Bulletin
FACULTY OF
COMPUTING

(Formerly known as Faculty of Computer Systems & Software Engineering)

Highlights

MOU Signing with Pikoje Sdn. Bhd., Pakar@Work Sdn. Bhd., Aito Firework Holding Sdn. Bhd. and Cynerve Sdn. Bhd

ICSECS 2019: "IR 4.0 Eyeing the Future" successfully organized

70 participations, 6 Categories & 6 special awards bestow in **iCE-CInno 2019**

233 students from 35 Primary Schools around Kuantan participate in 2-Modules **EV3 Lego Robotic Workshop**

441 New Undergraduate Students – Welcome Onboard!

Contents

Editor's Foreword

Assalamualaikum and warm greetings to all.

Alhamdulillah, we published our second online issue for 2019. This issue is very special because it is the first time that the bulletin is published under the new faculty name. Previously known as Faculty of Computer Systems & Software Engineering (FSKKP), the faculty is renamed as Faculty of Computing (FK) officially in August 2019. In accordance to that, the bulletin name is changed from bit@Fskkp to bit@FK. Nevertheless, the scopes of coverage in bit@FK are still the same. We aim to report the important events and achievements that happened around the faculty which are beneficial to FK community and its stakeholders.

In September of this year, the faculty has successfully organised two big events, the 6th International Conference on Software Engineering & Computer Systems (ICSECS 2019) at Hotel Vistana, Kuantan and International Competition and Exhibitions on Computing Innovations 2019 (iCE-CInno 2019) at UMP, Gambang campus. These biennial events have attracted many international and local participants.

The other contents of bulletin provide the updates of FK activities and achievements in research & publication as well as teaching & learning that happened in May to September 2019.
Do enjoy the reading and until we meet again for the forthcoming issues of bit@FK

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Associate Prof. Ts. Dr. Mohamad Fadli,
The dean of Faculty of Computing (FK) has
talked to bit@FK about his view.

Tell us about your prior administration experience before appointed as the Dean of FK.

Alhamdulillah, I am among the earliest faculty members when the faculty started in 2002, during which UMP is known as KUKTEM. Thankfully, I got the chance to learn on managing program and students. At first, I was tasked with coordinating faculty internship for two years before I was appointed as the Head of Systems & Networking Program. I pursued my PhD after managing the Computer Systems & Networking program for four years. After I came back with the PhD, the faculty assigned me as the Head of Program of Computer Science for 1 year before I was promoted as the Deputy Dean of Academic & Student Affairs. I become the Dean of FK after five years as the deputy dean.

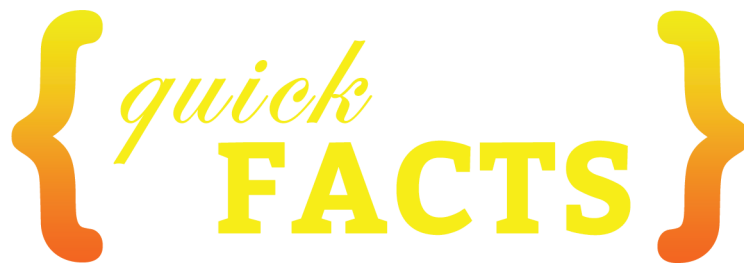## What's the challenge in managing a faculty?

The biggest challenge for me is to manage the academicians whom are smart and expert in their areas. I need to look at various aspects in making decisions that benefit the faculty.

What does it take to become an excellent faculty?

We were once not a chosen faculty for school leavers. Gradually, we became among the preferred choice for study due to the faculty members' consistent help and support. It is because of our curriculum has instilled the cognitive, psychomotor and affective elements. Our expertise is sought by the public. Therefore, I believe the faculty expertise can eventually bring our academic programs and research products to a higher level.

What can you say to the new batch of students for 2019/2020 session?

