



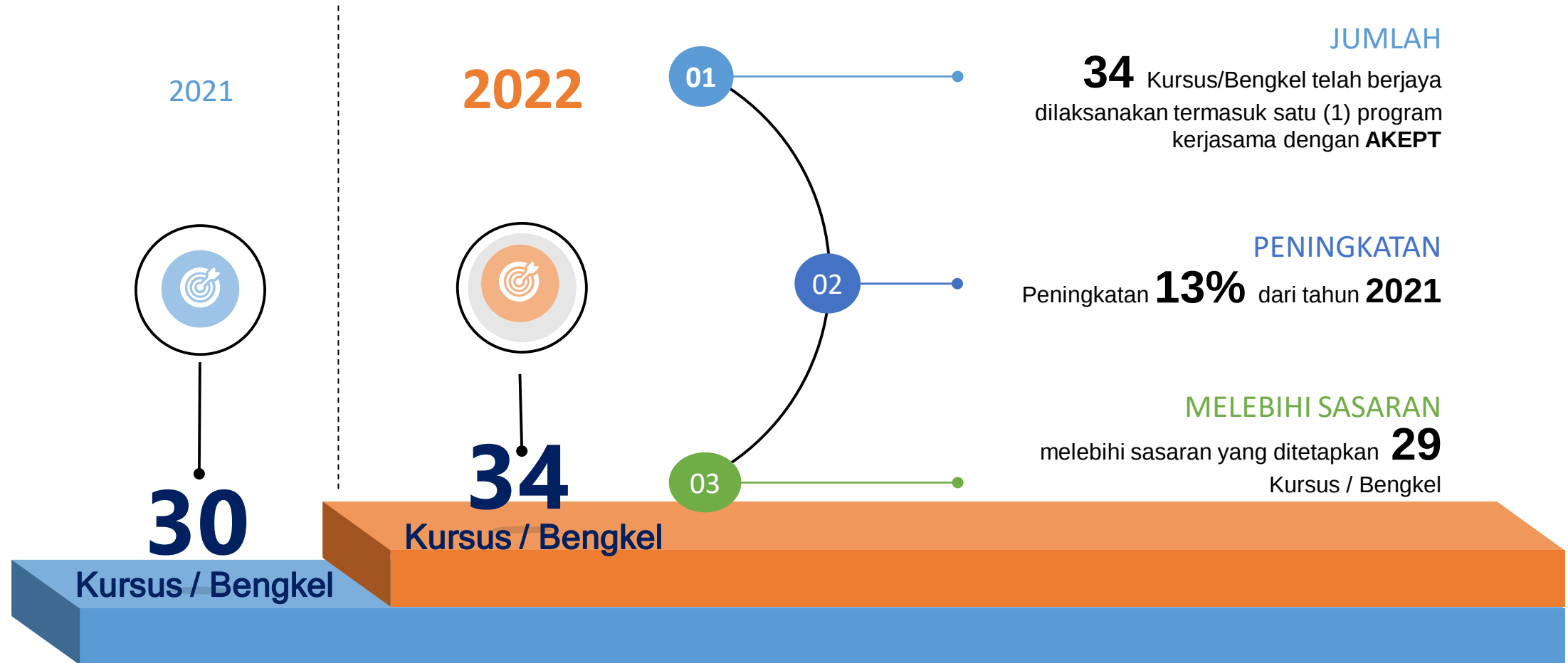
PENCAPAIAN 2022
PUSAT KECEMERLANGAN DAN KESARJANAAN AKADEMIK

