmental Monitoring
- ✓ Transportation (Carbon Foot Print)
- ✓ Environmental Management
- ✓ Waste Management
- ✓ Climate Change
- ✓ Green Turnover
- ✓ Environmental Impact Assessment

CENTA has published an e-bulletin annually since 2019. The bulletin is a closing summary of the events and accomplishment of PSIS throughout the year.





LIST OF OFFERED SERVICE

Polytechnic of Sultan Idris Shah has been appointed as the Accredited Center of the Department of Polytechnic Education and Community Colleges for the implementation of Malaysian skills certification in the field of Green Compliance (NCS Z-050) from 1 October 2020 to 30 September 2023.

Offers consulting services related to:

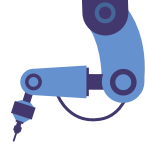
- ✓ Water and wastewater quality testing
- ✓ Organization of environmental awareness programs
- ✓ Management and environmental control in terms of waste, water, air, noise, safety and health
- ✓ Industrial based problem research





AWARDS AND RECOGNITION

NO	ACHIEVEMENT	PROJECT	Peringkat
1.	Bronze Award	Natural Fiber as A Substitute for Ear Pads in Industrial Earmuff	MyCCSKILLS Inovasi Dan Rekacipta Pelajar Tahun 2019 (MYSkrip'19)
2.	Project of The Year	Hybrid Environment Brick	Malaysia GPM Sustainability Recognition Awards 2020
3.	Sustainability Leadership Award	Green Campus PSIS	Malaysia GPM Sustainability Recognition Awards 2020
4.	Outstanding Award	Hybrid Environment Brick	International Invention and Innovative Competition (INIIC 2/2020)
5.	Silver Award	Filtration Concrete Cover Drain	International Virtual Educational Invention, Innovation and Design Competition 2020 (IVEDIIC 2020)
6.	Best Video Award	Solid Waste Management	Pertandingan Rekacipta Video Pendek Sempena Sambutan Hari Bumi 2020 Peringkat Negeri Selangor



**AWARDS AND
RECOGNITION**

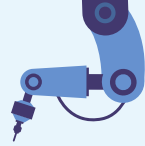
NO	ACHIEVEMENT	PROJECT	Peringkat
7.	Top 5 Award	POLYCC Smart green Award 2021 POLYCC Green Icon Award 2021	Program Malaysia Polytechnic & Community College Sustainability Award 2021 (MPCCSustAward2021)
8.	2 Star Rating	COT 2020 Recognition	Majlis Apresiasi dan Pengiktirafan COT Politeknik Malaysia 2021
9.	Gold Award	Best COT Elements 2020: <ul style="list-style-type: none">➤ Best Collaboration 2020➤ Best Research & Innovation 2020➤ Best Publication 2020➤ Best Recognition 2020➤ Best Teaching & Learning 2020	Majlis Apresiasi dan Pengiktirafan COT Politeknik Malaysia 2021

CENTRE OF ENVIRONMENTAL TECHNOLOGY (CENTA) POLITEKNIK SULTAN IDRIS SHAH




AWARDS AND RECOGNITION






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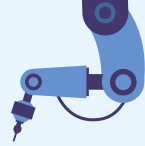


AUTOMOTIVE TECHNOLOGY CENTRE (ATEC)

POLITEKNIK SULTAN MIZAN ZAINAL ABIDIN

AUTOMOTIVE TECHNOLOGY CENTRE (ATEC)

POLITEKNIK SULTAN MIZAN ZAINAL ABIDIN



Center of Technology (COT) Politeknik Sultan Mizan Zainal Abidin in Automotive Engineering field was established in September 2015 after receiving the official letter of appointment by the Polytechnic Education Department.



In 2017, it was given a branding as an Automotive Technology Center (ATeC) in line with its name and function, focusing on the thrust areas of Automotive Engineering. ATeC's vision is to be a center of excellence in the automotive field that meets international standards by promoting excellence in thrust areas with a mission of empowering expertise, research and innovation, collaboration as well as teaching and learning.

Now ATeC aims to be a training, reference and maintenance centre for hybrid and electric vehicles as well as tuning the engines of today's vehicles in line with the Industrial Revolution 4.0.



