

COMPANY PROFILE



Visit Our Website
Website: psvglobal.com



**POLYGON SYNERGY
VENTURES**



POLYGON SYNERGY
VENTURES

COMPANY BACKGROUND

ONE INDUSTRY ALL SOLUTION





BACKGROUND

Polygon Synergy Ventures (PSV) tech-based company, deliver smart industrial solutions with expertise in equipment fabrication, analytical testing, custom software development, manpower supply, and automation. Our core focus is supporting the oil & gas industry through innovative, reliable, and cost-effective services tailored to operational needs.

Since 2019, PSV has built a reputation as a reliable and innovative Malaysian company, offering practical and tech-driven solutions tailored to industry needs.

Organize Team: Admin, Human Resource, Finance, Operation, Sales & Marketing

Services: Offers Core Analysis for major Oil and Gas companies, along with maintenance, calibration, 3rd party lab services, consultancy, and more.





POLYGON SYNERGY
VENTURES

CORPORATE VISION & MISSION



CORPORATE VISION

One Industry All Solutions Catalyzing Futures

CORPORATE MISSION

At Polygon Synergy Ventures, our goal is to ignite advancements in Petroleum Engineering, Renewable Energy, and Industry 4.0. Dedicated to offering innovative and cost-effective solutions, we aim to revolutionize norms and lead the way in excellence.



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Website: psvglobal.com



POLYGON SYNERGY
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OUR LEADERS

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MEET OUR LEADER



MARINAH YAAKOP
Chief Executive Officer/
Founder

An MBA-qualified leader with over +17 years of impactful business leadership, known for driving corporate strategy, operational excellence, and effective executive decision-making. She excels in aligning senior teams, strengthening governance, and scaling organizations sustainably consistently delivering strong results and long-term growth.



M. RIDUAN AHMAD
Chief Business Officer/
Founder

An MBA-qualified commercial leader with over +18 years of experience in general management and business strategy, specializing in developing effective revenue models, strengthening key client relationships, and driving regional expansion. Proven in scaling business operations and advancing the organization's long-term strategic direction.



AMIRUDIN MOHAMAD
Chief Operation Officer

22+ years as an operations manager, specializing in workflow optimization and cross-sector coordination. Ensures seamless daily operations, delivers on client commitments, and drives operational excellence across all divisions.



HABIKAH OMAR
General Manager, Strategic
Planner

17+ years in oil & gas and industrial sectors. Experienced in business development, client relationship management, and strategic growth initiatives. Drives new market entry strategies, revenue expansion, and long-term business transformation.

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POLYGON SYNERGY
VENTURES

OUR TEAMS



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POLYGON SYNERGY
VENTURES

PSV TEAM 2025

SALES TEAM

MANAGEMENT TEAM

5

8

35 pax Full Time
Workforce
+
15 pax
Consultant

22

OPERATIONS TEAM

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POLYGON SYNERGY
VENTURES

LOCATION



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POLYGON SYNERGY
VENTURES

GLOBAL MARKET

PSV LOCATION

- SELANGOR, HQ
- PERAK, BRANCH
- PGSC, BRANCH
- SABAH, BRANCH
- SARAWAK, BRANCH

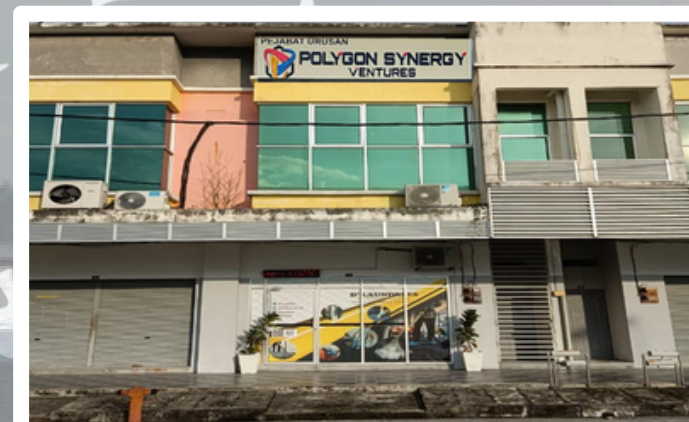
FUTURE EXPANSION

- INDONESIA (2025)
- THAILAND (2025)
- KAZAKHSTAN (2025)

SELANGOR, HQ



PERAK, BRANCH



SABAH, BRANCH



PGSC, BRANCH



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POLYGON SYNERGY
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ROADMAP

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POLYGON SYNERGY
VENTURES

ROAD MAP (2014 - 2025)



2014

Polygon Scientific Resources started with an enterprise company that provides small custom-made equipment fabrication and parts supplier core sample distributor

- July 19 Polygon Synergy Ventures (PSV) SDN BHD was established
- Registered with PETRONAS to supply products/services to PETRONAS and its subsidiaries.