Jumlah Keseluruhan

Kompenen Utama



Pencapaian Kursus/Bengkel 2022

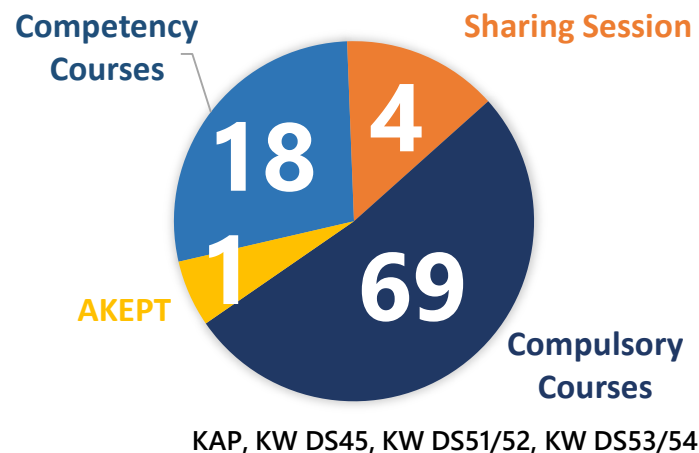


Total Training

34

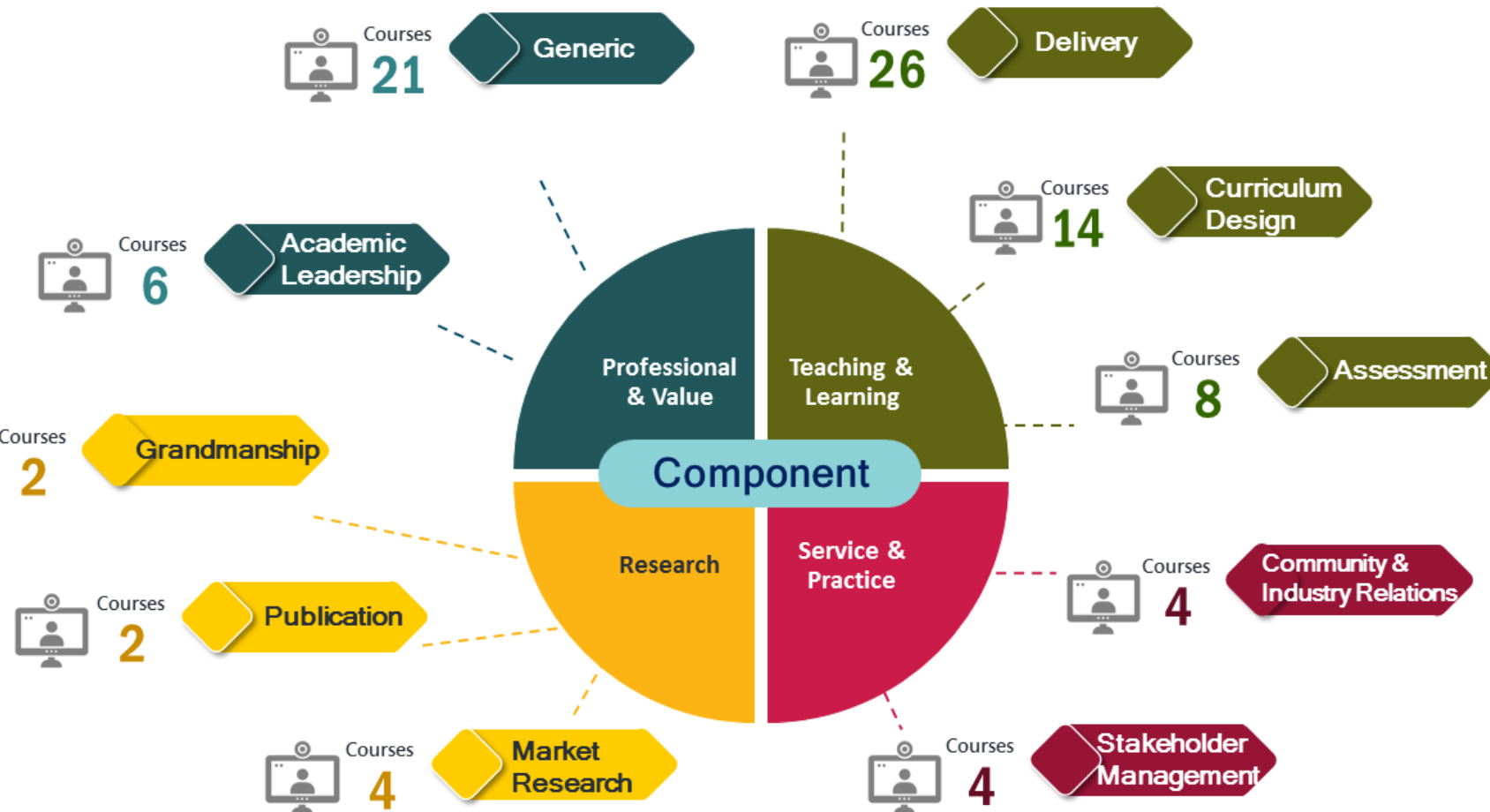
Total Courses

91



Module Level

Basic	66
Intermediate	16
Advanced	9



Ringkasan kursus/bengkel anjuran CAES sepanjang tahun 2022

Flagship Training

Kursus Asas
Pengajaran dan
Pembelajaran (KAP)



01

21st Century Education
& Pedagogical Content
Knowledge

•



04

Pembangunan Modul
Microcredential

•



05

Work Based-Learning

•



07

08



Kursus Wajib
DS45, DS 51/52,
DS53/54



SULAM



Teaching Portfolio



TVETgogy

Jumlah kehadiran Peserta

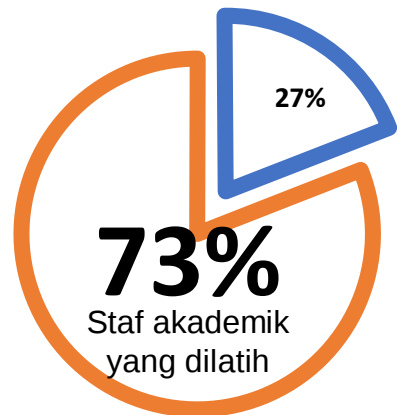


34

Kursus / Bengkel

142

Jumlah kehadiran
kursus / bengkel
sepanjang 2022



625

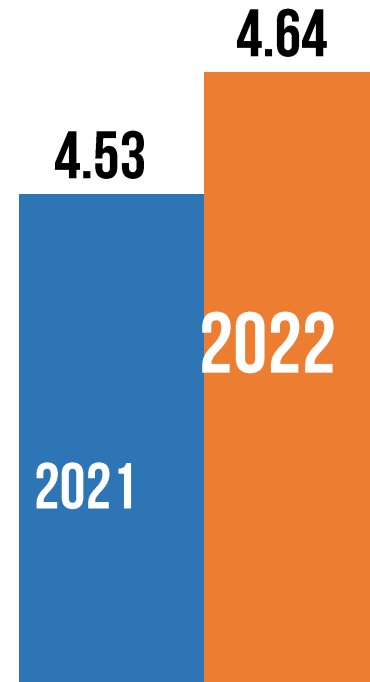
Jumlah staf akademik
menghadiri kursus
sepanjang 2022

Jumlah staf akademik
(aktif)

852

Penilaian Pengajaran