LIST OF OFFERED SERVICE

1 Expert Service

- ✓ Consultation
- ✓ Engine diagnose and tuning
- ✓ Car troubleshoot, service and maintenance
- ✓ Car spa





LIST OF OFFERED SERVICE

2 Training

- ✓ Vehicle Minor Services
- ✓ Vehicle Air Condition Services
- ✓ Balancing and 3D Wheel Alignment
- ✓ Vehicle Engine Diagnosis

Aircond training



Alignment training

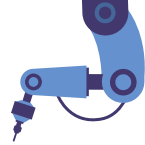


Engine diagnosis Training



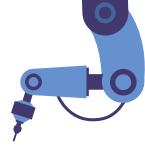
Vessel Engine Training





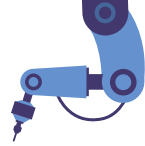
AWARDS AND RECOGNITION

No	Projek / Project	Agensi / Agency	Activities / Events	Tahun
1	Seminar Penyelidikan Automotif Zon Timur '16 Venue : Politeknik Sultan Mizan Zainal Abidin Dungun Terengganu	Anjuran Unit COT , Unit Penyelidikan , Inovasi dan Pengkomersialan serta Pusat Inovasi dan Penyelidikan Politeknik (PIPP)	Research seminars in automotive technology. Best Paper Simulasi berangka pengacuan suntikan komposit polimer diperkuat bahan semulajadi bagi komponen automotif	2016



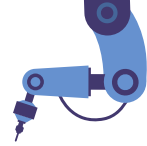
AWARDS AND RECOGNITION

No	Projek / Project	Aktiviti/Event	Pencapaian/ Achievement	Tahun
2.	Anugerah Pencapaian Penyelidikan Dan Inovasi	a) IComPEX'15	a) i) Pingat Emas `I Fluid` ii) Pingat Perak Penambahan Hidrogen pada bahan api petrol bagi enjin pembakaran dalam	2015
		b) NcTVET'15	b) i) Kertas kerja terbaik `The Influence of Butanol On The Performance of Diesel Engine Using Artifical Neural Network`	2015
		c) AiNEX'15	c) i) Gold Medal `Blocco Hub` ii) Bronze Medal `DIY Oil Extractor`	2015
		d) IComPEX'16	d) i) Gold Medal `Mobile Powered Power Window` ii) Silver Medal `Smartstand S4P`	2016



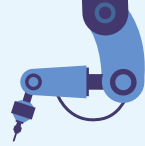
**AWARDS AND
RECOGNITION**

No	Projek / Project	Aktiviti/Event	Pencapaian/ Achievement	Tahun
	Anugerah Pencapaian Penyelidikan Dan Inovasi	j) EDNOVAC 2019 SMART MOBILE LOCKING SYSTEM	<ul style="list-style-type: none"> • ANUGERAH EMAS • ANUGERAH KHAS JURI 	2019
		k) International MAAC Symposium 2019	* Best Paper Award Optimization of Magneto-Rheological Fluids On the Volume Fraction and Viscosity for MR Damper Application	2019
		l) INTELLIGENT 19	<ul style="list-style-type: none"> • Gold Award Semi Auto Creeper • Gold Award Air Quality Detector 	2019
		m) KIKHB 2020 Vehicle Air Ventilation Resquer System (VResQ)	<ul style="list-style-type: none"> • Pingat Emas dan • Tempat Kedua Keseluruhan Kategori Sosial 	2020




**AWARDS AND
RECOGNITION**

No	Projek / Project	Aktiviti/Event	Pencapaian/ Achievement	Tahun
	Anugerah Pencapaian Penyelidikan Dan Inovasi	n) Waste To Art - Monster of Scraper	<ul style="list-style-type: none"> Tempat Ketiga 	2020
		o) International Virtual Education Invention, Innovation and Design Competition (iVEDIIC) 2020	<ul style="list-style-type: none"> ANUGERAH EMAS Four Wheel Nuts Opener Tool ANUGERAH GANGSA Duo Spring Absorber Remover Machine 	2020
	Pengiktirafan	Audit Panel Luar Pengiktirafan 2 Star Rating COT	Sijil Pengiktirafan 2 Star Rating COT 2021 Politeknik Malaysia	2021



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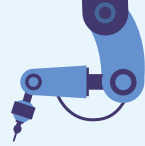


IOC

HYBRID AND ELECTRIC VEHICLE TECHNOLOGY CENTRE

KOLEJ KOMUNITI KEPALA BATAS

HYBRID AND ELECTRIC VEHICLE TECHNOLOGY CENTRE KOLEJ KOMUNITI KEPALA BATAS



Hybrid and Electric Vehicle Technology Centre was established with the mission of providing training support focusing on electric and hybrid vehicles, in line with Malaysia's aim to be a regional energy-efficient vehicle (EEV) hub.

