



WERKFORCE *iCATS*

Talent Development,
Our Commitment

The Official Newsletter of Sarawak Skills Development Centre

PPK453/05/2014(033875)

www.ppk.edu.my / www.icats.edu.my

VOL. 79 JULY - SEPT 2019



Sarawak Skills' Silver Jubilee Celebration



Sarawak Skills
Development Centre
Silver Jubilee 1994 - 2019

Sarawak Skills: Celebrating 25 Years
of Excellence!

04-05

Educational Talk: STEM

06

Memorandum of Understanding (MoU) between
Sarawak Skills & Senari Synergy Sdn. Bhd.

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HOW TO REACH US?

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Published by:

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Jalan Canna, Off Jalan Wan Alwi, Tabuan Jaya
93350 Kuching, Sarawak

Printed by:

PPKS Production Sdn. Bhd.

Jalan Canna, Off Jalan Wan Alwi, Tabuan Jaya
93350 Kuching, Sarawak
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We are pleased to release the July to September 2019 issue of WORKFORCE, the official newsletter of Sarawak Skills Development Centre. It features updates on events and happenings in Sarawak Skills.

Executive Director's Perspective



Although we have much to celebrate, we must urgently map out our long-term action plan for the next twenty-five years and beyond. What lies ahead for Sarawak Skills Development Centre and its stakeholders?

We need to reflect on our performance and achievements of the past 25 years. Is Sarawak Skills a leader in providing technical training? Are we satisfied with our achievements? Are we still relevant to the industries, especially our members?

The combination of stability, performance and flexibility is a decisive factor for ensuring customer satisfaction in our services. As an education and training provider, Sarawak Skills aims to enjoy an outstanding reputation for quality and reliability among its customers. High quality is the result of development capability, technical capability, character building capability as well as quality control capability, cultivated over the years. We must always live up to our core values in words and deeds.

Sarawak Skills has pioneered many skills enhancement programmes since its inception 25 years ago and we will continue to facilitate workforce transformation and development for the state of Sarawak.

As the industry develops, so will our training programmes. By making them consistent with the world of business and technology, we will make them relevant to a wider group of trainees. We have to come up with new ideas to add value to our current products and services so as not to lose the ground that has been gained. In order to keep up with the current trends, the need to eliminate current programmes or services to create new products and seek new potentials might have to be considered.

The years ahead may be a bumpy ride which may pose a challenge to us when we have to contemplate and plan our future not only to support the government's human capital development aspirations but also to align with the ever-evolving current global trends.

A handwritten signature in black ink, appearing to read 'Hallman', written in a cursive style.

HALLMAN HAJI SABRI

Executive Director
Sarawak Skills Development Centre



EVENT

Sarawak Skills: Celebrating 25 Years of Excellence!



Cake Cutting Ceremony: 2019 Is a Special Year for Sarawak Skills and Its Stakeholders!

Sarawak Skills Development Centre's New Logo



Sarawak Skills

DESCRIPTION

1. The green colour represents life, renewal, nature, and energy associated with growth, harmony and sustainability.
2. The interconnected lines around the globe symbolize Sarawak Skills' networking and collaboration with the best talent development fraternities in the digital economy.
3. The letters "SS" in the middle stands for Sarawak Skills. The shape represents unity, striving for excellence as we stand together with our stakeholders.
4. The constellation of 15 glowing dots represents the 15 founder members of Sarawak Skills.

Sarawak Skills 25th Anniversary Dinner: An Opportunity to Reflect on a Voyage of Excellence and Chart the Way Forward - 'Talentism Intensified in the Digital Era'

2019 is a special year for Sarawak Skills and its stakeholders; this year marks its Silver Jubilee! The 'Main Event' during the quarter was the Sarawak Skills 25th Anniversary Dinner on 23 August 2019. Held at the Riverside Majestic Hotel in Kuching, the highlight of the dinner was the launch of Sarawak Skills' new corporate logo by the guest of honour, The Right Honourable Datuk Patinggi (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg, Chief Minister of Sarawak.

In his address, The Right Honourable Chief Minister highlighted, "We need more of our youths to be well equipped with high tech skills and knowledge as we want local talents to spearhead Sarawak's development and progress. It is my hope that Sarawak Skills will continue to be proactive and relevant as a leading education and training provider especially in the context of Industrial Revolution 4.0 and development of a Digital Economy." He also shared that the state government supported Sarawak Skills' plan to set up an Advanced Automotive Training College (AATC) in the near future. This is in line with Sarawak's development initiatives.