2020

- Expand the range of service
- Provide manpower to operate core flooding equipment and analysis
- Provide manpower for onsite core preservation

- Expand the number of staff and start hiring interns
- Branch in Seri Iskandar



2022

- To have our own, Malaysia's first SCAL lab that liaised with ISO 17025
- Following standard practice for quality management system (ISO 9001:2015)

- Relocated office to new premises in Kota Puteri
- Established a new warehouse facility to support service operations



2019

2021



2025



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**POLYGON SYNERGY
VENTURES**

PRODUCT & SERVICES

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REVENUE STREAM



Equipment
Maintenance, Servicing
& Calibration



Technology
Development



Special
Analytical
Testing



Equipment
Fabrication



Manpower
Services



Trading &
Supplies



Automation
System



Warehouse
Services



Training &
Consultation



Geo Sample
Warehouse
Services



Product
Development

ONE INDUSTRY ALL SOLUTIONS CATALYZING FUTURES



Our Product

- Polygon Synergy Ventures Sdn Bhd



**BUATAN MALAYSIA
MADE IN MALAYSIA**

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

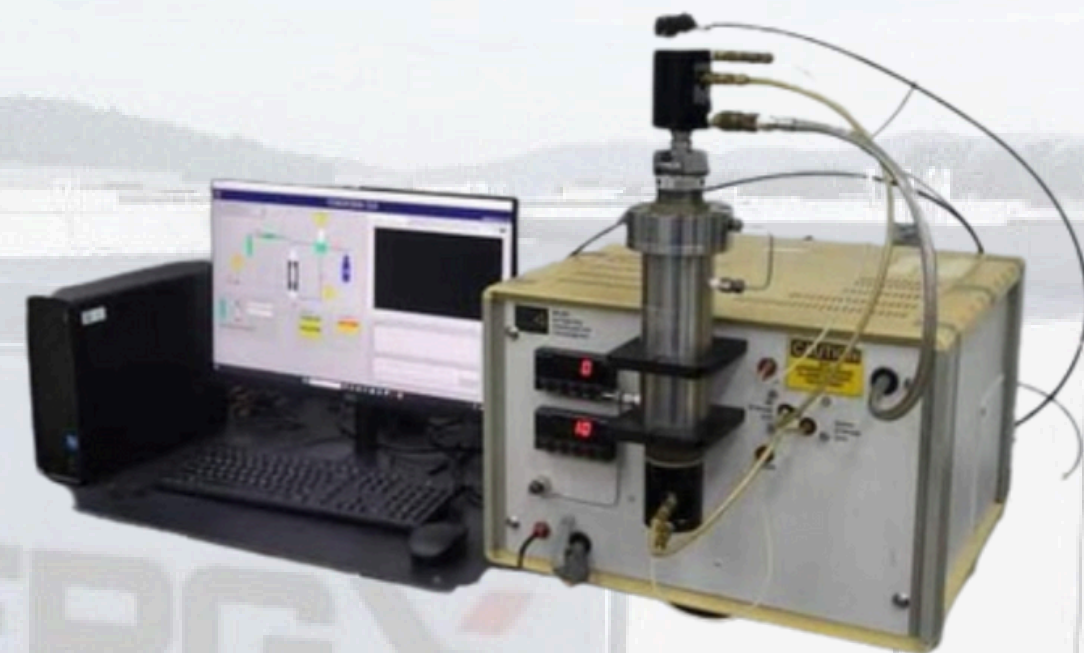
NEW PRODUCT RELEASE 2025



Coreflooding Equipment



Syringe Pump



Poroperm

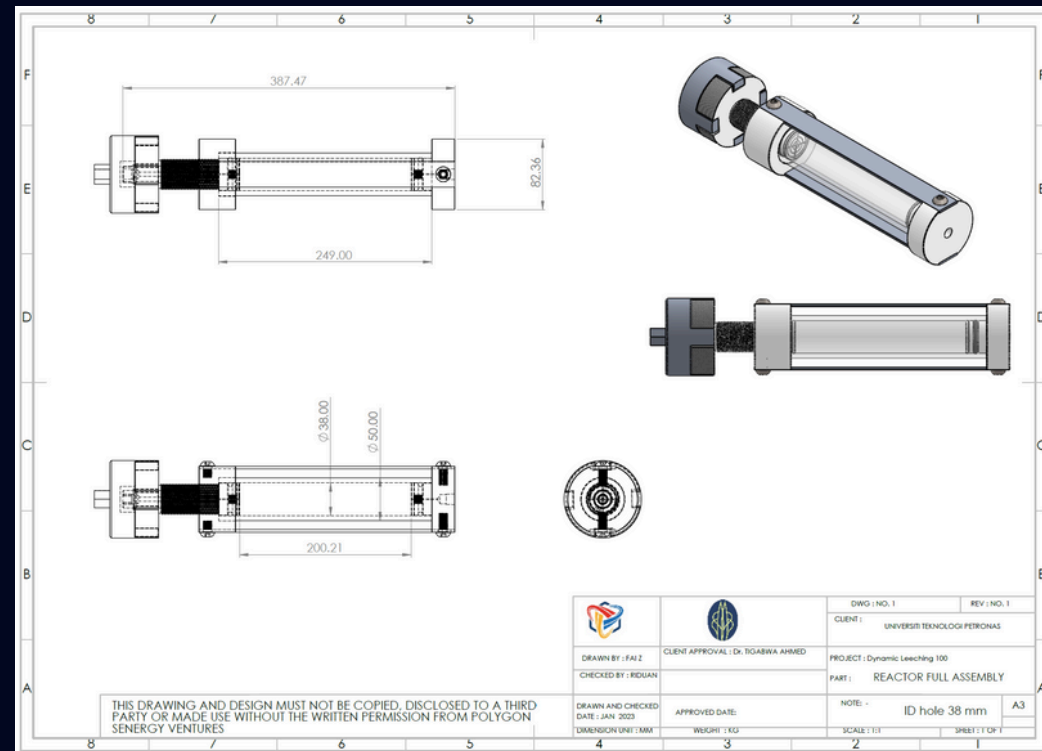
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POLYGON SYNERGY
VENTURES