Since being recognised as an IMI Approved Centre in 2014, Hybrid and Electric Vehicle Technology Centre has equipped more than 400 participants with IMI's international qualification in Electric Vehicle Awareness, Electrical Propelled Vehicle Hazard Management, Routine Maintenance Activities on Electrical Propelled Vehicles and Electrically Propelled Vehicle.





Course outline

Level 1 : Award in Electric and Hybrid Vehicle Awareness –INT-EHV1-A

- Module 1: EEV (Energy Efficient Vehicle)
- Module 2: Hybrid System
- Module 3: Auxiliary System
- Module 4: Vehicle Models
- Module 5: HV Battery
- Module 6: Management System
- Module 7: Safety Feature

1

**LEVEL 1:
VEHICLE
CLASSIFICATION
AND SYSTEMS
(AWARENESS)**

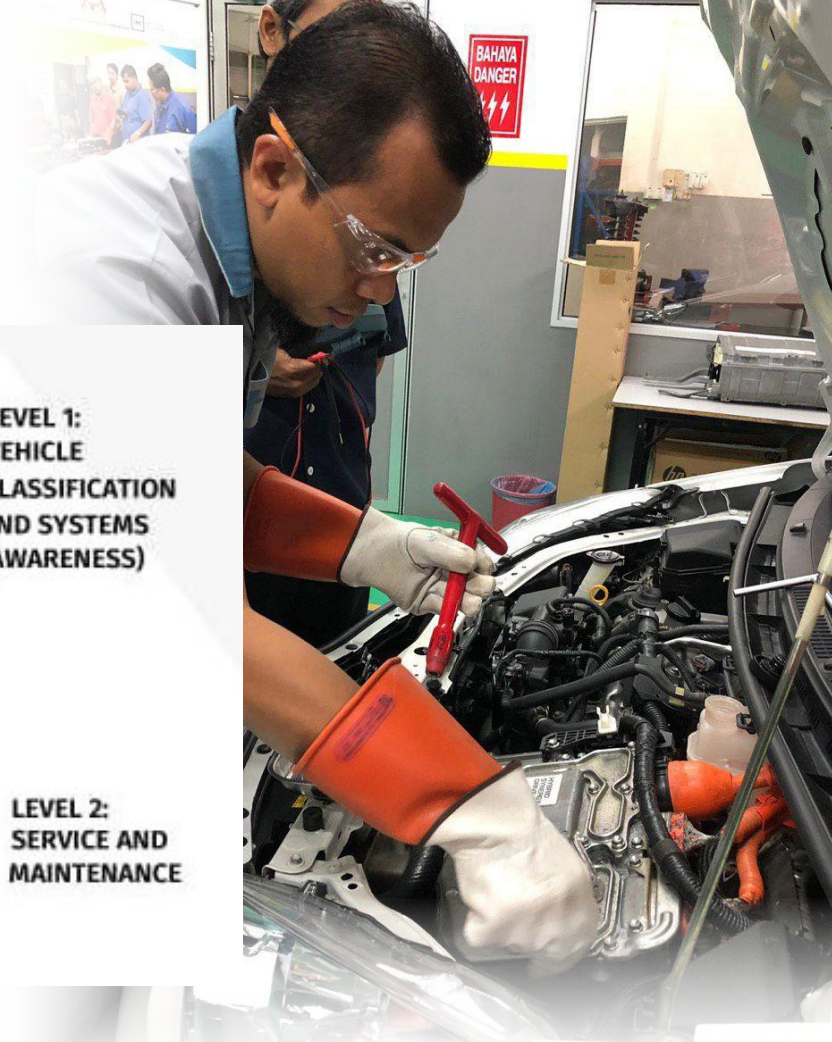
Level 2 Award in Electric and Hybrid Vehicle Hazard Management for Emergency and Recovery Personnel–INT-EHVM2-A

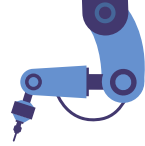
Level 2 Award in Electric and Hybrid Vehicle Routine Maintenance Activities –INT-EHVRM2-A

- Module 1: Routine Maintenance
- Module 2: Auxiliary Battery and Jumpstart
- Module 3: Wiring and Inverter

