



اونيورسيتي مليسيا قهق  
UNIVERSITI MALAYSIA PAHANG  
FAKULTI KOM

JANUARY EDITION  
2022

# BIT@FK



**SANJUNGAN  
BUDI CEREMONY**



**IOT SMART  
FARMING**



- \* IPT MDEC RATING CERTIFICATE
- \* FYPRO-COM CARNIVAL
- \* VIVA-VOCE 2022



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## EDITOR PREFACE

Dear readers of bit@FK!

Warm Greetings!

Welcome to the faculty's first bulletin (bit@FK) edition of the year 2022. This edition encompasses the activities and accomplishments in the Faculty of Computing (FK) held during the period January and February 2022.

The bulletin team take this opportunity to thank all the committed members and authors of the bulletin for their support

I would like to thank all the editorial members, committed designers and authors for their immense hard work to make this happen.

You may be interested in the past editions of bit@FK, so please find us at <https://fk.ump.edu.my/index.php/en/others/happenings-fk/bit-fk>

Kind Regards!

## BULLETIN TEAMS

### Patron

Associate Professor Ts. Dr. Adzhar Kamaludin

### Bulletin Team

Dr. Mritha Ramalingam

Dr. Nabilah Filzah Mohd Radzuan

Dr. Muhammad Arif Mohamad

Associate Professor Dr. Noraziah Binti Ahmad

Dr. Ngahzaifa Ab Ghani

**DEAN FOREWORD**

Assalamualaikum and *Salam Sejahtera!*

Welcome to our faculty bulletin! Appreciations to our academic, administrative, technical staff and bulletin team who has been serving the faculty with passion. Despite the uncertainty of COVID-19 pandemic, we should adapt ourselves to the new norms of teaching and learning, faculty meetings and research using online modes.

While there were challenges at the beginning, we were able to overcome these obstacles. I am confident that cooperation among the faculty members can help to produce knowledgeable, high skilled and competitive graduates within the sphere of software engineering, system networking, graphics, and multimedia.

May Allah give strength to our faculty to excel in the direction of strategic plan and become one of the leading IT programme providers in Malaysia for its quality of education, soft skills and technological skills.



Associate Professor Ts. Dr. Adzhar Kamaludin



FACULTY ACTIVITIES

## FK FAMILY: WARMEST CONGRATULATIONS TO FK STAFF ON THEIR NEW APPOINTMENTS!



**Associate Professor Dr. Mohamed Ariff  
Amedeen**

DIRECTOR AND CHIEF INFORMATION OFFICER,  
DEPARTMENT OF KNOWLEDGE MANAGEMENT  
AND INFORMATION TECHNOLOGY



**Associate Professor Dr. Noraziah Ahmad  
Evaluation Panel**

RESEARCH INTEREST GROUP (RIG) RATING,  
UITM PERLIS



**Associate Professor Ts.Dr. Mazlina Abdul Majid**  
CLUSTER FOR TECHNOLOGY OF POLICY  
FORMULATION AND ACTION PLAN FOR PAHANG  
WOMEN



**Dr. Nurzety Aqtar Ahmad Azuan**  
PROMOTION ON ACADEMIC POST OF DS52





## FK FAMILY: CORDIAL WELCOME TO NEW STAFF



**Raja Allen Jordan Izzuddin Shah Raja  
Baharudin**

SENIOR EXECUTIVE

**Nurshafiqa Saffah Mohd Sharif**  
FELO PERUNDING



**Nur Farahaina Idris**  
FELO PERUNDING

## FK FAMILY: THANKS FOR YOUR SERVICE

**Aminatul Nor Mohamed Said**  
SENIOR EXECUTIVE



## SANJUNGAN BUDI CEREMONY

PEKAN, 23 February 2022 - A total of 63 staff of Universiti Malaysia Pahang (UMP) who have contributed for more than two decades at the university were celebrated in the *Sanjungan Budi* Ceremony in conjunction with UMP's 20th Anniversary Celebration this year.

Professor Dato' Ts. Dr. Yuserrie Zainuddin, who performs the function of Vice-Chancellor, was present to present certificates of appreciation to the recipients in a program organized by the Registrar's Department at the UMP Gambang Pavilion Hall, here recently.



According to Professor Dato' Ts. Dr. Yuserrie Zainuddin, 20 years is not a short period in which UMP has gone through all the challenges, competed to be the best higher education institution and become the choice of stakeholders.

## CYBER SECURITY IN THE COVID ERA

PEKAN, 9 February 2022 – Successful knowledge sharing by FK academician, Ts. Dr. Izham Jaya, who conducted a sharing session on cyber security in the COVID era with members of the Road Transport Department throughout Malaysia. This sharing session was held virtually over zoom application.