To the new FK students, I hope they can take the opportunity to learn, to be active and to enjoy their student life. Get as much knowledge as you can and make your parents proud. The lecturers are here to guide you to success. We always make sure the academic programs, teaching infrastructures and lecturers are at the best.

icsecs'19
25th - 26th September 2019
Hotel Vistana, Kuantan, Pahang

Theme:

IR 4.0: Eyeing the Future

3 KEYNOTE SPEAKERS	**90** PAPER SUBMISSION	**76** ACCEPTED PAPERS

LIST OF SPEAKERS:

1. PROF. DR. KAMAL ZUHAIRI BIN ZAMLI
   Universiti Malaysia Pahang
   "Optimization via Meta/Hyper Heuristics: Achievements & Prospects for future"

2. DR. ISHKANDAR BIN BAHARIN
   MyRAS
   "Bridging the Robotics and Automation Gap for IR4.0 Adoption for local SMEs and the role of local Academia"

3. PROF. DR. YUKO HATANO
   University of Tsukuba
   "Supercomputing by the Oakforest of University of Tsukuba Regarding the flow in Porous Media"

12 INTERNATIONAL PROCEEDING PAPERS

64 LOCAL PROCEEDING PAPERS

Published:

SCOPUS INDEX PROCEEDING
IOP CONFERENCE SERIES:
Materials Science And Engineering

#StaffPromotion #Congratulations

PROFESSOR GRED KHAS C
*starting 24th November 2019

Prof. Ts. Dr. Ruzaini Abdullah Arshah

ASSOCIATE PROFESSOR (DS54)
*starting 12th February 2019
1. Associate Prof. Ts. Dr. Mohamad Fadli Bin Zolkipli
2. Associate Prof. Dr. Mohd Nizam Bin Mohmad Kahar
3. Associate Prof. Dr. Rohani Binti Abu Bakar

*starting 11th September 2019
1. Associate Prof. Dr. Mohamed Arif Bin Ameedeen

*starting 21st November 2019
1. Associate Prof. Ts. Dr. Adzhar Bin Kamaludin

Congratulation!

Hi-Tea
with Industries & Alumni
27th August 2019
The Everly Hotel, Putrajaya

"Meraikan Kerjasama"

Interesting **FACTS**

4 MoU Signing   **24** Industries   **59** Alumni

MoU Signing with Industries

List of Industries :

1. Pakar@work Sdn. Bhd
2. Aito Firework Holding Sdn. Bhd
3. Cynerve Sdn. Bhd
4. Pikoje Sdn. Bhd
5. Wise Ai Sdn. Bhd
6. Beta Foundation Dan Dropee.Com
7. Virtareal Sdn. Bhd
8. Es & Msc Sdn. Bhd
9. Forte Solutions Sdn. Bhd
10. Mzr Global Sdn. Bhd
11. Sysarmy Sdn. Bhd
13. Jabatan Ukur & Pemetaan Malaysia
14. UEM Edgenta Berhad
15. Telekom Malaysia Berhad
16. Dermalene Medisuite & Consultancy
17. Mycommerce Sdn. Bhd
18. Tentera Laut Diraja Malaysia
19. Cisco Systems Malaysia Sdn. Bhd
20. Knowledge Worker Development Centre
21. Malaysia Digital Economy Corporation
22. AT & T Global Services
23. Dreamedge Sdn. Bhd
24. Indizium Sdn. Bhd

INDUSTRIAL / INTERNATIONAL ENGAGEMENT

INDUSTRY VISITS BY FKOM INTERNSHIP COMMITTEE

1 - 5 July A total of 280 FK students were eligible to undergo the six (6) month industrial training at selected industries in Semester II 2018/2019. Therefore, a series of visits were done by the Internship Committee, with the purpose of monitoring student's work progress and to get some feedback from the industrial supervisors. From these visits, the committee received important insights and listed the suitable and recommended companies as the future reference for FK students.

List of Visited Companies

Simajji Concept Sdn. Bhd.
Peco Engineering
Yayasan TM
Reveals Global Sdn Bhd
Fiscal Digest Sdn Bhd
Atos Services Sdn Bhd
Resolv Technologies Sdn Bhd
CTC Global Sdn Bhd
Cubictech Systems Sdn Bhd
Kolej Yayasan Pahang

Prymax Technologies Sdn Bhd
Digi Telecommunications Sdn. Bhd
Propel Network Sdn Bhd
Indeerpreneur IT & Resources
ROHM Wako Electronics Malaysia Sdn Bhd,
Kembang Sari Synergy Sdn Bhd
Yap's Office Automation & Equipment
IIUM Medical Centre
Sigma Tech Solution
ZF Enterprise
FPG Oleochemicals Sdn. Bhd