Skor Purata Penilaian Pengajaran



Penilaian Pengajaran adalah mekanisme bagi mengukur tahap kompetensi pengajaran **staf akademik**. Ianya dinilai oleh **pelajar**.

*Skor purata penuh adalah 5.0

AKEPT Global Series: Leadership Expert Dialogue: “Leadership in TVET: Challenges & Opportunities”



19 OCT 2022
2.30-5.00 PM (GMT+8, KUALA LUMPUR, MALAYSIA TIME)

UTeM **MINISTRY OF HIGHER EDUCATION** **AKEPT** **HIGHER EDUCATION LEADERSHIP ACADEMY**

AKEPT GLOBAL SERIES
Leadership Expert Dialogue

LEADERSHIP IN TVET

OPENING REMARKS
Y.BHG. PROFESSOR TS. DR. MASSILA KAMALRU DIN
VICE CHANCELLOR
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

WELCOMING REMARKS
Y.BHG. DATO' PROFESSOR DR. NASRUDIN BIN MOHAMMED
DIRECTOR
HIGHER EDUCATION LEADERSHIP ACADEMY (AKEPT)

Challenges and Opportunities

REGISTER NOW!
<https://bit.ly/3CV2f1g>

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AKEPT GLOBAL SERIES
Leadership Expert Dialogue