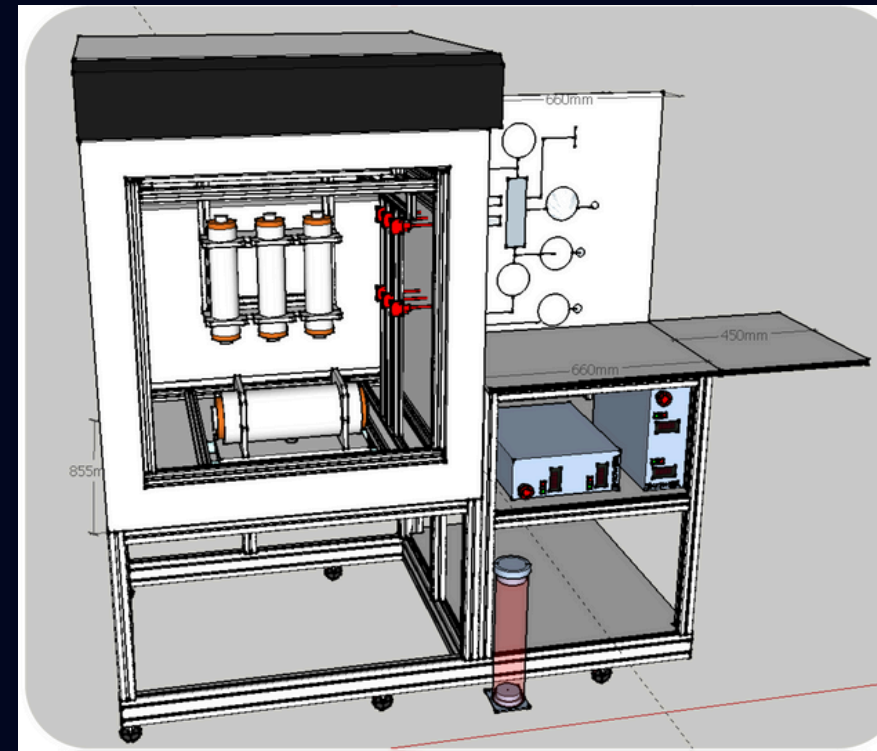
DESIGN, MODELING & SOFTWARE DEVELOPMENT

Design



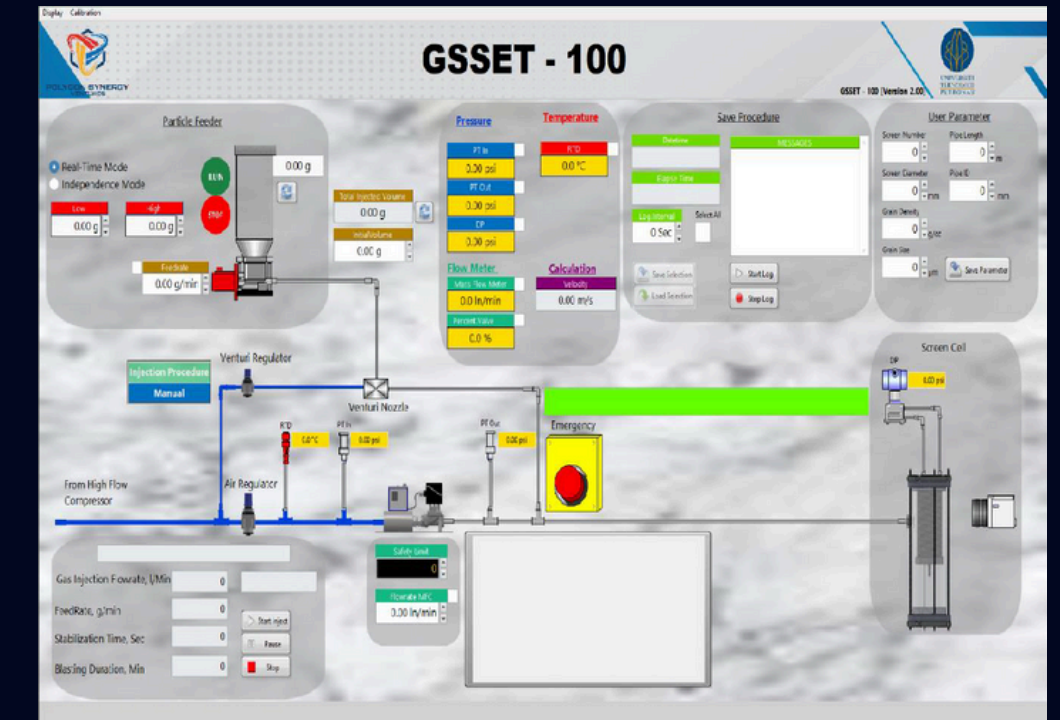
Client: UTP, Seri Iskandar
Equipment:
Sandpac Core Holder

Modeling



Client : UTP, Seri Iskandar
Equipment:
Basic Coreflood System
(BCFS-350)

Software Development



Client : UTP, Seri Iskandar
Equipment:
Gas Sand Screen Erosion Test
(GSSET-100)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

PCRI 250



Client: UiTM, Shah Alam
Equipment:
Basic Capillary Pressure & Resistivity
Index (PCRI 250)

SRT 350



Client : UTP, Seri Iskandar
Equipment:
Sand Retention Test Equipment
(SRT 350)

BCFS 350



Client : UTP, Seri Iskandar
Equipment:
Basic Core Flooding
System (BCFS 350)



OUR PRODUCT

TCF-20



Client: UiTM, Shah Alam
Equipment: Teaching Core Flood
(TCF 20)