REVEALS GLOBAL SND BHD

CUBICTECH SYSTEMS SND BHD

PROPEL NETWORK SND BHD

April 10 - An Augmented Reality Talk given by Mr. Fitri Baharuddin, the CEO of Arleta Tech Sdn. Bhd. had been organized by Department of Graphic and Multimedia Technology (GMM), FK. The talk was a good exposure for students to relate their theoretical knowledge to practical aspects of the studied course. Most of the participants were students from Augmented Reality course (BCM3263) and few academic staff as well. Mr. Fitri talked about "The Evolution of Augmented Reality", he began with introduction about his company followed by the history and the latest augmented reality technology. Later he shared about Arleta's experience in developing augmented reality project for several companies. Students had actively involved during the Q & A session and the pop quiz session, where they had a chance to get a special gift from Arleta. Participants also had a chance to play with AR game on their mobile using Arleta AR mobile app. It was a great experience for the students to gain knowledge from industry that they could apply it in their study and open their mind for further exploration in this field.

COLLOQIUM: VISIT UNIVERSITAS NEGERI SEMARANG

July, 8 - Faculty of Mathematics and Natural Sciences (FMIPA) from Universitas Negeri Semarang (UNNES), Indonesia had visited FKom on 7th and 8th July 2019. Six (6) representatives from UNNES, headed by Prof. Dr. Sudarmin, Dean of FMIPA. Several agendas were discussed including Letter of Intent (LoI) of partnership finalization and dissemination, guest lecture activities and the credit transfer program. In conjunction with this programme, the colloquium titled 'Embracing Education 4.0: Promotion of Digital Innovation and Literacy Skills' was successfully delivered by Dr. Zaenal Abidin, a senior lecturer at FMIPA, UNNES. He is specializing in applications of technology for teaching and learning, mathematics education, and data mining. During the colloquium, Dr. Zaenal Abidin spoke about Industrial Revolution 4.0 (IR 4.0), Education 4.0, how does Education 4.0 benefit students, Society 5.0 and some digital skills that we need to master to face IR 4.0. Besides that, he also shared his research on the case study of technology and education in Indonesia.

GLOBAL CLASSROOM

VIRTUAL REALITY (VR) GLOBAL CLASSROOM WITH MR. PAUL ELLIOTT FROM SAN FRANCISCO USA

April 30 – A global classroom session has been successfully conducted for **Virtual Reality (VR) course**, under the Department of Graphics and Multimedia Technology, FK. The global classroom is one of UMP initiatives, operated by Centre of Instructional Resources & e-Learning (CIReL) which aims to conduct a cost-effective way to globalize the on-campus learning experience as well as to strengthen academic collaboration with international networks. **Dr. Taha Hussein Alaaldeen Rassem**, the coordinator of the course with **Dr. Danakorn Nincarean A/L Eh Phon** and **Ms. Noraniza Binti Samat**, who also teach VR course invited the collaborator, **Mr. Paul Elliott** (San Francisco, USA), as a guest lecturer for the global classroom session on 30 April 2019. A total of 20 students from BCM3103 Virtual Reality class took part in the global classroom which held at Virtual Reality Lab, FK.

Mr. Paul Elliott is a technical entrepreneur, graduated from University of California, Santa Barbara, USA. He has been involved in Virtual Realities for 12 years, developing and consulting various projects regarding VRs. During this session, students enjoyed learning about alternative perspective in VR. They also learned about various camera projection to be used when the standard camera projection breaks. And finally, the class ended with a short question and answer session.

GLOBAL CLASSROOM SESSION GIVEN BY MR. PAUL ELLIOTT

441
New Undergraduates

121 — Bachelor of Computer Science (Software Engineering)

105 — Bachelor of Computer Science (Graphic & Multimedia Technology)

115 — Bachelor of Computer Science (Computer Systems & Networking)

100 — Diploma in Computer Science

Welcome!

INBOUND MOBILITY

NAME: NINDA PUTRI HERMAWANTI
DURATION: 12 FEBRUARI 2019 – 02 JUNE 2019 (6 MONTHS)
UNIVERSITY: UNIVERSITY OF AMIKOM, YOGYAKARTA, INDONESIA.