2

**LEVEL 2:
SERVICE AND
MAINTENANCE**





Course outline

Level 3 Award in Electric and Hybrid Vehicle System Repair and Replacement – INT-EHVSR3-A

- Module 1: Workshop Operation Manual
- Module 2: Replacement of Main Hybrid Battery
- Module 3: Replacement of Power Control Unit
- Module 4: Hybrid Transmission Transaxle
- Module 5: Electric Water Pump and Aircond Compressor



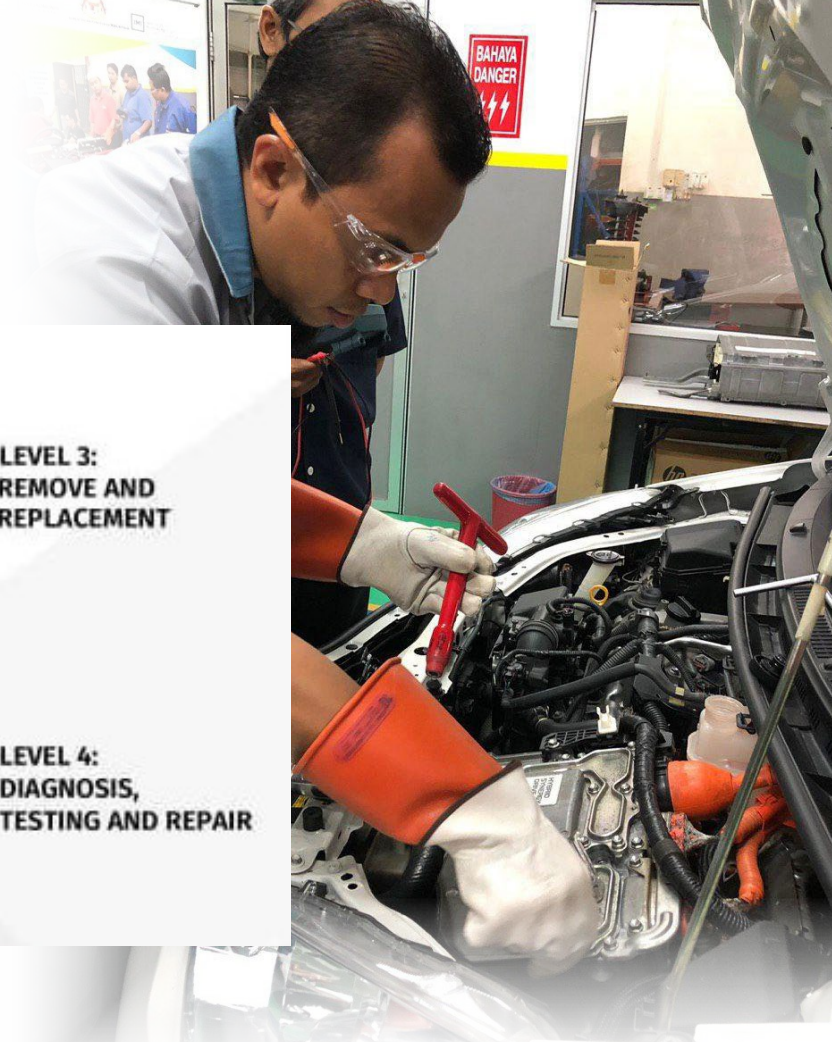
**LEVEL 3:
REMOVE AND
REPLACEMENT**

INT-LVEV4 IMI International Level 4 Fault Diagnosis, Testing and Repair of Electric /Hybrid Vehicles and Components

- Module 1: HV Battery HV Contactor operation and Faults/ Troubleshooting
- Module 2: Insulation testing
- Module 3: Battery Balance /Analysis and Testing
- Module 4: Three Phase Motor Operation –Motor/Generator
- Module 5: Inverter/Converter Construction & Functions
- Module 6: Insulation Regulations



**LEVEL 4:
DIAGNOSIS,
TESTING AND REPAIR**





IOC

GAMES ART

KOLEJ KOMUNITI SELAYANG



KELEMBAI STUDIOS (M) SDN BHD

MAIN SERVICES :

3D ANIMATION . 3D PRINTING
MOTION CAPTURE . HIGH QUALITY VIDEO PRODUCTION
TV SERIES

COLLABORATE FOR INDUSTRY ON CAMPUS (PILOT TEST)