Liner Opener



Client ONYX Engineering, Selangor
Equipment: Liner Opener

LPS 5000



Client : ONYX Engineering, Selangor
Equipment: LPS 5000



POLYGON SYNERGY
VENTURES

OUR PRODUCT

IES-100



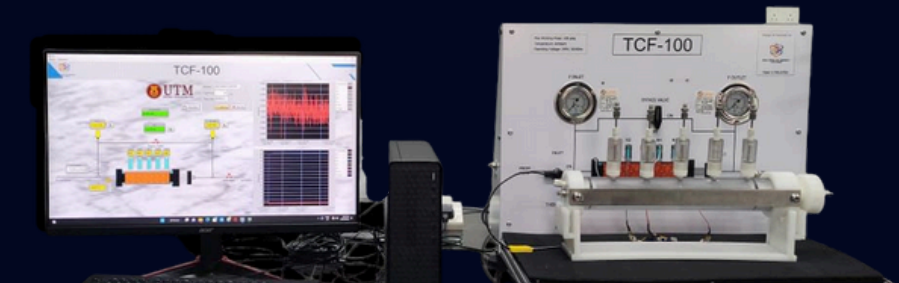
Client: UTP, PERAK
Equipment:
Ion Exchange Setup
(IES-100)

DLS-100



Client UTP, PERAK
Equipment:
Dynamic Leaching Test
(DLS-100)

TCF-100



Client : UTM, JOHOR
Equipment:
Teaching Coreflood
(TCF-100)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

GSSET-100



Equipment:
Gas Sand Screen Erosion Test
(GSSET-100)

CDT-350



Equipment:
Constant Drawdown Test
(CDT-350)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

RO Membrane



Client: UTP, PERAK
Equipment:
RO Membrane

PR-100



Client: UTP, PERAK
Equipment:
Solid Liquid Separator
(PR-100)



POLYGON SYNERGY
VENTURES

OUR PRODUCT

FLUIDIZED & FIXED BED



Client: UKM-MTJA

Equipment:

Fluidized & Fixed Bed Reactor for producing CO, H₂ & CH₄



POLYGON SYNERGY
VENTURES

OUR PRODUCT



TP1-219

Equipment:
Helium Porosimeter (Coretest)



TKA-209

Equipment:
Gas Permeameter (Coretest)



TEP - 231

Equipment:
Electrical Properties (Coretest)



POLYGON SYNERGY
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EQUIPMENT MAINTENANCE