"It is the best experience to study in UMP because I got new friends and lessons that I could apply in the future. While studying here, I felt enough with the facilities provided in the campus because the facilities were available 24 hours non-stop. At first, I felt difficulty in adapting to the environment, culture, and adapting to find friends, but then some local and international students helped me with my study here. Finally, we became friends. I am very happy and fortunate to get the opportunity to study in UMP and make a lot of memory while in UMP. Thank you, UMP and my friends, see you again next time. Let's meet in my country and in Malaysia again."

NAME: KRUNAL D MAHANT
DURATION: FEB-2019 TO MAY-2019 (1 SEMESTER)
UNIVERSITY: VELLORE INSTITUTE OF TECHNOLOGY(VIT), CHENNAI, TAMIL NADU, INDIA

"I came to UMP as a part of Semester Abroad Program at VIT and pursue my final year project here at UMP, Gambang Campus. My overall experience here has been wonderful. The teachers, students and staff are very friendly and helpful to someone like me who is very new to the culture and language here. I faced no difficulties in settling here because of a very warm and welcoming culture at UMP. It has been an experience of a lifetime especially with the people and culture of Malaysia. UMP has made sure that as an international student, I face no difficulty in gaining this essential experience."

NAME: RIZKY PURNAMA
DURATION: 12 FEBRUARI 2019 – 02 JUNE 2019 (6 MONTHS)
UNIVERSITY: UNIVERSITY OF AMIKOM, YOGYAKARTA, INDONESIA.

"*Although learning in UMP is very challenging with a lot of projects, assignments and quizzes but the lecturers are very friendly. I got so many friends here, who are from Yaman, Iraq, Malaysia which include Chinese and Malay, and many other countries.*"

NAME: MUHAMMAD RAFIUDIN
DURATION: 14TH FEBRUARY-2 JUNE 2019
UNIVERSITY: UNIVERSITY OF AMIKOM, YOGYAKARTA, INDONESIA

"*It was an unforgettable experience for me being in this university. At first, I thought it would be difficult for me to adapt because the different cultures and languages, yet it turned out that I'm so comfortable studying here. Plus, the adequate provided facilities supported my study here. One thing that I won't forget from this experience is most of the people here are very nice and welcoming to me and all of my friends. I'm so grateful to be surrounded by caring people in here and be able to build a great friendship with both local and international students.*"

INDUSTRIAL REVOLUTION 4.0 (IR4.0) ENRICHMENT PROGRAM AT SMK GUDANG RASAU (SEGRA)

WRITTEN BY NOR AZHAR BIN AHMAD

One of the IR4.0 hype element is the internet of things (IoT). This element always has a good spotlight in mass media nowadays as one of the futures needed job. This emerging technology will take over most of the human activities, especially in the manufacturing industry. Realizing the importance of early exposure to the youngster, SEGRA had invited **Mr Nor Azhar Ahmad** from Faculty of Computing, Universiti Malaysia Pahang for in house training. This one-day program touched a knowledge on microcontroller understanding, which plays a big part in IoT product or innovation.

This program starts with the evaluation of SEGRA innovation product, previously grabbed the Silver Medal Award in iCE-CInno 2019 at UMP, last September. They compete for an e-Health innovation using the Arduino microcontroller board and several health-related sensors. SEGRA Innovation Advisor, Mdm Che Siti Asmah Norsusilawati Che Ahmad said, most of school teacher lack of IoT knowledge. This contributes to the misunderstanding of similar innovation. Besides, Reka Bentuk dan Teknologi (RBT) teacher, Mdm. Iylia Ahmad quote, most of Kuantan district secondary school, had opted to adopt Arduino microcontroller as RBT learning aid, due to low cost and easy to learn. However, this learning aid stuck as a standalone product. Most teachers tend to use them as an introduction to the microcontroller without focusing on IR4.0 initiatives.