MIN 2 YEARS

2019-2021 Proposal IOC

TOTAL ASSET PLACEMENT IN COLLEGE | **RM 269,297.00** MOTION CAPTURE . COMPUTERS .
FURNITURE . PHOTOGRAPHY SET





COLLABORATIONS ACTIVITIES



KELEMBAI STUDIOS (M) SDN BHD COLLABORATION: 2018-2019

- Program Peningkatan Kemahiran Untuk Pembangunan Portfolio Diploma in Games Art. 3-31.1.2018
- Majlis Dialog Industri dan Pameran Games Art Showcase 2018 13.2.2018
- Selayang Game Jam 2018 6-8.03.2018
- WBL Game Playtest 2.10.2018





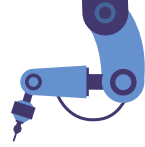
COLLABORATIONS
ACTIVITIES



KELEMBAI STUDIOS (M) SDN BHD COLLABORATION: 2018-2019

- Majlis Dialog Industri dan Pameran Games Art Showcase 2018 13.2.2018
- Artwork Showcase





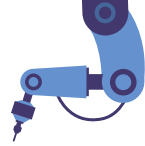
COLLABORATIONS
ACTIVITIES



KELEMBAI STUDIOS (M) SDN BHD COLLABORATION: 2018-2019

- Selayang Game Jam 2018 6-8.03.2018
- 48 hours Non Stop Game Development
- 63 participants. Kolej Komuniti Selayang, Politeknik Metro KL, SMK IQKL
- Community





COLLABORATIONS
ACTIVITIES



KELEMBAI STUDIOS (M) SDN BHD COLLABORATION: 2018-2019

- WBL Game Playtest 2.10.2018
- Mid Valley Megamall
- 6 Company WBL Showcase Product and Playtest



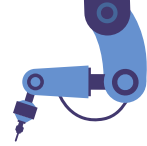


KELEMBAI STUDIOS (M) SDN BHD INDUSTRY ON CAMPUS (PILOT TEST)

- Sesi perkenalan bersama Kolej-Industri
- Kursus Peningkatan Kemahiran Motion Capture
- Menerima Kunjungan dari pelajar sekolah
- Menerima Kunjungan dari pengajar Kolej Vokasional Kuala Selangor
- Sesi pengajaran kepada pensyarah praktikal dan pelajar kaedah bermain papan permainan Warhammer pada 16 Julai 2019 untuk subjek DGA 2012 Creative Thinking.
- **Mentor dan panel industri** bagi sesi pengajaran dan pembelajaran subjek DGA 2043 Principles of Animation. Mentor dilibatkan bersama untuk penilaian tugas dan projek pelajar.