As part of his welcoming address, Sarawak Skills Chairman Tan Sri Datuk Amar (Dr.) Haji Abdul Aziz Bin Dato Haji Husain shared, "Over the past twenty-five years, there have been many milestones for Sarawak Skills. The tremendous support by the state and federal governments, and the industry over the years has facilitated the achievement of many of our milestones."

He also highlighted, "Sarawak Skills is working closely with its stakeholders, namely the government and industry, to transform TVET in Sarawak. This will facilitate our mutual objective to develop an industry-ready workforce for the benefit of our populace, state and nation. We have also intensified our efforts in the area of staff development, to raise the bar in teaching and learning. An important focus is on continuous learning to facilitate the development of high-calibre teaching staff who will also serve as coaches and mentors to our students. As part of our multi-pronged approach, we have commenced the upgrading of our teaching and learning facilities in line with the requirements of Industry 4.0. Indeed, our theme for tonight's dinner, 'Talentism Intensified in the Digital Era' is an apt summary of our way forward."

Over 500 Sarawak Skills and i-CATS staff, and invited guests including members of the Sarawak Skills Management Council attended the dinner. Also present were Deputy State Secretary Datuk Mohamad Abu Bakar Marzuki, Permanent Secretary to the Ministry of Welfare, Community Well-being, Women, Family and Childhood Development Dr. Saadiah Abdul Samat, Petronas Sarawak General Manager Mr. Zulaihi Mohd Mentali, Public Works Department (JKR) Sarawak Director Datuk Zuraimi Sabki and Sarawak Skills Executive Director Mr. Hallman Bin Haji Sabri.



Group photo with award recipients.



EVENT

Educational Talk: STEM

On 7 September 2019, a total of 239 students from 10 secondary schools took part in an Educational Talk on Science, Technology, Engineering and Mathematics (STEM).

Held at Sarawak Skills (PPKS), Tabuan Jaya, Kuching, the talk was co-organized by the Sarawak Electronics and Supporting Industries Companies Association (SECA) and Sarawak Skills (PPKS). The objective of the programme was to educate the students on the importance of STEM, including its role(s) in today's working environment.

In his welcoming speech, Mr. Hallman Bin Haji Sabri, Sarawak Skills Executive Director said, "This programme should motivate students to gain an in-depth perspective on STEM, and the need to have a change of mindset to embrace the Digital Economy and Industry Revolution 4.0 (IR 4.0)." He added, "As the implementation of STEM is related to Technical and Vocational Education and Training (TVET), it is crucial for us, as educators, to prepare our students for an exciting future; indeed, as future leaders and global citizens, it is of utmost importance that they are future-ready."

Among the invited speakers from SECA were Mr. Senele Anak Intoh from Taiyo Yuden, Mr. Gavin Ong Zhi and Mr. Jonathan Anak Annuar from Western Digital, Ms. Kristina Sim from X-FAB Sarawak Sdn. Bhd., and Mr. Aniq Hazwan Bin Azlam and Mr. Syafiq Bin Ismail from Murata Toko Sdn. Bhd.



Mr. Hallman Bin Haji Sabri visiting one of the exhibitor's booths.



Group photo with the participants.

PERSONAL MOTTO



Dare to try and never give up



PAUL CORNELIUS BONG

CHAIRMAN'S AWARD BY
THE INSTITUTION OF ENGINEERS MALAYSIA
(SARAWAK BRANCH)



GRADUATE OF

BTEC Higher National Diploma in Electrical and Electronic Engineering
R/523/4/0254
International College of Advanced Technology Sarawak (i-CATS)

PERSONAL MOTTO



Be Curious, But Cautious



JOSEPH JACOBSON

SITE SUPERVISOR
KKB ENGINEERING BERHAD



GRADUATE OF

Diploma in Civil Engineering
R2/526/4/0066
International College of Advanced Technology Sarawak (i-CATS)



PICTORIAL



Motivational Talk by Sarawak Skills (PPKS) Alumni Mohd. Fazreen Fadzuan Bin Mohd Den. 12 July 2019



Talk on Tourism & Hospitality by Ms Christina Wendt Managing Director, IKOS, Germany. 12 July 2019