The program continued with brainstorming and discussion on how to enhance SEGRA innovation with artificial intelligence and mobile application technology. In the beginning, the device only capable of reading from

A TALK ON 'INTRODUCTION TO AGENT-BASED MODELLING & SIMULATION'

24 April – A talk on 'Introduction to Agent-Based Modelling & Simulation' has been done at the meeting hall in Faculty of Industrial Management (FIM). The talk was delivered by **Assoc. Prof. Ts. Dr. Mazlina Abdul Majid**, a lecturer from Faculty of Computing (FK). This half-day program was organized by one of FKom research groups, Software Engineering Research Group (SERG) and FIM Computing and Modelling Research Cluster. There are 12 participants involved, including lecturers and postgradute students. The objective of this program is to share great informations about agent-based modelling, the usage of the technique and the benefits.

Name	:	Fakhrud Din
Student ID	:	PCC16010
Program	:	PhD (Intake: 7th March 2016)
VIVA Date	:	01 February 2019
Thesis Title	:	*A Fuzzy Adaptive Teaching Learning-based Optimization Strategy for Generating T-way Test Suites*
Supervisor	:	Prof. Dr. Kamal Zuhairi Zamli

What is your strategy to complete your study on time with no correction?

I considered PhD as a full time job. During the last three years, my main focus was PhD. Moreover, I always prayed from All Mighty All for my success in PhD.

Your successful story that you like to share with others?

Our first Q1 paper was published after only one round of revision which gave me a lot of confidence to publish more quality papers. Recently, our ACM conference paper got the Best Paper Award.

Any tips to share with other postgraduate students who would like to pursue their PhD or currently struggling with their study?

First and foremost, an important tip is to select SV who is an active researcher and who leads a good research team. Google Scholar profiles of potential SVs may help. Those who already started their PhDs can take help from other fellow researchers on researchgate.org, etc., along with their SVs. Also, they need to be realistic in selecting their PhD work.

How is your relationship with your SV and co-SV during your study?

My relationship with my SV is very good. He is friendly as well as very formal sometimes. Overall, I always really enjoyed his company.

Will you recommend your friends to further their PhD in FSKKP? And why?

Yes, of course I already recommended many friends to undertake the postgraduate studies at FK. I got a conducive research environment to smoothly complete my PhD in FK. Research activities such as poster competition, colloquium, etc., arranged by FK are very fruitful. Awards and postgraduate nights were wonderful. Moreover, FK offers the best infrastructure that a PhD candidate needs during his PhD studies. I hope that FKom will take more steps in this regard. I wish all the best to FK and my fellow postgraduate students in FK.

EV3 LEGO ROBOTIC WORKSHOP @FK

35 Primary Schools, 223 students, 2 Modules

Faculty of Computing (FK) had successfully organized series of EV3 LEGO Robotic Workshop for primary schools around Kuantan, Pahang. This workshop consists of 2 Modules. For Module 1, 4 series of workshop had been organized involving 35 primary schools. Meanwhile, for Module 2, only 2 series of workshop were organized which involving only 21 primary schools.

The objective of this workshop is to encourage the STEM Program among school's students. By conducting this workshop, we hope these students get to explore more in robotic programming and solve the problems while playing with the EV3 Lego.

Module 1 & 2

1. SK MAT KILAU
2. SK INDERA MAHKOTA
3. SK TENGKU AZIZAH
4. SK GALING
5. SK GAMBANG
6. SK LEPAR HILIR 3
7. SK KG. BELUKAR
8. SK PANCHING
9. SK BUKIT KUANTAN
10. SK LKPT BUKIT GOH
11. SK BATU TIGA
12. SK PERMATANG BADAK
13. SK KAMPONG PADANG
14. SK AIR PUTIH
15. SK SG. PANCHING UTARA
16. SK FAKEH ABDUL SAMAD
17. SK SG. ISAP MURNI
18. SK SG. SOI
19. SRI AL-IRSYAD
20. SK INDERA MAHKOTA UTAMA
21. SK WIRA

