

INSTEP Fosters Strong Partnership with MTCP in Bringing Experiential Learning to You



Malaysia Technical Cooperation Programme (MTCP)

The Malaysian Technical Cooperation Programme (MTCP) was officially launched on 7 September 1980 at the Commonwealth Heads of State Meeting in New Delhi, India, to signify Malaysia's commitment to the South-South Cooperation, in particular, the Technical Cooperation among Developing Countries (TCDC).

The MTCP emphasizes on the development of human resources through the provision of training in various areas which are essential for a country's development such as agriculture, economy, finance, public management and administration, science & technology and ICT, health diplomacy, safety and security including cyber security, cultural diplomacy, social development, environment-related to SDG2030, education, industrial and technical training. Annually, Malaysia offered more than 60 technical and capacity-building programs under the MTCP, which have benefited more than 35,500 participants from 144 countries.

The objectives of MTCP are to share the development experience with other countries, to strengthen bilateral relations between Malaysia and other developing countries, to promote South-South Cooperation (SSC), and to promote technical cooperation among Developing Countries.



Institut Teknologi Petroleum PETRONAS (INSTEP)

Our Winning Formula

Over **40** years of oil and gas technical training experience



More than **130,000** technical workforce trained since 1981



Serving clients from over **35** countries



Learners' Capacity **1,098** learners at a time on a 200-acre campus with integrated facilities



Instructor/Learners Ratio of **1 : 15** 18 principal instructors and 33 instructors



Industry & Technology Driven Technical Learning Solutions

To prepare future-ready global energy workforce, equipped with the right skills of tomorrow

Customised Learning Solutions

Address different learning needs to help learners and clients reach their full potential

Facilities as Testbed

Expanding the learning facilities utilisation to support PETRONAS and the industry research

International Certification

Internationally accredited energy centre with industry experienced instructors, capable of delivering high quality programmes

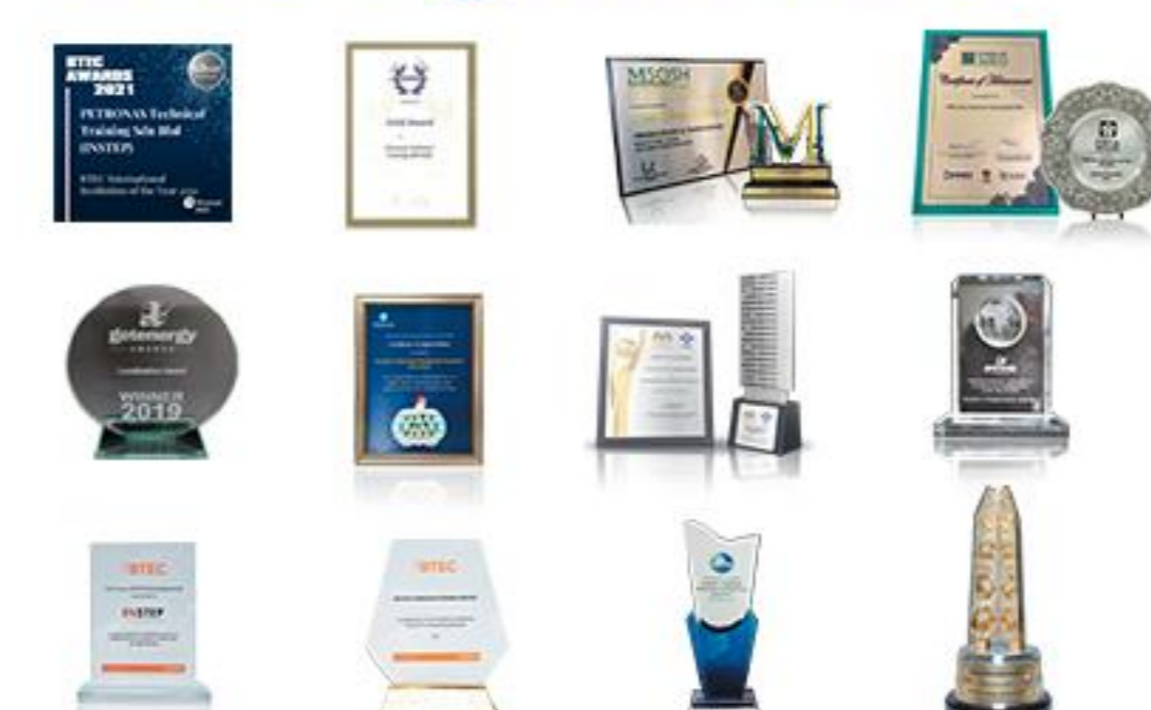
Capability Caretaker

Strengthen and close learners' competency gap

Accreditations & Certifications



Awards & Recognitions



Malaysia Technical Cooperation Programme (MTCP) 2022

Best Practices for Health, Safety and Environment (HSE) and Maintenance Excellence in Oil & Gas Industry



Who Should Apply?

- Engineers
- Government Body
- Technical & Non-Technical Executives in Gas and Petrochemicals Industry.



	Session 01	Session 02
Date	09 – 13 May 2022	18 – 22 July 2022
Time	14:00 – 20:00 (UTC+8)	
Closing Date of Application	08 April 2022	17 June 2022



Virtual Instructor-Led Training (VILT) Microsoft Teams



Scan QR code for INSTEP Website



Scan QR code for Virtual Tour



Programme Outline

- ▶ Introduction to Health, Safety and Environment: Hazard Identification and Risk Assessment
- ▶ Overview of Petroleum Industry: Upstream and Downstream
- ▶ Maintenance Strategies
- ▶ Maintenance of Equipment in Oil and Gas Industry: Mechanical, Electrical and Instrumentation
- ▶ Introduction to INSTEP Upstream Downstream Training Plant (UDTP)

Application Guidelines

- 1 The course fees are **fully sponsored** by the Government of Malaysia.
- 2 Applications should be made using the prescribed MTCP forms available at <https://www.kln.gov.my/documents/8390448/8392184/MTCP+2022+-+APPLICATION+FORM.pdf/31506fe1-acea-44d1-88a2-7b4227e6bd2a>
- 3 MTCP application forms can also be obtained from the nearest Malaysian Embassy/High Commission in recipient countries.
- 4 All application forms must be duly completed and endorsed by the Ministry of Foreign Affairs or National Focal/Aid Coordinator Agency in the respective countries and submitted ONLY through the diplomatic channel via the Embassy/High Commission of Malaysia.
- 5 Only successful applicants will receive the Official Invitation notification one (1) week from the course date, by the Training Institute via email.

Learning Outcomes

- ▶ IDENTIFY fundamental of HSE practice, hazard identification and risk assessment
- ▶ RECOGNISE assets integrity and inspection activities
- ▶ DESCRIBE overview of upstream and downstream activities in oil and gas industry
- ▶ DESCRIBE maintenance activities on mechanical, electrical and instrumentation

Learning Methodology

Interactive Learning



Practical Demonstration

Collaborative Learning

Scenario-based



Lecture-Based Learning



Virtual Instructor-Led Training

Contact Us

Lim Kian Chuan @ Carol
kianchuan.lim@petronas.com
 +6010 918 6328

Nabil Syafiq
nabilsyafiq.noordin@petronas.com
 +6019 218 8038



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