Community Service by Students of Sarawak Skills (PPKS) Private Vocational College. 11 July 2019



Training for Sarawak Skills Staff: Million Dollar Sales Producer Training Programme by Mr. Jackson Ng. 17-18 July 2019



Educational Visit by Students from SMK Tinjar Baram to Sarawak Skills (PPKS). 15 August 2019



i-CATS's Lecturer Mr. Hisyammudin Maseri received a Gold Award for His Invention During the Innovation Technology Expo (InTEX) 2019. 24-25 July 2019



Participants of Academic English 1 (i-CATS lecturers). 30 August 2019



Sarawak Skills (PPKS)/i-CATS delegates' courtesy visit to YB Tan Sri Datuk Amar Dr. James Jemut Masing, Deputy Chief Minister. Invitation to flag off i-CATS Charity Fun Run 2019. 16 August 2019



Courtesy Visit from Representatives of Brunei-Indonesia-Malaysia-Philippines East Asean Growth Area (BIMP-EAGA) to Sarawak Skills (PPKS). 19 September 2019



18 i-CATS graduates from Bachelor of Business Administration (Hons.) in E-Commerce received their scrolls during the Infrastructure University Kuala Lumpur (IUKL) 17th Convocation Ceremony. 21 September 2019



Staff of Sarawak Skills (PPKS) Miri Participated in JAIS Innovation Programme at Masjid Al-Muttaqin, Sg. Plan, Bintulu. 21 & 22 September 2019



EVENT



Students from Toyo University, Japan.



▶ *Misaki Kemmochi,
a Diploma in Sociology
Student from Toyo
University, Japan.*

▶ *John Anak Chulif
@ Douglas Chulip,
a Diploma in
Hotel Management
Student from i-CATS.*



Global Citizenship Programme: i-CATS and Toyo University Students Celebrate Unity Amidst Diversity

It was indeed a shining example of unity amidst diversity! From 17 to 22 August 2019, a total of 32 students comprising 20 students from Toyo University, Japan, 11 students from the International College of Advanced Technology Sarawak (*i-CATS*) and a student from Universiti Sains Malaysia (USM) participated in a six-day Global Citizenship programme in Kuching.

The programme was co-organized by Toyo University and Global Incubation x Fostering Talents (GiFT), a non-profit organization based in Tokyo, Japan and supported by The Midin Events Company and *i-CATS*. The aim of the programme was to promote Global Citizenship Education and foster mutual trust and respect among fellow human beings around the globe. In a nutshell, it provides students with the opportunity to learn about diversity and to develop lifelong friendships with overseas and local students.

In addition to various activities at *i-CATS* West Campus in Kuching, the students visited various places of interest and tourist attractions in and around Kuching. During the closing ceremony at *i-CATS*, Misaki Kemmochi, a Diploma in Sociology student from Toyo University, Japan said, "This is my first time in Kuching and I am very happy to have friends here. They showed me examples of unity amidst diversity. I will definitely share my experience here with my family and friends when I return home."

John Anak Chulif @ Douglas Chulip, a Diploma in Hotel Management student from *i-CATS* commented, "The programme unveiled the cultural differences between Japan and Sarawak and it is a good platform for us to learn and get to know each other."

MoU Between Sarawak Skills (PPKS) & Senari Synergy Sdn. Bhd. a Positive Step Forward in Upskilling and Developing an Industry-ready Workforce

On 2 August 2019, the Sarawak Skills Development Centre (PPKS) signed a Memorandum of Understanding (MoU) with Senari Synergy Sdn. Bhd. (SSSB), paving the way for both parties to collaborate in the area of Human Capital Development.

Signing on behalf of Sarawak Skills was Mr. Hallman Bin Haji Sabri, Executive Director while Senari Synergy was represented by its Group Managing Director Tuan Haji Jefri Ahmad Tambi. Held at the International College of Advanced Technology Sarawak (*i-CATS*) West Campus in Kuching, the ceremony was witnessed by Sarawak Skills Chairman YBhg. Tan Sri Datuk Amar (Dr.) Haji Abdul Aziz Bin Dato Haji Husain. *i-CATS* is a subsidiary of Sarawak Skills.