Module 1
17th July 2019
6th-8th Aug 2019

Module 2
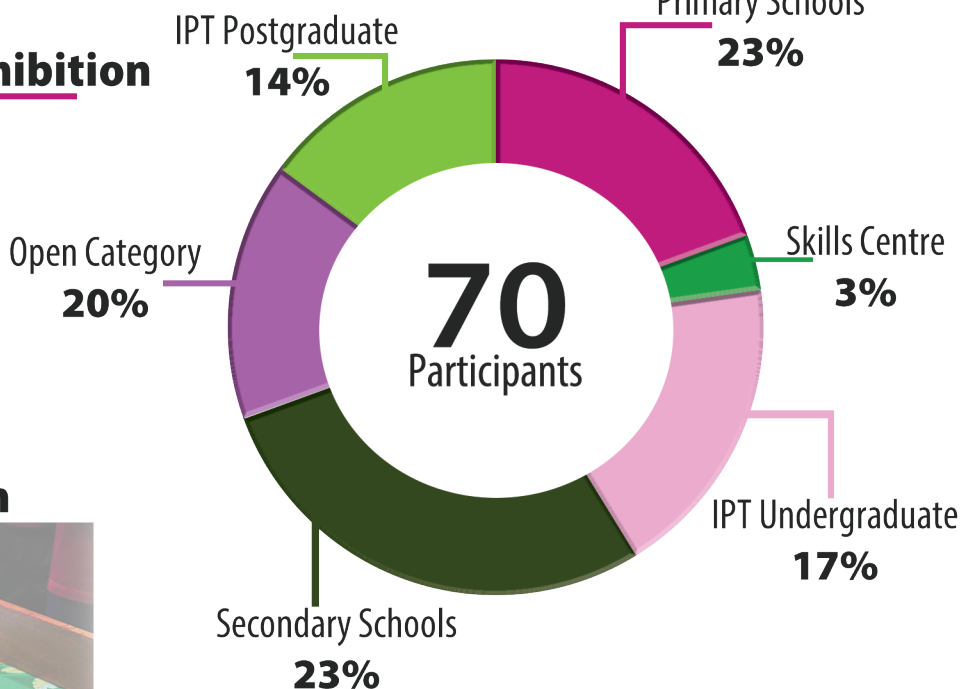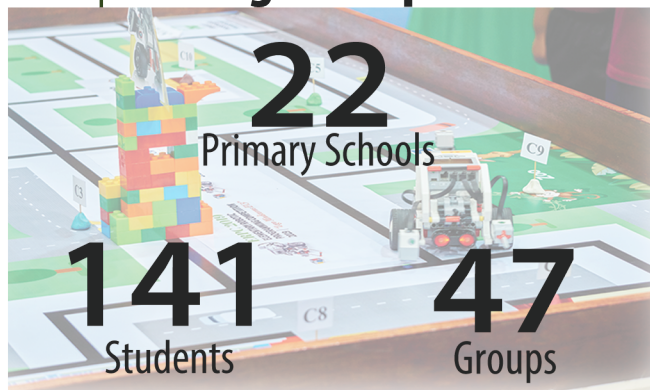28th - 29th Aug 2019

Module 1 Only

1. SK BUKIT SETONGKOL
2. SK PELINDUNG
3. SK SULTAN ABDULLAH
4. SK SRI MAHKOTA
5. SK BUKIT SEKILAU
6. SK SERI MELATI
7. SK TANAH PUTIH BARU
8. SK RTP BUKIT GOH
9. SK BUKIT RANGIN
10. SK KEMPADANG
11. SK SG. ULAR
12. SK PENGKALAN TENTERA
13. SK SG. TALAM
14. SK LEPAR HILIR 1

ICE-CInno 2019

International Competition And Exhibition on Computing Innovation

Innovation Exhibition

2 Tracks

Primary Schools **23%**

IPT Postgraduate **14%**

Open Category **20%**

70 Participants

Skills Centre **3%**

IPT Undergraduate **17%**

Secondary Schools **23%**

EV3 Lego Competition

22 Primary Schools

141 Students

47 Groups

2019 ERPC *Winner*

Gold
A8 - Sek. Keb. Fakeh Abdul Samad
Muhammad Azrul Afif Bin Sabri
Muhammad Irfan Bin Ilyas
Ahmad Dahari Bin Ahmad Dasila

B12 - Sek. Keb. Sg. Panching Utara
Mohamad Kamarul Nizam Bin Abdullah
Nur Alisya Bt Rosmainie
Muhammad Adib Fahmi Bin Khairulazman

