

INTRODUCTION

UTP was established with the objectives of producing well-rounded graduates who possess technical competence, lifetime learning capacity, critical thinking, communication and behavioral skills, business acumen, practical aptitude and solution synthesis ability.

Currently, UTP offers eight programmes at the undergraduate level, namely, Chemical Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Civil Engineering, Petroleum Engineering, Petroleum Geoscience, Information & Communication Technology and Business Information Systems.

In order to achieve its objectives, UTP is aware that its students can enhance their knowledge not only from their course lecturers but also from industry practitioners who are experts in their respective fields. As such, UTP has embedded in its educational delivery a program where industry experts can share their experience with the students through a short lecture series.

OBJECTIVES

The main aims of appointing Adjunct Lecturers/Professors are as follows:

- To integrate industry experience and practices into the university curriculum.
- To provide students with a better understanding of real-life situations in their professions.
- To synergise the resources available in industry especially within the PETRONAS group of companies.
- To allow more active participation of industry practitioners in training and education.

BENEFITS

To Universiti Teknologi PETRONAS

- Ability to add value to UTP's course content
- Ability to realize our country's aspiration to become the centre of education excellence in this region
- Enhance industry-university partnership
- Broaden the networking between academicians and industry experts

To Industry

- Enhance the companies' image and role in education
- Platform to share expertise and experience
- Broaden the networking between academicians and industry experts
- Graduates who are industry savvy

CRITERIA OF ADJUNCT LECTURER/PROFESSOR

Adjunct lecturers are industrial practitioners that hold important positions in their respective companies. There are two different criteria for Adjunct Lecturers and Adjunct Professors :

Appointment

1.

An industrial practitioners but with a minimum qualification of an Honours B

2.

The appointment duration is TWO (2) years and Universiti Teknologi PET

3

Candidates could be Malaysian or international citizen but must be from I

4

Appointment of Adjunct Lecturer is subjected to Adjunct Lecture Committe

Duties

5.

Teaching

- A minimum of TWO (2) hours per visit.
- Impart their professional industrial experience to complement/improve the existing University's curriculum.
- Give talks/lectures/seminars to students, staff and other PETRONAS employees.

6.

Research

- Encouraged to identify and assist in research projects
- Assist in collaboration with the industry where Adjunct Lecturer's area of expertise or other related

7.

Supervision

- Encouraged to co-supervise at least ONE (1) PhD student.

8.

Promotion of UTP

- Enhance industry-university partnership and broaden networking between industry-university.
- Introduce at least ONE (1) new industry for collaboration and internship placement.

9.

Render expertise in the consultancy work undertaken by UTP.

10.

Perform any other appropriate duties as determined/requested by the university.

Adjunct Professor Term of Reference

Appointment

1.

An industrial practitioners but with a minimum qualification of an Honours B

2.

The appointment duration is TWO (2) years and Universiti Teknologi PET

3.

The appointee can use the title of Professor (Adjunct Lecturer) during the

4.

Candidates could be Malaysian or international citizen but must be from I

5.

Appointment of Adjunct Professor is subjected to the University Academic

Duties

6.

Teaching

- Share expertise in teaching UG and/or PG students.
- Impart their professional industrial experience to complement/improve the existing University's curriculum.
- Give talks/lectures/seminars to students, staff and other PETRONAS employees.
- Expected accumulative of the above activities is at least 2 visits or 8 hours per semester.

7.

Research

- To be appointed as Co-PI research projects.
- Evaluate the industrial relevance and suitability of the research projects being carried out in UTP, v
- Assist in collaboration with the industry where Adjunct Professor's area of expertise or other relate

8. Supervision

- Co-supervise at least ONE (1) Master or PhD student.

9.

Promotion of UTP

- Enhance industry-university partnership and broaden networking between industry-university.
- Introduce at least ONE (1) new industry for collaboration and internship placement.

10. Render expertise in the consultancy work undertaken by UTP.

11. Perform any other appropriate duties as determined/requested by the uni

12. The Adjunct Professor should provide and submit a performance report to

INCENTIVES FOR ADJUNCT LECTURER/PROFESSOR

When serving at UTP, Adjunct Lecturers/Professors are entitled to.

- Honorarium
- Traveling
- Hotel
- Meal Allowance

AREAS OF INTEREST

Control Systems

Intelligent System

Power System

Instrumentation

Digital System

Image/Signal Processing

Communication

Process Control

Microprocessor

Measurement

Digital/Analogue Electronics

Wireless Technology & Communication

Software Engineering/Agents

Artificial Intelligence

Computer / Net. Security

Virtual Reality

Computer Graphics

Visualization

3G/4G Technology & Application

Software Development

G.I.S

Algorithm & Program Efficiency

Database Development & Administration

Management Information System

Internet & Web Design/Application

IT Project Management

Multimedia

E-Business / E-Commerce

Object Oriented Design & Analysis/Programming

Engine Design & Development

Internal Combustion Engine

Engineering Materials/Composite

Engineering Design/CAE

Process Engineering

Inspection Engineering

Energy Audit/Balance

Plant Operation & Maintenance

Refrigeration & Air-Conditioning

Automation & Robotics

Fluid Dynamics

Manufacturing Technology

Mechatronics

Energy

Structural Mechanics

Pipeline Design

Reaction Engineering

Separation Process

Gas Transportation & Distribution

Catalyst

Polymer Material

Fluid Transportation

Gas Processing

Construction Technology

Hydraulics

Geotechnical Engineering

Wastewater Engineering

Highway Engineering

Safety Management

Construction Management

Environmental Engineering

Offshore Structures

Project Management

Plant Management

Knowledge Management & Intellectual Property

Entrepreneurship

International Business

Communication and Writing Skills

Financial Management

Economics

Accounting

Investment

Ethics and Professionalism

Click [here](#) for list of Adjunct Lecturer

For more info in Adjunct Lecturer Programme, please contact the following personnel :

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