Commenting on the collaboration, Mr. Hallman Bin Haji Sabri highlighted that the MoU marked the beginning of a mutually beneficial relationship whereby staff members of Senari Synergy would embark on a wide range of staff development and upskilling programmes offered by Sarawak Skills such as the Recognition of Prior Experiential Learning (RPEL) Programme. This would go a long way to facilitate career advancement. He also shared that students from the Sarawak Skills Group of Institutions would be able to undergo on-the-job training or participate in the Internship Programme at the Senari Synergy Group of Companies. Mr. Hallman also mentioned that it was an honour to welcome Senari Synergy Sdn. Bhd. as the latest member of Sarawak Skills.

During the event, Tuan Haji Jefri Ahmad Tambi shared that a key strategic enabler for the achievement of Sarawak Synergy's aspirations is a motivated workforce. In this respect, Senari Synergy places great emphasis on the career progression of its employees. The RPEL and Multiskilling programmes at Sarawak Skills would be a significant step forward for staff members to earn industry-relevant qualifications.

Also present at the MoU signing were Dato Hajah Maznah Binti Dazmi (Management Council Secretary, Sarawak Skills) Mr. Zakri Md Salleh (Deputy Executive Director (Education, Training & Student Services Division), Sarawak Skills) and Puan Norashikin Dahlan (Head of Group Corporate Services, Senari Synergy).



Mr. Hallman Bin Haji Sabri (second left) and Tuan Haji Jefri Ahmad Tambi (second right) exchange the MoU document witnessed by Sarawak Skills (PPKS) Chairman YBhg. Tan Sri Datuk Amar (Dr.) Haji Abdul Aziz Bin Dato Haji Husain (centre).



Sarawak Skills Chairman YBhg. Tan Sri Datuk Amar (Dr.) Haji Abdul Aziz Bin Dato Haji Husain (third left) presenting the Sarawak Skills (PPKS) Membership Certificate to the Group Managing Director of Senari Synergy Sdn. Bhd. Tuan Haji Jefri Ahmad Tambi.



STUDENTS' PROJECTS

Students' Final-year Project Facilitates Promotion of Handicrafts Through Social Media



From left: Orientina, Ophelia and Tze Yen checking the quality of their products.



Ophelia assists Tze Yen to put on a pair of earrings from the Runai Borneo Crafts Collection.

Two final-year students of the Sarawak Skills Development Centre (PPKS) assisted a local entrepreneur to promote her products through social media.

The final-year students of the Skills Diploma in Information System Administration Programme (DKML4), namely Orientina Valencia Ajik Anak Isik and Tan Tze Yen started the project in November last year as part of the final year syllabus.

"We came up with the idea in November last year and proposed it to our instructor, Mr. Muhammad Zaiemi Bin Jeraie. From our research, we found out that there was an opportunity to promote local handicrafts such as handmade bags, earrings, purses and necklaces by Runai Borneo Crafts. Therefore, we decided to boost the promotion of these items through social media and we were able to attract more customers nationwide," said the students when sharing on their project.

The owner of Runai Borneo Crafts, Ophelia Vanessa Runai Ak Isik, who is also the elder sister of Orientina shared that through the project, she was able to reach out to customers nationwide and Negara Brunei Darussalam. "Now, I can do my business online, and this project has made my products more well-known and increased my income. Sometimes, the students also assisted me at our booth during exhibitions or events," said Ophelia. Commenting on her future plans, Ophelia said that she would like to market her products internationally.

Meanwhile, Orientina said she plans to continue her studies in Business Management at the Bachelor's degree level while Tan Tze Yen plans to work after her graduation.

Final-year Project Transforms Stall Owner's Business

Two students of the Sarawak Skills Development Centre (PPKS) assisted to transform the business of Madam Bunga Anak Langgang through their Final-Year Project.

The two students, namely Victoria Shanon Anak Robert and Vanessa Anak Menang are final-year students of the Skills Diploma in Information System Administration Programme.

As part of their final-year project, the students assisted Bunga to identify a strategic location for her new Chicken Rice stall in Tabuan Jaya and also assisted to promote the Chicken Rice! The project was funded by the students using their own savings. According to the students, "We took part-time jobs during our semester break and on weekends in order to come up with the funds for our project."

Bunga previously operated a Chicken Rice stall at Kampung Stutong but the business did not do well. At the new location, business has been brisk. She commented, "I am thankful to the students; their project has helped to improve my income and I am able to support my family. They covered the initial cost for me and witnessed my business progress."