Silver
Sek. Keb. Permatang Badak - A14
Sek. Keb. Galing - B22

Bronze
A13 - Sek. Keb. Permatang Badak
B16 - Sek. Keb, Sg, Isap Murni

Special Awards

Primary Schools
Happy Dustbin (Movable Dustbin Driven by Robotic Car
Sekolah Kebangsaan Tok Sera

Secondary Schools
Lord of Lock
SMK Bandar Uda Utama

Skills Centre & IPT Undergraduate
E-Commerce Site for Electrical Services
Politeknik Sultan Haji Ahmad Shah

IPT Postgraduate
Ontology Model in Analyzing Ethical Issues based on Ibnu Khaldun's Thoughts
International Islamic Universiti Malaysia (IIUM)

Open Category
ERP School
Saif Studio

Alumni UMP
Fish Feeder Monitoring Android Application
Politeknik Muadzam Shah

ADVANCED DIGITAL SYSTEM AND COMPUTER ARCHITECTURE USING ALTERA DE2 WORKSHOP

8-12 July – 15 lecturers from Computer Systems & Networking department involved in Advanced Digital System and Computer Architecture using Altera DE2 workshop. The training was conducted by **Mr Abdul Karimi Halim**, from Faculty of Electrical & Electronic, UiTM at FSK2 Block X. This 5 days workshop cover a few lectures including Number Systems, Verilog, Combo Logic Modules, Verilog Behavioral Modeling Combo, Sequential Logic & Finite State Machine, Datapath and Microarchitecture. Lecture session was conducted in the morning while lab tutorial using the device was conducted in the afternoon session.

The goal of this course is to introduce the instructors to advanced digital system design, the building block of digital microprocessor and how to configure Altera DE2 Cyclone II device. The trainer also share all the materials related with the course to the participants. This workshop is a compulsory to lecturers that teach Computer Architecture or Computer Organization in public or private IHL. This course is a bridge between computer science and electrical engineering and gives firm understanding on how microprocessor is built form scratch.

At the end of the session, all participants have been given certificate of attendance and they had photoshoot session. All participants really enjoy the workshop, a lot of knowledge and tips have been given by the trainer. Hopefully the knowledge and skills will be used perfectly by the lecturers to be applied during teaching & learning session especially for Computer Architecture & Organization subject.

MATLAB WORKSHOP

24 April – 30 participants including lecturers and postgraduate students from FK had involved in a Matlab Workshop, conducted by **Ts. Dr. Azlee Zabidi**, a FK lecturer from Software Engineering Department. The first series of this workshop covered about **Artificial Intelligence and Single & Multi Layer Perceptron**. The workshop was at FSK15 lab, Block M. Sysnets research group organized this workshop as the main organizer and IEEE Malaysia Industrial Electronics/Industrial Applications Joint Chapter as a co-organizer.

The main objective of this half day workshop is to introduce the participants to Artificial Intelligence using Matlab. Hopefully all participants got some useful knowledge to be applied in their research.

19 July – From 15 July to 19 July 2019, 20 lectures from FK were involved in a training titled "The Introduction of Python Language". All lectures were selected from 4 departments which are System & Networking (SN), Graphics & Multimedia (GMM), Computer Science (CS) and Software Engineering (SE). The invited speakers were Assoc. Prof. Dr. Siti Norul Huda Sheikh Abdullah, Assoc. Prof. Dr Ravie Chandren a/l Muniyandi and Ts. Dr. Khairul Azmi Abu Bakar. All of them are from Center for Cyber Security (CYBER), Faculty of Information Science & Technology, Universiti Kebangsaan Malaysia (UKM). The objective of this training was to introduce Python to the lecturers in FK, inline with the new course that will be operated by the faculty which is Master Executive in Technology Cybersecurity. Through this training, the lecturers could prepare the teaching and learning material for the new course. The capability of Python's operation system to analyze the data and identify the problem in security system in many industry platforms made this training as very significant.

STAFF DEVELOPMENT

UNITY WORKSHOP

2-4 July 25 academic staffs and students from FK were involved in Unity Workshop which was held at FSK15, Block M, FK. The instructor of this workshop was **En Mohd Nasrul Radhi bin Mohd Nasir**, Co-Founder of **Pipe Dreamer Studio**. The aim of this workshop is to give exposure to the academic staffs, especially for lecturers from Graphic and Multimedia (GMM) Department in game development using Unity 3D software.