LEADERSHIP IN TVET

PANELIST
PROFESSOR DR.-ING. DIETER STOLLE
UNIVERSITY OF APPLIED SCIENCES HANNOVER
GERMANY

PANELIST
PROFESSOR DR. ZULKIFLI IBRAHIM
DEPUTY VICE CHANCELLOR
(ACADEMIC & INTERNATIONAL)
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

PANELIST
CHE SAIWAN ENCHE MOHD NOOR
REGIONAL HEAD OF TVET
CARSONE ACADEMY
MALAYSIA

MODERATOR
ASSOCIATE PROFESSOR
DR. MOHD SHARIF MD SAAT
DIRECTOR, CENTRE FOR ACADEMIC
EXCELLENCE & SCHOLARSHIP
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Challenges and Opportunities

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❑ Akademi Kepimpinan Pendidikan Tinggi (AKEPT) dengan kerjasama Universiti Teknikal Malaysia Melaka (UTeM) akan melaksanakan program *AKEPT Global Series: Leadership Expert Dialogue* bertajuk “*Leadership in TVET: Challenges & Opportunities*”.

❑ Tarikh: 19 Oktober 2022 (Rabu)

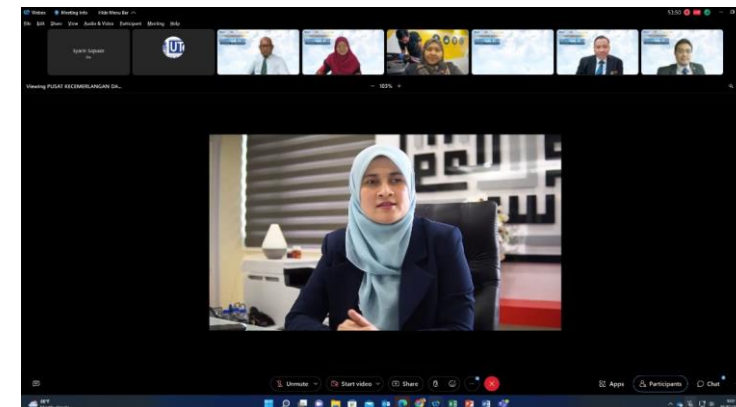
Masa: 2.30 – 5.00 petang

Platform: Webex

Saluran Siaran Langsung: Facebook | @AKEPTMalaysia & @MyUTeM

❑ Kepentingan Pendidikan dan Latihan Teknikal dan Vokasional (TVET) telah diberi banyak penekanan sejak kebelakangan ini malah telah diketengahkan dalam dua Rancangan Malaysia yang lepas dan Pelan Pembangunan Pendidikan Malaysia 2013-2025 (Pendidikan Tinggi). Namun begitu TVET menghadapi isu penjenamaan kerana masih ramai yang menganggap TVET sebagai laluan untuk mereka yang kurang menyerlah dalam akademik.

❑ Forum kali ini mengetengahkan cabaran utama yang memerlukan lonjakan kepimpinan, juga usaha dalam menggalakkan perkongsian bagi menyokong dan merangsang inovasi serta merapatkan jurang antara keberhasilan pendidikan dan keperluan pasaran buruh. Program ini menyasarkan pemimpin institusi pengajian tinggi, wakil industri, usahawan, penggubal dasar, penyelidik, pelajar dan pendidik khususnya dalam bidang TVET. Profesor Dr. Zulkiflie bin Ibrahim, Timbalan Naib Canselor (Akademik & Antarabangsa) telah dijemput selaku salah seorang panel untuk program ini.





Profesor Ir. Dr. Kenneth Sundaraj

Tarikh: 23 Mac 2022

Tempat: Dewan Kuliah FKP, UTeM

Tajuk: *“Crosstalk in Mechanomyography Signals Findings from The Forearm Muscles”*



Profesor Ir. Dr. Kenneth Sundaraj

Tarikh: 1 Ogos 2022

Tempat: Auditorium Canselor

Tajuk: *“Improving Technical Product Quality Through Requirements Engineering”*

Latihan Yang Dianjurkan Kepada Staf Akademik

TEACHING AND LEARNING FOR WORK-BASED LEARNING (WBL) INDUSTRY COACHES AND COORDINATORS

Bachelor of Technology in Industrial Machining with Honours
Bachelor of Technology in Welding with Honours

COMPONENT Teaching & Learning **COMPETENCY** Delivery **MODULE** Basic **LIVE ON** webex

7 April 2022 (Thursday) 11.00 am - 1.00 pm

SYNOPSIS
This course is compulsory for every Industry Coach (IC) and Industry Coordinator (PI) who will implement WBL academic program. Each IC and PI will be exposed to the basis of teaching and learning mainly from the aspects of curriculum structure, planning, delivery and assessment. This is essential for WBL course implementation based on the requirements of IPT, MQA and UTeM standards and guidelines.