The students shared, "When we have extra savings, we plan to set up another stall or branches for Auntie Bunga and maybe another stall of our own as well."



The students, Victoria (left) and Vanessa (right) with Madam Bunga at her Chicken Rice Stall.



The students assisting Madam Bunga at her stall.

Sarawak Skills Private Vocational College
Students of Diploma in
Electrical Power Generation Technology

1st Runner-up for Innovation Category
During KV Skills & Innovation Competition
Project: Smart Green Agricultural Technology (SGAT)



Temujin Ogutai Anak Daniel Dzrando

- 19 years old, from Bintulu
- Life Motto: "Stay Positive, Stay Fighting, Stay Brave, Stay Ambitious, Stay Focused, and Stay Strong"

Nortamizie Bin Ibrahim

- 19 years old, from Bintangor
- Life Motto: "Sometimes the People with the Worst Past Create the Best Future"



1st Runner-up for Electric Technology Course,
Skills Category During KV Skills & Innovation Competition



Mohd. Sofyan Bin Affandi

- 18 years old, from Sibul
- Life Motto: "Be What You Want, Not What Others Want You To Be"

Thompson Bayang Anak Ujang

- 18 years old, from Mukah
- Life Motto: "Be the Leading Star"



International College of Advanced Technology Sarawak (i-CATS)

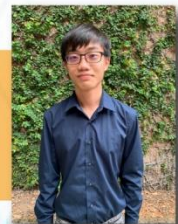


Yek Nai Liang

- 1st Runner-up, IT Software Solutions for Business in WorldSkills Malaysia Sarawak 2019
- Diploma in Software Engineering
- 20 years old, from Miri
- Life Motto: "Go Forward and Stay Positive, Then One Day My Goal will be Achieved"

Thian Wei Wei

- 2nd Runner-up for Web Design Category in WorldSkills Malaysia Sarawak 2019
- Bachelor of Software Engineering
- 22 years old, from Kuching
- Life Motto: "Just Do It!"



Andy Choo Chi Hong

- 2nd Runner-up, IT Software Solutions for Business in WorldSkills Malaysia Sarawak 2019
- Bachelor of Software Engineering
- 21 years old, from Kuching
- Life Motto: "Actions Speak Louder Than Words"



AWISAR



Participants from AWISAR in the Paintball Competition.

AWISAR Paintball Competition



Champion: i-CATS Team

Second Place: Sarawak Skills (PPKS) Team



Third Place: Alumni (Engineering Students) Team

The International College of Advanced Technology Sarawak (i-CATS) emerged champion at the Automotive and Welding Institute of Sarawak (AWISAR) Paintball Competition which was held on 7 September 2019 at Waxers Paintball D'Cove, Kuching.

Organized by AWISAR's Students Representative Committee with the support of AWISAR's Student Affairs Department, Sarawak Skills (PPKS) and i-CATS, the competition was held in conjunction with Malaysia's National Day. Staff members, students and alumni of the Sarawak Skills Group of Institutions participated in the competition.

Results:

- Champion : i-CATS Team.
- Second Place : Sarawak Skills (PPKS) Team.
- Third Place : Alumni (Engineering Students) Team.

Briefing on Skill Competency Assessment Programme for Site Supervisors and Construction Skilled Workers

On 25 July 2019, one hundred (100) students and staff of Sarawak Skills (PPKS) and its subsidiary, the Automotive and Welding Institute of Sarawak (AWISAR) attended a briefing on the Skill Competency Assessment Programme for Site Supervisors and Construction Skilled Workers. Held at AWISAR, the briefing was organized by the Construction Industry Development Board (CIDB).

According to CIDB Manager Mr. Noor Azirhan Bin Sahat, the objective of the briefing was to provide information on CIDB's functions, training and certification programmes, and procedures for students to obtain the CIDB Green Card. The CIDB Green Card is a value-added certification for Sarawak Skills and AWISAR students who are pursuing the Malaysian Skills Certificate and Diploma (SKM & DKM) programmes. He also



Mr. Jaidil Bin Yakop, General Manager of AWISAR (centre) with Mr. Noor Azirhan Bin Sahat, CIDB Manager (third from left) after the briefing to Sarawak Skills and AWISAR students and staff.

shared that the long-term collaboration with AWISAR would go a long way to improve the competency level(s) of skilled workers in Sarawak.