CAPRI System



**Client: PETRONAS Research
Sdn Bhd**
Equipment:
CAPRI System by DCI Test System

PVT Fluid Evaluation



Client UTP, Perak
Equipment:
PVT Equipment

ELECTROMAGNETIC VISCOMETER



Client : UTP, Perak



POLYGON SYNERGY
VENTURES

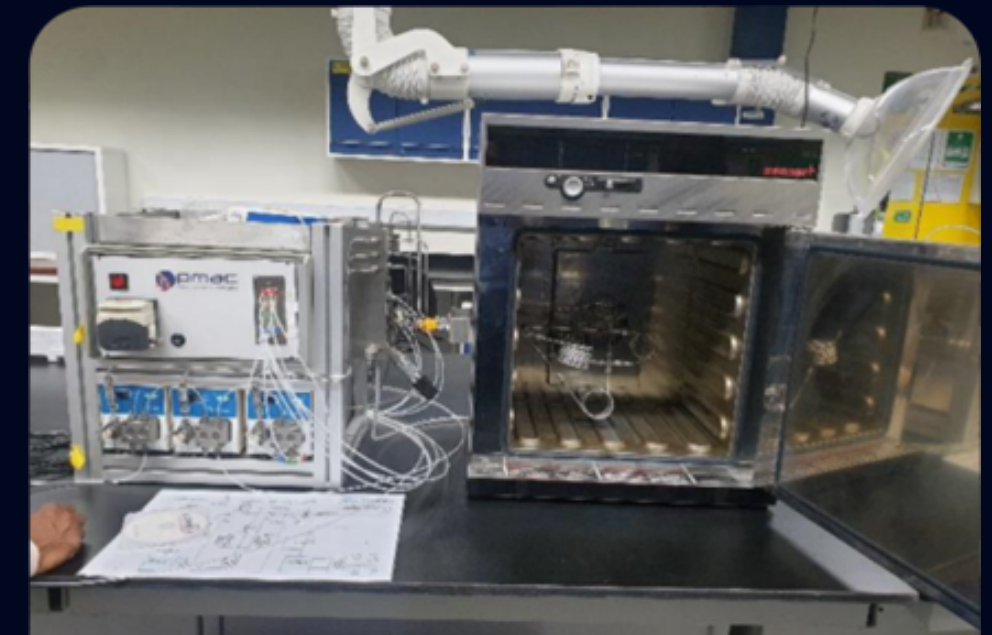
OUR PRODUCT



HTHP DENSITOMETER



FLOWLOOP APPARATUS

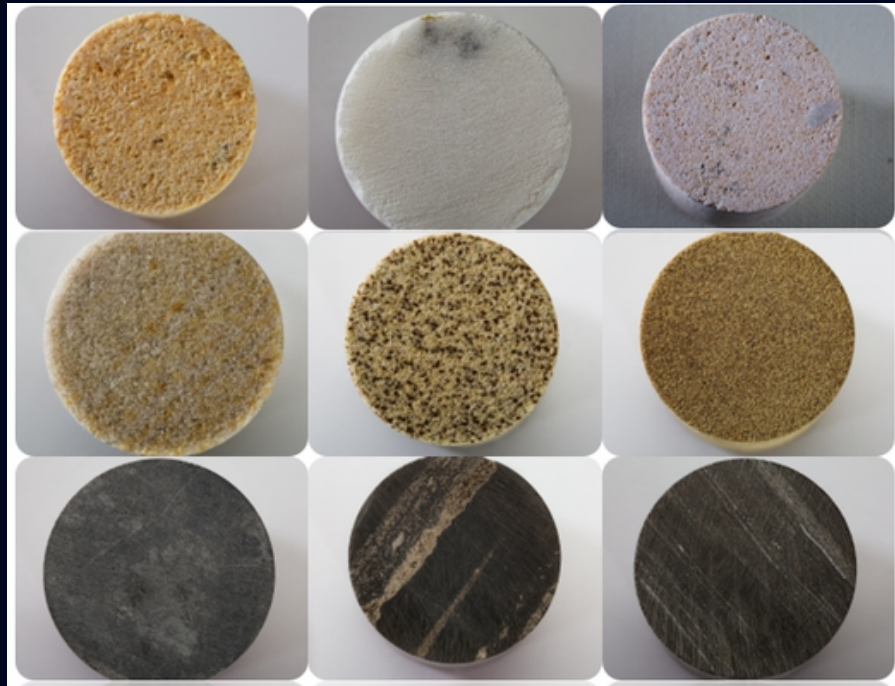


DYNAMIC SCALE LOOP

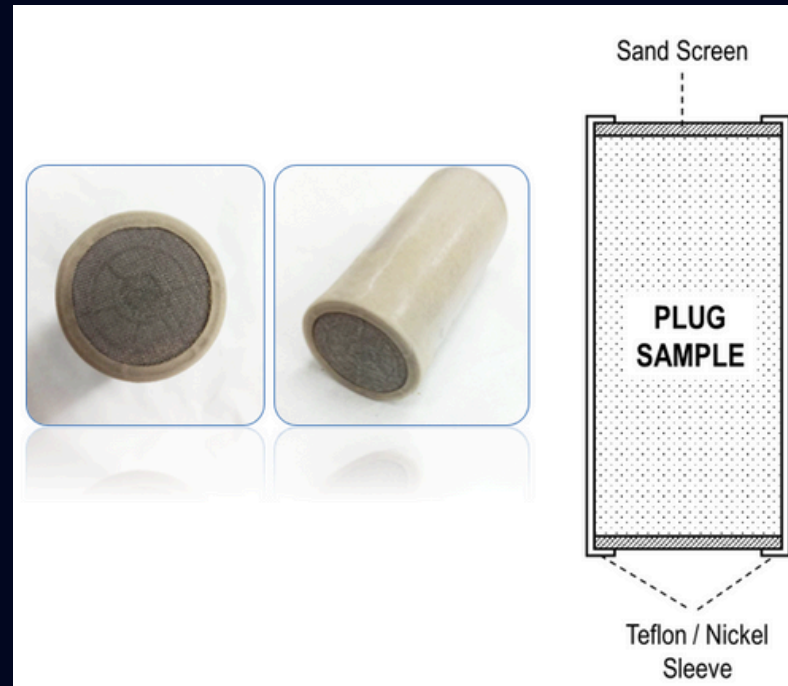


POLYGON SYNERGY
VENTURES

TRADING & SUPPLIES



Sandstone, Carbonate, Shale



Costume Sand Pack



Multi-layer Perm Samples



POLYGON SYNERGY
VENTURES

CLIENT

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POLYGON SYNERGY
VENTURES

OUR CLIENTS & COLLABORATORS



Industry Sector

Academic Sector

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POLYGON SYNERGY
VENTURES

CORPORATE GOVERNANCE & CERTIFICATIONS

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COMPANY RECOGNITION

ANUGERAH IKON USAHAWAN INDUSTRI PEMBINAAN NEGERI SELANGOR 2024 - 2025

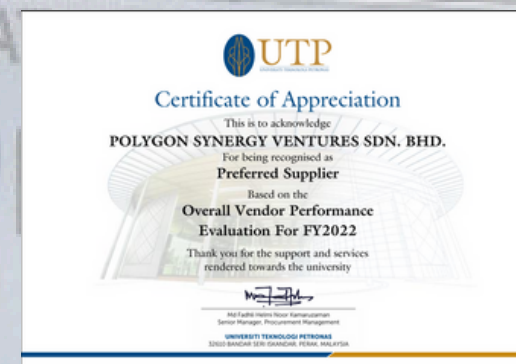




POLYGON SYNERGY
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COMPANY RECOGNITION

PREFERRED VENDOR FOR STRAIGHT 4 YEARS FROM UTP 2020 - 2023



SME COMPETITIVENESS RATING FOR ENHANCEMENT (SERVICE MODEL)



QUALITY MANAGEMENT SYSTEM 9001:2015



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POLYGON SYNERGY
VENTURES

COMPANY CERTIFICATE



KEMENTERIAN KEWANGAN MALAYSIA SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K10102881593255045
NO. RUJUKAN PENDAFTARAN : 357-0002348721
TEMPOH SAH LAKU : 21/06/2022 - 20/06/2025

Bahawa dengan ini diperakui syarikat :

POLYGON SYNERGY VENTURES SDN. BHD. (1332248-V)
NO. 39, JALAN ECO PERINDUSTRIAN 1/3C
ECO PERINDUSTRIAN 5
KUALA SELANGOR
42300 BANDAR PUNCAK ALAM
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ENCIK MOHD RIDWAN BIN ABDUL	860227387669	PENGAHAR URUSAN
PUAN MARINAH BINTI YAAKOP	89070805466	MANAGER ADMIN

U1

AB RAHIM BIN AB RAHMAN
Bahagian Perolehan Kerajaan
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 21/06/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

MOF LICENSE



KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

NO. SIJIL : BP10102881593744983
NO. RUJUKAN PENDAFTARAN : 357-0002348721
TEMPOH SAH LAKU : 29/02/2024 - 20/06/2025

Bahawa dengan ini diperakui syarikat :

POLYGON SYNERGY VENTURES SDN. BHD. (1332248-V)
NO. 39, JALAN ECO PERINDUSTRIAN 1/3C
ECO PERINDUSTRIAN 5
KUALA SELANGOR
42300 BANDAR PUNCAK ALAM
SELANGOR, MALAYSIA

Telah diiktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditarik balik sekiranya syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendaftaran Syarikat Bumiputera (Lampiran C).