**COMMUNITY,
CORPORATE
RESPONSIBILITY
CONTRIBUTIONS**



COMMUNITY,
CORPORATE
RESPONSIBILITY
CONTRIBUTIONS

**Industry
On Campus
Good Practice**

**Abdul Hanan
Ismail**
CEO Kelembai Studios (M) Sdn Bhd
MOCAP specialist

**Talent Development in
Higher Education**

Thursday,
27 February 2020,
8.30 am
Exhibition Hall, Level 2

KOLEJ KOMUNITI
SELAYANG

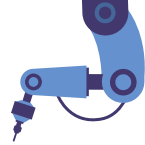
CreativeFest Community
College

<https://kolayselang.myportal.edu.my/>

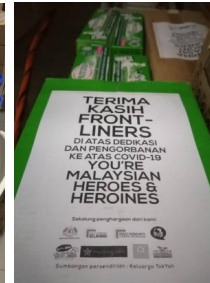


Creative Fest Community College, CFCC
27/2/2020

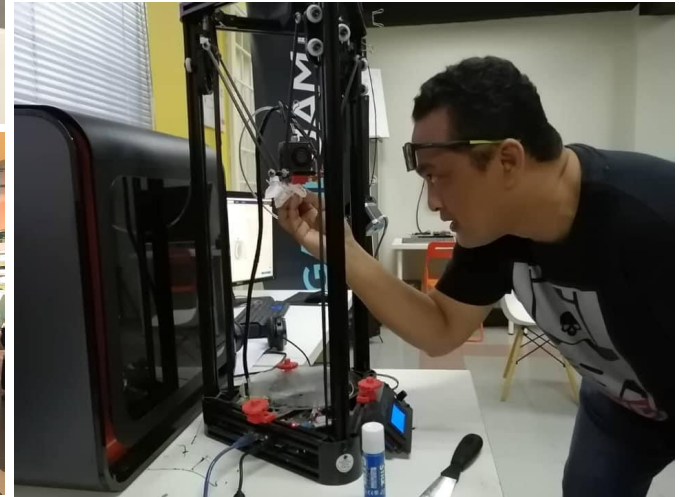


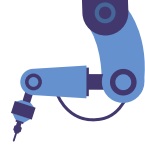


COMMUNITY,
CORPORATE
RESPONSIBILITY
CONTRIBUTIONS



CSR Project Bantuan FaceShield ke Hospital Selayang, Klinik Kesihatan Ibu Anak Bukit Sentosa Ibu Pejabat Polis Kontinjen Jenayah KLIA Suruhanjaya Integriti Malaysia IPD Gombak TNB



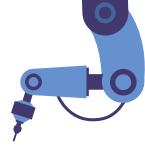


**COMMUNITY,
CORPORATE
RESPONSIBILITY
CONTRIBUTIONS**



5 Jun 2020- Pihak KKSYS bersama Kelembai Studios dibantu oleh sumbangan NGO telah menyerahkan Faceshield kepada Suruhanjaya Integriti Agensi Penguatkuasaan.



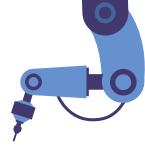


**COMMUNITY,
CORPORATE
RESPONSIBILITY
CONTRIBUTIONS**



Lawatan Expert AR/VR
Representatif dari Syarikat
Samwoo Corporation bertemu
Expert 3D Motion Capture
Pengaruh Kelembai Studio dan
KKSelayang





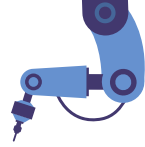
PROFESSIONAL
TRAINING
& LIFELONG
LEARNING
COURSES



KELEMBAI STUDIOS (M) SDN BHD COLLABORATION: 2018-2019

- (Upskilling Reskilling Target Minimum 4 Courses per year under Tabung Amanah)
- Training will be manage by Unit Pendidikan Berterusan (UPB) and Staff Training
- MOCAP Staff Training 3 Days Funded By Ciast
- Free Access to MOCAP After Training



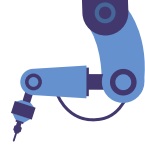


R&D INNOVATION
PROJECT
COLLABORATION

Project Proposed: VR Martial Art Training: Silat



VR martial arts with full body tracking



**R&D INNOVATION
PROJECT
COLLABORATION**



CREATIVE

SELAYANG CREATIVE CENTRE Where Knowledge Meet Experience

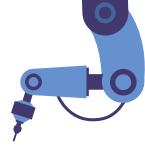
**3D Printing
Course**

**In Collaboration with
KELEMBAI STUDIO**

KELEMBAI
SCHOOL OF 3D DIMENSIONAL ARTS
ANIMATION · 3D · MOTION CAPTURE



KELEMBAI STUDIOS



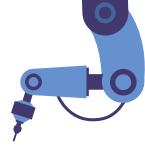
**R&D INNOVATION
PROJECT
COLLABORATION**



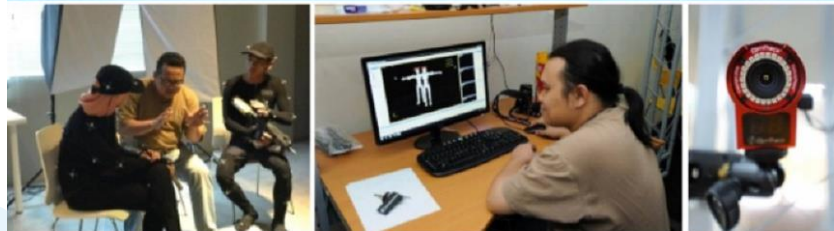
Mechanical 3D Modelling

In Collaboration with
KELEMBAI STUDIO





R&D INNOVATION
PROJECT
COLLABORATION



CREATIVE

SELAYANG CREATIVE CENTRE www.knowledge.meet/experience

Motion Capture

In Collaboration with
KELEMBAI STUDIO

KELEMBAI
SCHOOL OF 3D DIMENSIONAL ARTS

ANIMATION · 3D · MOTION CAPTURE



KELEMBAI STUDIOS

BAHAGIAN PERANCANGAN PROGRAM DAN INSTITUSI
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENGAJIAN TINGGI



03 - 8888 5072