During the closing ceremony, Mr. Jaidil Bin Yakop, General Manager of AWISAR presented mementos to Mr. Noor Azirhan and representatives from the Construction Academy of Malaysia (ABM) and The Welding Institute (TWI).

TECHNICAL TRAINING/ CORPORATE TRAINING



TECHNICAL TRAINING



*Building Works (Construction & Maintenance)
Module III for Staff of JKR Sarawak*



Fire Fighting System for Staff of JKR Sarawak



*Low Voltage Electrical Installation Design for Staff
of JKR Sarawak*



*Road Works Design for Building Project-MX Road
for Staff of Ministry of Local Government and
Housing Sarawak*

CORPORATE TRAINING



Cybersafe Training for Harbour-Link Staff



Hydraulics Training for Sun Drilling



*Programmable Logic Controller Training for
Taiyo Yuden (Sarawak) Sdn. Bhd.*



*Three Phase Electrical Installation for Unit
Pembangunan Kontraktor dan Pembekal (UPKP)*

SKILLS ENHANCEMENT TECHNICAL TRAINING CALENDAR (OCTOBER - DECEMBER 2019)

ARCHITECTURAL

NO	CODE	TITLE	DURATION
1	A01-BIM-1	Building Information Modelling (BIM) - REVIT Architecture	4 Days
2	A01-BIM-2	Building Information Modelling (BIM) - REVIT Architecture	5 Days
3	A02-DT-1	Draughting Level 1	3 Days
4	A02-DT-2	Draughting Level II	3 Days

CIVIL ENGINEERING (ASSET)

NO	CODE	TITLE	DURATION
1	CA-BM-1	Bridge Maintenance	1 Day
2	CA-RM-1	Road Maintenance	1 Day
3	CA-RIM-1	Riverine Infrastructure Maintenance	2 Days
4	CA-SM-1	Slope Maintenance	1 Day

CIVIL ENGINEERING (BUILDING)

NO	CODE	TITLE	DURATION
1	CB-BW-1.M2	Building Works (Construction & Maintenance) Module II	2 Days
2	CB-BW-1.M3	Building Works (Construction & Maintenance) Module III	2 Days
3	CB-IBCM-1.M1	Introduction to Building construction & Maintenance (Module 1)	4 Days

CIVIL ENGINEERING (BRIDGES & RIVERINE)

NO	CODE	TITLE	DURATION
1	CBR-BRI-1.M1	Bridges & Riverine Infrastructure (Module 1)	5 Days
2	CBR-BB-1	Bailey Bridge (100% hands-on)	3 Days

CIVIL ENGINEERING (STRUCTURE)

NO	CODE	TITLE	DURATION
1	CS-WD-1	Civil Engineering Works Design for Building Project	2 Days
2	CS-WD-2	Civil Engineering Works Design for Building Project (Drainage Design)	2 Days
3	CS-WD-3	Civil Engineering Works Design for Building Project - Civil 3D	3 Days
4	CS-FD-1	Foundation Design	1 Day
5	CS-FD-2	Foundation Design (Soft soil)	2 Days
6	CS-SAD-1	Introduction to Structural Analysis & Design (RC)	5 Days
7	CS-RWD-1	Road Works Design for Building Project - MX Road	3 Days
8	CS-SAD-2	Structural Analysis & Design (Steel) TEKLA	3 Days
9	CS-SAD-3	Structural Analysis & Design (RC & Steel) (SEISMIC)	3 Days
10	CS-SAD-4	Structural Analysis & Design (RC & Steel)	5 Days
11	CS-SAD-5	Structural Analysis & Design-Esteeem (RC)	3 Days

CIVIL ENGINEERING (ROAD)