U1

DATO' INDERA AB RAHIM BIN AB RAHMAN
Perbendaharaan Malaysia Semenanjung
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 21/06/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

BUMIPUTERA LICENSE



PETRONAS

LICENSE TO SUPPLY PRODUCT/SERVICE TO EXPLORATION AND OIL/GAS COMPANIES IN MALAYSIA

In exercising the powers conferred by Section 7, Petroleum Development Act 1974 and in accordance to Regulation 7 of the Petroleum Regulations 1974, delegated to me by the Prime Minister of Malaysia, I hereby issue the license under Regulation 3 of the Petroleum Regulations for the purpose of the above to:

Certificate generated at: 29/12/2023

POLYGON SYNERGY VENTURES SDN. BHD. (1332248-V)
NO. 12-1 JALAN PPS 2, PUSAT PERDAGANGAN SELASEKARU BATU CAVE, SELANGOR,
Details of License are as follows:

Company's No.	: 200901022019
Type of Company	: License
Duration of License	: 21/02/2022 - 06/04/2025
License Fee	: RM 750.00
Categories of Product/Service	: As attached in 'CATEGORIES OF LICENSE / REGISTRATION'

Special Conditions imposed onto this License:-

Subject to the special conditions as attached.

General requirements of this License are as stated in the same page.

Remember: License Must Apply For Renewal 6 Months Before The Expiry Date.

PETRONAS LICENSE GENERAL CONDITIONS

- Company is required to register, obtain a license, permit or authorization from the relevant authority to carry out the service or supply of product or material used in company's operations and activities.
- This license is not transferable to any company/other party.
- This license will be voided if the company is found to be in the process of liquidation, winding-up or dissolution.
- Company shall inform PETRONAS on any changes related to company's position such as equity ownership, board of directors and management staff within fourteen (14) days. Failure to do so may result in revocation of License.
- Company should take immediate action to adhere to the special conditions imposed as stated in the appendix of the PETRONAS license certificate and to inform PETRONAS on the progress of this action.
- Company is not allowed to take another company as principal, agent, sub-contractor or otherwise to provide any service or supply of any facility, fittings or equipment on its behalf without prior written consent from PETRONAS.
- Company shall allow PETRONAS representatives for inspection visit / site / company audit and receive / sign of documents and interviewing employees and related parties.
- Sub-contract work to another contractor without written permission from PETRONAS.
- Renewing or accepting contract or tender during the license suspension period.
- Provide false, inaccurate or misleading information.
- Does not follow tender's regulations and office including but not only limited to sending proposal letter, bidding or bidding.
- Engaged in any inappropriate activities with this License.
- According to Act 9, Petroleum Act 1974, a person who initiates or continues any business or continues providing services as mentioned in Act 9 without a license or do not comply with any condition of the license is committing a crime and can be fined not exceeding RM20,000.00 (Twenty Thousand Ringgit) or imprisonment for a period not more than two (2) years or both and in respect of each continuous offence, it is subject to further fine of RM4,000.00 (Four Thousand Ringgit) for every one (1) day or any part of one (1) day which the offence continues after the first conviction is recorded.
- This approval is not an agreement/guarantee that your company will be called to participate in a tender or quotation of PETRONAS or its subsidiaries.



PERAKUAN PENDAFTARAN

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga mengikut Bahagian VI Akta Lembaga Pembangunan Industri Pembinan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama peraturan ini.

No. Pendaftaran : 0120210920-SL085483
Nama Kontraktor : POLYGON SYNERGY VENTURES SDN. BHD.
Alamat Berdaftar : 87-3 JALAN DWITASIK 1 DATARAN DWITASIK BANDAR SRI PERMAISURI
56000 CHERAS
WILAYAH PERSEKUTUAN KUALA LUMPUR
Daerah : KUALA LUMPUR
Tarikh Mula Berdaftar : 20/09/2021

GBED	KATEGORI	PENGEKUISUSAN
G3	B	B04
G3	CE	CE21
G3	ME	M15

Tarikh Mula Berkuasa : 09/07/2024

Tarikh Habis Tempoh Perakuan : 02/07/2026

STATUS: DORMAN

Ketua Eksekutif
Lembaga Pembangunan Industri Pembinan Malaysia
Tarikh: 09/07/2024



CIDB LICENSE

ONE INDUSTRY ALL SOLUTION



**POLYGON SYNERGY
VENTURES**

SUPPORTED PROGRAM

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

SUPPORTED PROGRAM



مجلس امانه رايك



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POLYGON SYNERGY
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MEMORANDUM OF UNDERSTANDING

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POLYGON SYNERGY
VENTURES

MEMORANDUM OF UNDERSTANDING





POLYGON SYNERGY
VENTURES

MEMORANDUM OF UNDERSTANDING



MoU Between Universiti Malaya &
Polygon Synergy Ventures



MoU Between Universiti Teknologi
PETRONAS & Polygon Synergy Ventures



اونيفرسيتي مليسيا فهغ السلطان عبد الله
UNIVERSITI MALAYSIA PAHANG
AL-SULTAN ABDULLAH