Speaker
Dr. Hyein Anwar bin Kasdirin
Assoc. Prof. Dr. Dr. Sazaliyeh bin Razali
Assoc. Prof. Dr. Dr. Mohd Hadeley bin Abu Bakar
Dr. Mohd Duffin bin Ab Raz
Dr. Khairul Anwar bin Ibrahim

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ITEM DEVELOPMENT FOR HIGH QUALITY ASSESSMENT

11 April 2022 (Monday) 9.00 am - 12.00 noon

COMPONENT Teaching & Learning **COMPETENCY** Assessment **MODULE** Basic **LIVE ON** webex

SYNOPSIS
Academic assessment and evaluation should be guided by the learning outcomes of each course. Preparation of high-quality items is required to create a fair, valid, and reliable assessment. It involves the ability to accommodate the measured contents, fulfilling the assessment stakeholders and the purpose of the assessment. The developed items should align constructively with the learning outcomes and the delivery of the course contents. Consideration of the cognitive, psychomotoric, and affective taxonomies is essential in writing items for the identified assessment purposes. For example, a Higher Order Thinking Skill (HOTS) and open-ended types of questions. This course aims to improve the participants' skills at designing high-quality items for both formative and summative assessments. The contents provide the concepts necessary to understand the item development process, with an emphasis on identifying item and assessment purposes, item types, response space, assessment strategies, and item specifications. This course consists of a lecture session by an invited speaker, followed by practical sessions, which will be led by the Deputy Dean (Academics) of each Faculty/Center/Institute.

Speaker
Prof. Dr. Zamri bin Jamaludin
Dr. Khairul Anwar bin Ibrahim

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EFFECTIVE VETTING AND MODERATION PROCESS FOR CREATING HIGH-QUALITY ASSESSMENT ITEMS

20 April 2022 (Wednesday) 9.00 am - 12.00 noon

COMPONENT Teaching & Learning **COMPETENCY** Assessment **MODULE** Basic **LIVE ON** webex

SYNOPSIS
Vetting and moderation of assessment items is essential process for academic quality assurance. It facilitates consistency and reliability in the assessment of students' learning performance. Moderation helps the University to ensure that assessment items (such as examination papers) are vetted so that they align with the intended learning outcomes and other quality requirements as specified by accreditation bodies, such as MQA, EAC, ETAC and MBOT. This course aims to enhance participants' understanding on the basic concepts, strategies, and principles of vetting and moderation processes; criteria of a good vetting and moderation of assessment items; best practices, as well as issues and challenges.

Speaker
Assoc. Prof. Dr. Dr. Che Maznah Binti Mat Isa
Dr. Khairul Anwar bin Ibrahim

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Development of Microcredential Course Series

JUNE 21 Tuesday 8.30 am - 4.30 pm
JUNE 22 Wednesday 8.30 am - 4.30 pm
JULY 26 Tuesday 8.30 am - 4.30 pm
AUGUST 23 Tuesday 8.30 am - 4.30 pm

PART 1: THEORIES AND FUNDAMENTALS OF ONLINE LEARNING
Speaker : Ts. Dr. Ahmad Sharizan Bin Shauzan (PSTP)
Facilitator : Dr. Mohd Adli Bin Norazikin (PSTP)
Venue : Learning Lab CAES, Campus Technology

PART 2: CURRICULUM DESIGN AND DEVELOPMENT OF MICROCREDENTIAL COURSES
Speaker : Assoc. Prof. Dr. Dr. Azma Puzia (PGM)
Facilitator : Dr. Zakiah Binti Abd Halim (PGM)
Venue : Learning Lab CAES, Campus Technology