So, with the knowledge of the software, the lecturers then will be able to teach the students how to develop game as well.

CCNA CYBERSECURITY OPERATIONS (CYBEROPS) INSTRUCTOR TRAINING (MALAYSIA REGION)

18-22 March, A training of trainer program has been held involving instructors from several higher institutions in Malaysia and also one participant from Thailand. FK also sent 14 lecturers as the instrutors from Computer Systems & Networking (SN) Department to involve in this CCNA Cyber Ops Instructor Training. The training was conducted at FSK2 Block X by Dr Luhur Bayuaji, a certified instructor from Instructor Training Center, UiTM.

The initial aim of the department is to ensure all System Networking lecturers are qualified and certified as an instructor by CISCO for CCNA Cybersecurity Operations. The instructors were introduced to the fundamental of cybersecurity operations, concepts and technologies related to cyberops. The online course materials in Netacad was able to assist instructors in developing the necessary skills to plan and implement small networks across a range of applications. At the end, all instructors have passed the exams and certified by CISCO to teach CCNA Cyber Ops.

20-21 April A workshop of Strategic Planning 2019 had been done by FK at Zenith Hotel, Kuantan. This 2-day workshop was compulsory to all faculty staff (academicians and non-academicians). The workshop started with an opening remark by the dean of the faculty at the time, Prof. Dr. Kamal Zuhairi Zamli and continued with group discussions for all staff based on five strategic leaps; Academic Prominence, Financial Sustainability, Research & Innovation, Sosioeconomic & Environmental Sustainability and Brand Prominence. The objectives of this workshop are:

OBJECTIVES:

1. To explain the direction of the faculty and the target to be achieved in 2019 onwards based on KPIs provided by the university.
2. To develop and refine the Sasaran Kerja Tahunan (SKT) 2018 (according to the Pay for Performance format) for each FK staff based on the KPIs assigned to the faculty for 2019.
3. To develop an effective strategy to implement all activities planned in order to ensure that every target and objective is achieved.
4. To identify the advantages of staff and faculty where it can be used as a source to generate income.
5. To drive the direction of the FK staff to focus more on the vision and mission of the faculty to be achieved and also the vision and mission of UMP.

During the program, each group was needed to identify the weaknesses and problems faced and come out with the improvement ideas and suggestions to make sure all the objectives achieved. At the end of the session, all group leader presented their findings to all participants.

Memories of 2019

GET-IT & HARI RAYA 2019 CELEBRATION
19.06.2019

ALTERA DE2 TRAINING
08.07.2019

VICE CHANCELLOR TALK
25.06.2019

COLLOQIUM BY UNIVERSITAS NEGERI SEMARANG
08.07.2019

LEGO ROBOTIC WORKSHOP
17.07.2019

BASIC MATHLAB USING MLP WORKSHOP
24.08.2019

HI-TEA ALUMNI & INDUSTRY
27.08.2019

FAREWELL PROF VITALY & DR FALAH
23.07.2019

SUDANESE SHORTCOURSE CLOSING CEREMONY
30.08.2019

FIRST YEAR STUDENT SEMINAR
04.09.2019

HYBRID META HEURISTIC WORKSHOP
24.09.2019

iCE-CInno 2019 CLOSING CEREMONY
24.09.2019

ICSECS 2019
25.09.2019

ACADEMIC VISIT FROM UITM DUNGUN
13.11.2019

Call for submission in bit@FK

Are you an expert in your field? Do you like to express your view in writing?

The Bulletin team is inviting all readers to submit articles and news on the following topics to be featured in our incoming isssues. The topics are :

a. Technology in Trends - Green Computing, Big Data, IR 4.0, Blockchain
b. Perkongsian Rohani - Tazkirah
c. Food for thought - light reading and infotainment

Please send all submissions to buletinfskkp@ump.edu.my

Please include : Full name, pen name, copy of your article in Microsoft Word Format. You can also submit a photo if you like.

Rules:
  + Maximum - 1 page
  + Minimum - 1/2 Page
  + Font : Times New Roman
  + Size : 12
  + Normal Margin

OUR PREVIOUS BIT@FK

July 2016

Nov 2016

June 2017

Sept 2018

April 2019

Scan me