MoU Between Universiti Malaysia
Pahang & Polygon Synergy Ventures



MoU Between Universiti Teknologi
Malaysia & Polygon Synergy Ventures

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POLYGON SYNERGY
VENTURES

LETTER OF INTENT

ONE INDUSTRY ALL SOLUTION





POLYGON SYNERGY
VENTURES

LETTER OF INTENT



Letter of Intent

Between

UNIVERSITI TEKNOLOGI PETRONAS
(which is owned and managed by Institute of Technology PETRONAS Sdn Bhd
(Company No. 199501023672 [352875-U]), and located at 32610 Bandar Seri Iskandar,
Perak)

And

POLYGON SYNERGY VENTURES SDN BHD
(Company No. 201901022919 [1332248-V], located at No. 55, Jalan KP 4, Nouvelle
Industrial Park Kota Puteri, 48100 Batu Arang, Selangor)

- The Parties have discussed collaborative efforts and hereby record their intent to collaborate in areas including, but not limited to **student internship placements, equipment rental and services, as well as research activities.**
- The collaboration shall be conducted over a period of three (3) years commencing from 02 October 2025 and ending 01 October 2028 (hereinafter referred to as the "Collaboration Duration").
- Ir Dr Mohd Azuwan bin Maoinser from UTP and Mr Mohd Riduan bin Ahmad from PSVSB shall act as the Liaison Officers who will develop and coordinate the various activities agreed upon. Through these officers, either party may initiate proposals for additional cooperative activities.
- The Parties will work together to produce joint publication(s) under the Project. A publishing Party shall provide the other Party with a copy of any proposed publication and the other Party shall have twenty-one (21) days to review the data and information deemed confidential.
- Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties.

**Polygon Synergy Ventures Sdn Bhd &
Universiti Teknologi PETRONAS**



Letter of Intent to Collaborate

Between

PanTerra Geoconsultants BV

And

POLYGON SYNERGY VENTURES SDN BHD

PanTerra Geoconsultants BV and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- The Parties are desirous to collaborate in areas including, but not limited to, conducting tests for ambient porosity and permeability measurements, as well as performing Routine Core Analysis, Special Core Analysis & Fluid Analysis.
- Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between PanTerra Geoconsultants BV and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this 21/3/2025

G.P. van de Bilt
Managing Director
PanTerra Geoconsultants BV

PanTerra Geoconsultants BV
Riverside 1-3
2007 RZ Lelystad
The Netherlands

M. Riduan Ahmad
Chief Technical Officer
Polygon Synergy Ventures Sdn Bhd



**Polygon Synergy Ventures Sdn Bhd &
Panterra Geoconsultants BV**



Letter of Intent to Collaborate

Between

**UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH
(UMPSA)**

And

POLYGON SYNERGY VENTURE SDN BHD

Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- The Parties are desirous to collaborate in areas including, but not limited to, **student internship placements, equipment rental and services, as well as research activities.**
- The Parties will be looking forward to work together to produce joint publication(s) under the Project;
- Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between UMPSA and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this

Professor Ts. Dr. Sumayya Bt Zainal
Dean
Faculty of Chemical and Process Engineering
Technology
Universiti Malaysia Pahang Al-Sultan Abdullah

(signature & official stamp)

M. Riduan Ahmad
General Manager
Polygon Synergy Ventures Sdn Bhd

(signature & official stamp)

**Polygon Synergy Ventures Sdn Bhd &
Universiti Malaysia Pahang Al-Sultan Abdullah**

ONE INDUSTRY ALL SOLUTION



POLYGON SYNERGY
VENTURES

LETTER OF INTENT



Letter of Intent to Collaborate

Between

Stratum Reservoir (Thailand) Ltd.

And

POLYGON SYNERGY VENTURES SDN BHD

Stratum Reservoir and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:


- The Parties are desirous to collaborate in areas including, but not limited to, conducting tests for ambient porosity and permeability measurements, as well as performing Routine Core Analysis, Special Core Analysis & Fluid Analysis.
- Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between Stratum Reservoir (Thailand) Ltd. and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this 20th March 2025


Mohamed Rida Dridi
Vice President MEA, Operations
Stratum Reservoir (Thailand) Ltd.

(signature & official stamp)




M. Riduan Ahmad
Chief Technical Officer
Polygon Synergy Ventures Sdn Bhd

(signature & official stamp)



**Polygon Synergy Ventures Sdn Bhd &
Stratum Reservoir (Thailand) Ltd.**



Letter of Intent to Collaborate

Between

NAZARBAYEV UNIVERSITY

And

POLYGON SYNERGY VENTURES SDN BHD

Nazarbayev University and Polygon Synergy Ventures Sdn Bhd having discussed collaborative efforts between the Parties hereby record their intent towards the collaboration as follows:

- The Parties are desirous to collaborate in areas including, but not limited to, conducting tests for ambient porosity and permeability measurements, as well as performing special core analyses.
- Any co-operation between the Parties pursuant to this Letter of Intent that requires financial commitment will be formalised and secured by a written agreement detailing the Parties' rights and responsibilities, including any financial commitments on each of the project participated by the Parties;
- This Letter of Intent does not constitute or create, and shall not be deemed to constitute or create any legally binding or enforceable obligations on the part of either party to this Letter of Intent except by the execution of a legally binding agreement between Nazarbayev University and Polygon Synergy Ventures Sdn Bhd containing such terms and conditions of the proposed collaboration which shall be mutually agreed upon by the Parties.

