

# THE INTRODUCTION TO PRODUCTION TECHNOLOGY

9 - 12 November 2020 | 4 Days | 5-Star Hotel, Kuala Lumpur

## Program Overview

The course is designed for production technologists, production engineers and petroleum engineers who are looking to develop a better understanding on the Production Technology that plays an important role in the oil and gas industry as it allows productivity and efficiency in producing hydrocarbon resources from the reservoir. Production Technology is a specialty area that requires different technical competencies and skill sets and act as a single point of contact for an entire life cycle of the well assets, from planning, execution, operation, and abandonment. By attending the course, participants are expected to acquire knowledge that will help them to solve their problem better and efficient while ensuring that the production of hydrocarbon reserves are economically reasonable and feasible.

The 4-day training session will be delivered by 2 highly experienced trainers using carefully designed case study exercises which simulate challenging production problem scenarios. The course participants will also have the chance to interact in a collaborating manner in solving the case study exercises. The participants can then bring back this learning to benefit his/her field production.

## Learning Outcomes

- Define the role and contribution of the Production Technology function in an Exploration & Production (E&P) business.
- Understand the interfaces and the varied inter-dependencies with other Exploration & Production (E&P) disciplines.
- Explain how the basic applications of Production Technology tools and techniques work while understanding their related costs and benefits to optimise production at minimum cost.
- Gain knowledge on the applications of Production Technology to ensure optimal and improve production of oil and gas, which includes Well Conceptual Design, Well Performance, Nodal Analysis, Production optimisation, Integrated Asset Modelling, Perforation, Sand Control Design, Artificial Lift and Gas Lift Design, Electric Submersible Pump Design, Stimulation, Fracturing and Complex Well.
- Understand methods to field production optimisation and production forecasting.

## Who should attend?

- Petroleum Engineers
- Production Technologists
- Production Engineers
- Completions Engineers
- Engineering Managers
- Production Managers
- Reservoir Engineers
- Process Engineers

## Course Methodology

- Interactive lectures
- Group Dynamics
- Workshop style
- Case studies
- Q&A

INTRODUCTION TO PRODUCTION TECHNOLOGY IN THE OIL AND GAS INDUSTRY

THE ROLE OF PRODUCTION TECHNOLOGY AND ITS APPLICATIONS IN THE EXPLORATION & PRODUCTION (E&P) STAGE

INTRODUCTION TO WELL CONCEPTUAL DESIGN AND ITS PERFORMANCE (INFLOW AND OUTFLOW), WELL INTEGRITY MANAGEMENT, WELL & RESERVOIR SURVEILLANCE AND WELL INTERVENTION & WORKOVER

THE APPLICATIONS OF PERFORATION, NODAL ANALYSIS, STIMULATION AND FRACTURING IN OPTIMISING THE WELL PRODUCTION AT A MINIMUM COST

THE DESIGN OF SAND CONTROL, ARTIFICIAL AND GAS LIFT, AND ELECTRIC SUBMERSIBLE PUMP TO INCREASE THE EFFICIENCY OF THE WELL PRODUCTION

FUNDAMENTAL OF PRODUCTION OPTIMIZATION AND FORECASTING IN MAKING A BETTER DECISION

### Exclusive Webinar

#### The Role of Production Technology in The Low and High Oil Prices

Presented by:  
Thierry Wee  
Principal Production Technologist  
Graeme Rae  
Production Technology Advisor  
28 July 2020  
Zoom

ANSWERS SESSION  
MINUTES

**PACEUP**  
Oil & Gas Training Solutions  
paceupmalaysia

Authority

Doctor

Gather Data

Well Surveillance & Monitoring



### THIERRY WEE

- Founder & Managing Director at Invigour Energy
- Chartered Petroleum Engineer (ECUK) with 17 years of experience in oil and gas industry
- Principal Production Technologist
- Subject Matter Expert: Integrate Production Modelling, Real-time Monitoring and Optimisation
- Course trainer for: Practical Oilfield Integrated Production Modelling, Gas-Lift Field Optimisation, Integrated Prod. System Analysis, Prod. Enhancement Level 2, Artificial Lift, Advanced Well



### GRAEME RAE

- 32 years of industry experience
- Former Head of Petroleum Engineering and Production Technology Advisor across all of Petrofac Malaysia assets, including PSC and RSC projects
- Former Head of Well Technology, Talisman Malaysia
- Technical Authority for wells, short term forecasting, Well Delivery Process development, and engineer competency assessment.
- Leading near field appraisal activities including reserves assessment, concept development, and economic screening.

## TRAINING DETAILS

Title : The Introduction to Production Technology

Date : 9 - 12 November 2020

Venue : 5-Star Hotel, Kuala Lumpur

Group	Normal
RM <b>13,800.00</b> / pax	RM <b>14,800.00</b> / pax
Come in group with minimum of 3 participants	Advance your performance by registering before 30 October 2020

## PARTICIPANTS

Name : .....  
Job Title : .....  
Telephone : .....  
Email : .....

Name : .....  
Job Title : .....  
Telephone : .....  
Email : .....

Name : .....  
Job Title : .....  
Telephone : .....  
Email : .....

Note : Please attach a list of participants if  
insufficient space.

## AUTHORISATION

Name : .....  
Job Title : .....  
Telephone : .....  
Email : .....

## ORGANISATION

Name : .....  
Telephone : .....  
Fax : .....

## SEND INVOICE TO

Department : .....

Address : .....  
.....  
.....


## IN HOUSE TRAINING SOLUTION

☐ Yes, I would like to organise this training course in-house and save up to 50% of total course fees! Please send me more information.

## PAYMENT DETAILS

1. Participants are required to pay before or on the first day of the course.

2. (Please Tick Where Applicable)

- ☐ Cheque made payable to  
Pace Up Sdn. Bhd.
- ☐ Credit Card  **PayPal**
- ☐ Bank Transfer : Pace Up Sdn. Bhd.  
Sdn. Bhd. Bank : Malayan Banking Bhd.  
Bank Address : Taman Setiawangsa Branch,  
Wisma Prima Peninsular,  
2, Jalan Setiawangsa 11,  
Taman Setiawangsa,  
54200 Kuala Lumpur

Account No. : 562188319491

Swift Code : MBBEMYKL

(All bank charges to be borne by payer.  
Please ensure that Pace Up receives  
the full invoiced amount.)

3. We do not give refunds for cancellations.  
However, you may substitute participant (s) at any time.
4. If we receive cancellations in writing more than (7) days before the training course, you will receive a 100% credit (valid for one year) to be used for another training course.
5. Cancellations received less than seven days before to the training course may result no credit for future training.
6. If we postpone training course, participant payments for the postponed course will be 100% credited towards the course at a rescheduled date.
7. We shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed.

Please complete this form and fax to **+603 4256 9286** or,  
scan and email to **nik@paceup.com.my**

For more info, please call **Nik** at **+603 4265 5858**