PART 3: WORKSHOP ON CONSOLIDATION AND MONITORING OF MICROCREDENTIAL COURSES DEVELOPMENT
Speaker : Ts. Dr. Ahmad Sharizan Bin Shauzan (PSTP)
Facilitator : Dr. Mohd Adli Bin Norazikin (PSTP)
Venue : Learning Lab CAES, Campus Technology

PART 4: WORKSHOP ON DEVELOPMENT OF SELF INSTRUCTION MATERIAL (SIM)
Speaker : Ts. Dr. Ahmad Sharizan Bin Shauzan (PSTP)
Facilitator : Dr. Mohd Adli Bin Norazikin (PSTP)
Venue : Learning Lab CAES, Campus Technology

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KURSUS ASAS PENGAJARAN DAN PEMBELAJARAN (KAP)

SIRI 1 27 & 28 JUN 2022 ISNIN & SELASA
SIRI 2 29 JUN - 1 JULAI 2022 RABU - JUMAAT
SIRI 3 4 & 5 JULAI 2022 ISNIN & SELASA

8.30 pagi - 4.30 petang

Active Learning Room CAES, Makmal 1, Kampus Teknologi, UTeM

Anjuran:
Pusat Kecemerlangan dan Kesarjanaan Akademik
CAES

Utilisation of Ubiquitous Technology: Quality Vs Quantity

Abstract - The relationship between ubiquitous technology (to teach) use and learners outcomes, the quality of use—how much technology is used. This argument was exemplified by an empirical study that used both angles to examine the association between use and student outcomes. When only the quantity of use was examined, no significant association was observed. However, when the quality of use was examined by investigating the specific types of technology use, a significant association was identified between technology use and all student outcomes. Furthermore, different types of use showed different influences on specific student outcomes. General use was positively associated with student technology proficiency, while subject-specific technology use was negatively associated with student technology proficiency. Social communication technology use was significantly positively associated with developmental outcomes such as self-esteem and positive attitude towards school. Entertainment/education technology use showed significant positive association with student learning habits. None of their technology use had significant influence on student academic outcome. Specific suggestions for integrating technology into schools and future research were provided.

Dr. Mukti Binti Sedek is a senior lecturer at Universiti Teknikal Malaysia Melaka (UTeM), Malaysia. She has more than 10 years of experience in teaching language and utilising modern technologies for teaching and learning. She is a highly adaptable professional with a commitment to all aspects of students learning. Dr. Mukti is also an expert in the area of educational technology and language learning.

She participates in training opportunities and initiatives at her institution and provides support to students and other colleagues. She also collaborates with other faculty members on cross-curricular plans. One of that, she serves as students advisor, offers academic, social and emotional support, as well as utilises students' interests to plan meaningful learning experiences especially with the utilisation of ubiquitous technology.

September 10, 2022 | Saturday 10:30AM - 12:00 PM

Scan the QR code to register or go to bit.ly/3e3sh5n
For inquiries, please contact: +601-891 0954 (Ms. Sugumaran)

E-Certificate will be provided

SCHOLAR'S TALK SERIES 1/2022

THE JOURNEY OF SUPERVISORS: FROM NOVICE TO EXPERT

1 September 2022 (Thursday) 9.00 am - 11.00 am

COMPONENT Professional & Value **COMPETENCY** Generic **MODULE** Level Basic **LIVE ON** webex

SYNOPSIS
Supervisor is a well-defined interpersonal relationship between the thesis supervisors and their students. Supervisors are designated to assist students' development in terms of their thesis, research project and other academic activities. Supervisors are expected to train students to gain competence in areas such as specialist skills, general skills, soft-skills, and group/team skills. Being a fruitful supervisor and able to share the expertise of their interaction with the students is absolutely a noble thing to do. It seems that the core variable in the expertise process is the conceptualisation of the supervisor and efforts to acquire the capacity to respond to the students and academic needs. This will help them to promote their professional behavior in research supervision. Thus, this sharing aims to explore the processes of supervision and guidance among these supervisors based on the experience of faculty members and students. The sharing will end with the conclusion of how the identified themes enable supervisors to develop from novice to expert along with the cohesiveness relationship with their students.