NO	CODE	TITLE	DURATION
1	CR-RCM-M1	Introduction to Road Construction & Maintenance (Module I)	2 Days
2	CR-RCM-M2	Road Construction & Maintenance (Module II)	3 Days
3	CR-PT-1	Kursus Pengurusan Trafik Semasa Pembinaan	1 Day
4	CR-AKJ-1	Kursus Audit Keselamatan Jalan (Peringkat 1-5)	5 Days
5	CR-RTJ-1	Kursus Rekabentuk Turapan Jalan - Flexible Pavement	1 Day
6	CR-RP-1	Kursus Rekabentuk Perabot dan Tanda Jalan	1 Day
7	CR-PP-1	Kursus Pengenalan Pengurusan dan Pembinaan Projek Jalan	1 Day
8	CR-PPJ-1	Kursus Penyeliaan Pembinaan Projek Jalan	1 Day
9	CR-PT-1	Kursus Pengenalan Tatacara Rekabentuk Jalan	2 Days
10	CR-RJJ-1	Kursus Rekabentuk Jajaran Jalan dan Persimpangan	1 Day
11	CR-FKJ-1	Kursus Fasiliti Keselamatan Jalan	1 Day
12	CR-RP-2	Kursus Rekabentuk Perparitan dan Pembetung Jalan	1 Day
13	CR-TDD-1	Penggunaan Teknologi Drone dan Data dalam Rekabentuk Jalan	1 Day

ELECTRICAL

NO	CODE	TITLE	DURATION
1	E-ERS-1	Electrical Rules and Safety Module	3 Days
2	E-ET-1	Electrical Testing	2 Days
3	E-LSU-1	LS Understanding	5 Days
4	E-LVE-1	Low Voltage Electrical Installation Design Module	2 Days
5	E-MM-1	Maintenance Management Module	2 Days
6	E-PMS-1	Project Management and Supervision Module (Electrical)	2 Days
7	E-WD-2	Wireman Grade 2 (Single Phase)	7 Days
8	E-WD-1	Wireman Grade 1 (Three Phase)	7 Days

MECHANICAL ENGINEERING

NO	CODE	TITLE	DURATION
1	M-ACMV-1	ACMV System	3 Days
2	M-ACMV-2	ACMV System for Specialized Applications	5 Days
3	M-BMS-1	Building Management System (BMS) - M&E	3 Days
4	M-SP-1	Cold Water & Sanitary Plumbing Services Rainwater Harvesting System	3 Days
5	M-FP-1	Fire Protection & Alarm System	3 Days
6	M-FP-2	Fire Protection & Alarm System for High Rise Building	3 Days
7	M-SP-1	Hot/Cold Water & Sanitary Plumbing System for High Rise Building	3 Days
8	M-LE-1	Lift & Escalator System	3 Days
9	M-PS-1	Pumping System	2 Days

QUANTITY SURVEYING


NO	CODE	TITLE	DURATION
1	QS-CA-1	Contract Administration using Form Of Contract (PWD 75 Rev. 2006)	3 Days
2	QS-CA-2	Contract Administration using Condition of Contract (PWD203 Rev. 1/2010 & 203A Rev. 1/2010)	3 Days
3	QS-CA-3	Contract Administration using Condition of Contract (PWD D&B Rev. 1/2010)	3 Days
4	QS-CC-1	Contractual Claims and Assessment	3 Days
5	QS-MyC-1	MyCESMM2	2 Days
6	QS-PP-1	Procurement Procedure for Federal Quotation	2 Days
7	QS-PP-2	Procurement Procedure for State Quotation	2 Days
8	QS-PP-3	Procurement Procedure for State Tender	2 Days
9	QS-PDB-1	Procurement Design & Built Contract	2 Days
10	QS-STE-1	State Tender Evaluation Methodology	2 Days
11	QS-TQE-1	Taking Off Quantities & Estimates	2 Days


WATER SUPPLY INDUSTRY


NO	CODE	TITLE	DURATION
1	WS-WSP-1	Water Safety Plan Workshop	2 Days
2	WS-NRW-1	NRW & Leak Detection Training	2 Days
3	WS-BP-1	Best Practices for Enhancing Process Safety and Chemical Handling at Water Treatment Plant	2 Days
4	WS-WQ-1	Water Quality Monitoring	2 Days
5	WS-DA-1	How to Conduct Dam Analysis & Checklist	2 Days
6	WS-NRW-2	Common NRW Challenges	2 Days
7	WS-BP-2	The Best Practices for Customer Service Management in Water Utility Company	2 Days
8	WS-URB-1	Understanding on Reservoir and Booster Pump House Operation	2 Days
9	WS-KPI-1	The Successful of Key Performance Indicator (KPI) for Water Utility Company	2 Days
10	WS-UP-1	Understanding on Pipe Laying Techniques	2 Days




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