Dated this

	
Name: Dr. Sonay Irawan Designation: Associate Professor Company Name: Petroleum Engineering Department Nazarbayev University	M. Riduan Ahmad General Manager Polygon Synergy Ventures Sdn Bhd
(signature & official stamp)	(signature & official stamp)

**Polygon Synergy Ventures Sdn Bhd &
Nazarbayev University**



Australian
National
University

19 August 2025

M. Riduan Ahmad
Founder
Chief Business Officer
Polygon Synergy Ventures Sdn Bhd
No. 55, Jalan Kota Puteri 4
Nouvelle Industrial Park Kota Puteri
48100 Batu Arang
Selangor
Via email: mra@psvglobal.com

To Whom It May Concern

Letter of Support for PSV Tender Submission – Provision of Geological Samples and Laboratory Core Analysis Services for PETRONAS Carigali Sdn. Bhd.

On behalf of the Australian National University (ANU), I write in strong support of PSV's submission to the Provision of Geological Samples and Laboratory Core Analysis Services tender for PETRONAS Carigali Sdn. Bhd.

The ANU is pleased to collaborate with PSV as its strategic partner, providing advanced laboratory and technical services under the Digital Core Analysis (DCA) and CCS Geology scope of work. This partnership draws upon over two decades of internationally recognised research and commercialisation success in 3D imaging, digital rock physics, and petrophysical analysis.

The ANU will provide advanced laboratory services and analysis capabilities under this scope, including but not limited to:

- High-resolution micro-CT imaging at multiple scales: from full plug (1.5") screening and ROI scans (≥5 micron), to helical and nano-resolution scans (<100 nm), including imaging under in situ pressure and temperature conditions
- Imaging and analysis of fragments/cuttings, including specimen preparation and micron-resolution scanning
- Wet-state micro-CT analysis, incorporating sample saturation with tracer fluids and plasma cleaning
- 3D image reconstruction, segmentation, and quantitative phase identification
- Pore and grain partitioning, including texture/morphology metrics and modeling of sub-resolution pore structures
- Computation of digital petrophysical properties: porosity, permeability (Kv/Kh), electrical properties (F, m, n, RI), NMR response, and capillary pressure (primary drainage/imbibition)
- Multiphase flow simulations, including synthetic relative permeability curve generation across different wettability conditions
- Comprehensive reporting, including raw data submission and interpretive documentation.

These capabilities are housed within ANU's National CT Facility. This is a world-class imaging and analysis facility, originally established through strong industry collaborations, including the Lithicon spin-out—Australia's leading commercial digital core analysis company. The facility is supported by a multidisciplinary

TEQSA Provider ID: PRV12002 (Australian University)
CRICOS Provider Code: 00120C

**Polygon Synergy Ventures Sdn Bhd &
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Flags: Malaysia and Indonesia.

Logos at the bottom: SPE 2024, SPE 2025, SPE International, SPE Student Chapter, Islamic University of Riau SPE Student Chapter, Society of Petroleum Engineers Kuala Lumpur Section, Terengganu Section, RESERVOIR LINK, POLYGON SYNERGY VENTURES, SUSTAINABLE DEVELOPMENT GOALS, 4 QUALITY EDUCATION, 7 AFFORDABLE AND CLEAN ENERGY, 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE, 17 PARTNERSHIPS FOR THE GOALS.

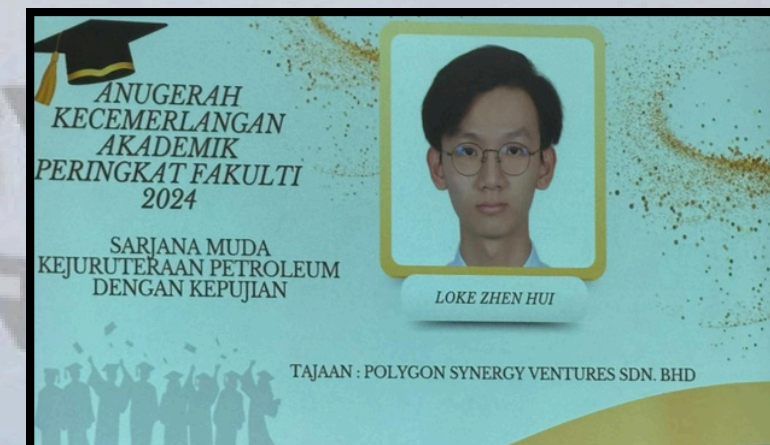
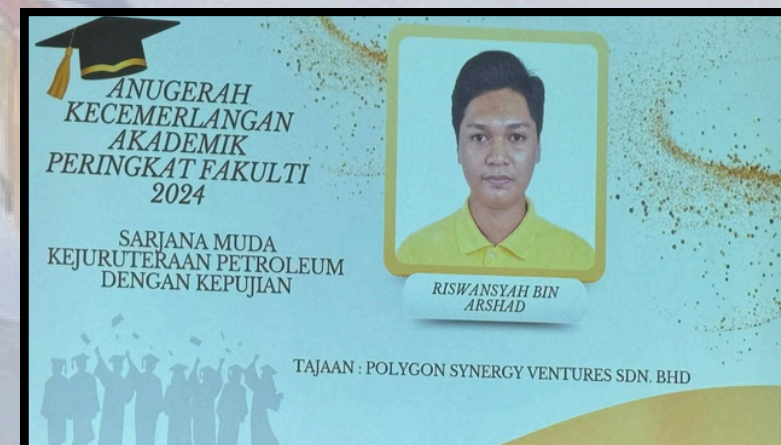


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