Speaker
Professor Ts. Dr. Zulfad Ahmad Zukarni
Deputy Dean, School of Graduate Studies, Universiti Putra Malaysia (UPM)

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SCHOLAR'S TALK SERIES 2/2022

DEVELOPING RIGHT ATTITUDE TOWARDS ACADEMIC EXCELLENCE: EXPERIENCE THE JOY OF LEARNING

13 October 2022 (Thursday) 9.00 am - 11.00 am

COMPONENT Professional & Value **COMPETENCY** Generic **MODULE** Level Basic **LIVE ON** webex

SYNOPSIS
The COVID-19 pandemic is a stress test for education systems of over the world. It is also an opportunity to assess income globally. Some countries including Malaysia have responded in innovative ways, whether by rethinking existing digital resources or by developing their own resources from scratch. The hope of joy and education is not new, but striving back to good academic seems more critical now than ever. As our students return to full immersion learning, lecturers have changed themselves to begin to reimagine more equitable joyful experiences for our students. For the learning does not imply a lack of challenge or lack of an institutional face. It means reimagining experiences that can invite our students to learn, learning and to love their universities. These experiences can be meaningful, relevant, and empowering! Teaching and learning are inseparable for most lecturers, making our students experience joy in the learning process is the biggest reward we could ask for. Thus, how do we, lecturers find joy in teaching? We find joy when our students find joy in the process of engaging in meaningful work and having visible outcomes of the difference we make in the lives of our students in what we teach. Dr. Jafar, member UAGS-Geoffrey, Linc, Academic, Dynamic and Inspiring.

Speaker
Professor Dr. Mita Karti
Deputy Dean, School of Graduate Studies, Universiti Malaysia (UM)

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INNOVATIVE PEDAGOGIES AND ACTIVE LEARNING: THE FUTURE OF HIGHER EDUCATION

27 September 2022 (Tuesday) 8.30 am - 4.30 pm

UteM Hall 1, Technology Campus, UTeM

Speaker
ASSOC. PROF. DR. NURULHAZAH BINTI ABD RAHMAN
Associate Professor, Faculty of Science, Universiti Pendidikan Sultan Idris (UPSI)

Facilitator
DR. MUKTI BINTI SEDEK
CAES, UTeM

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KURSUS KAEDAH PENTAKSIRAN ALTERNATIF INOVATIF

BERSEMPENA BULAN AKADEMIKA TAHUN 2022

31 Oktober 2022 (Isnin) 9.00 pg - 5.00 pg

COMPONENT Teaching & Learning **COMPETENCY** Design **MODULE** Level Intermediate **LIVE ON** webex

SYNOPSIS
Kursus ini akan menyediakan kepada peserta tentang kaedah pentaksiran alternatif yang dilaksanakan oleh model pentaksiran alternatif dalam pengajaran. Kaedah ini akan membantu peserta dalam pengiraan masa untuk pentaksiran alternatif ini juga merupakan aspek kreatif, reka bentuk, reka bentuk, dan sebagainya yang akan membantu dalam pentaksiran masa pembelajaran.

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E-Certificate will be provided

KURSUS PEMANTAPAN OBE BERDASARKAN PROGRAM STANDARD MQA / EAC / ETAC

19 September 2022 (Isnin) 8.30 pg - 4.30 pg

Dewan UTeM 1, Kampus Teknologi, UTeM

Speaker
8.30 pg - 12.30 pg
PROF. MADA DR. HADYAT BIN ZAINUDDIN
Fakulti Kejuruteraan Elektrik, UTeM

Facilitator
2.30 pg - 4.30 pg
DR. HYEIN ANWAR BIN KASDIRIN
Pusat Penyelidikan dan Pengajaran Akademik, UTeM

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THE DUAL EDUCATION SYSTEM IN INDUSTRIAL AND ACADEMIC EDUCATION IN GERMANY

17 November 2022 (Thursday) 10.30 am - 11.30 am

UteM Hall 1, Technology Campus, UTeM

Speaker
PROFESSOR DR. ING. DIETER STOLLE
University of Applied Sciences Hanover, Germany

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