**SEMINAR TECHNOLOGY UPDATE**  
**LINDUNGI DATA PERIBADI** *join online*

En. Mohd Fazli Azran  
Cyber Security Expert

Ts. Dr. Mohd Izham Mohd Jaya  
Universiti Malaysia Pahang

En. Harisfazillah Jamel  
Malaysia Open Source Guru

8 - 9 Februari 2022 (Selasa - Rabu)  
 9.00pagi - 5.00petang  
 Virtual | Zoom

Daftar Sekarang  
[academy.jpj.gov.my](https://academy.jpj.gov.my)



# HAPPY CHINESE NEW YEAR



PEKAN, 1  
February 2022 –  
FK wish you  
Happy Chinese  
New Year 2022 to  
all who celebrate  
it.

恭喜发财。  
新年快乐·万事  
如意

## INDUSTRY TALK: CYBERSECURITY BEGINNER IN OS PLATFORMS

PEKAN, 21 January 2022 - FK has organized a sharing session of Survival skill for Cybersecurity Beginner in OS platforms. This session focused more on gathering knowledge and skills and preparing students themselves for internship and industry work environments. The talk was given by Threat and Vulnerability Management, Bank Negara Malaysia, Ts. Tahrizi Tahreb. Many FK students and UMP staff have attended the talk and gathered knowledge on cybersecurity skills.

A sharing knowledge session of

### Survival Skill for Cybersecurity Beginner in OS Platforms

AN INDUSTRY LECTURE FOR  
DCN1033 (OPERATING  
SYSTEMS) STUDENTS AND  
TO ALL FK STUDENTS

**21 JANUARY  
2022  
9 - 11 PM**

**SPEAKER:**  
TS. TAHRIZI TAHRIB  
THREAT AND VULNERABILITY MANAGEMENT,  
BANK NEGARA MALAYSIA

**THE TALK WILL ALSO TOUCH ON:**  
how to prepare yourself when facing  
industry/internship/work  
The essential knowledge and skill to be  
groomed now to face the challenge in  
the industry

**ORGANIZED BY:**  
FACULTY OF COMPUTING (FK)

**Contact person:**  
Dr. Ahmad Firdaus Zainal  
Abidin  
(firdausza@ump.edu.my)  
Dr. Suraya Abu Bakar  
(surayaab@ump.edu.my)  
AP Dr. Mohamed Ariff  
Ameedeen  
(mohamedariff@ump.edu.my)

## INDUSTRY TALK: 3D MODELLING

**Graphics & Multimedia Department**  
**Industrial Talk #5**

**3D Material and Texturing using V-Ray - From the Perspective of the Industry**

Live from Robust HPC Sdn Bhd via:

**Zoom Meeting**  
923 7806 2403: Meeting ID  
261795: Passcode  
Faculty of Computing - FK UMP

Students are eligible to receive a V-Ray Certificate of Attendance

Scan for Registration:

**Speaker**  
**Ensun Yeep**  
SME Project Manager  
V-Ray Certified Trainer  
Robust HPC Sdn Bhd

**MYT Time Zone**  
Thursday  
Jan 20,  
12PM- 2PM

**Everyone is invited**  
Compulsory for  
BCM3223 - 3D Modelling & Animation

<https://bit.ly/3y8Typ3>

PEKAN, 20 January 2022 –FK has organized a webinar to share the implementation of industry experience especially in 3D material. The talk was given by SME Project Manager, V-Ray Certified trainer, Robust HPC Sdn Bhd, Mr. Ensun Yeep. The session was conducted via Zoom meeting for FK students. Mr. Ensun Yeep shared about his experience being in the industry especially 3D modelling. The participants gained knowledge on 3D material and texturing using V-Ray from the perspective of industry.

## INDUSTRY TALK: VoIP: HOW DOES IT WORK?

PEKAN, 20 January 2022 - FK has organized an industrial talk on the title, 'VoIP: How does it work?'. This session was given by Senior Executive officer, Fix and Go, Ts.Mohd Haaziq Mohd Yusof. The sharing session focused on the current issues and trends of VoIP, industrial point of view of VoIP. Many FK students and staff have attended the talk and gathered knowledge on VoIP.

**A sharing knowledge session of**  
**VoIP: How does it work?**

AN INDUSTRY LECTURE  
FOR BCM3033 (NETWORK PROGRAMMING)  
STUDENTS AND ALL FK STUDENTS

**20 JANUARY 2022**  
12 - 2 PM

**SPEAKER:**  
TS. MOHD HAAZIQ MOHD YUSOF  
KETUA PEGAWAI EKSEKUTIF  
FIX & GO

**THE TALK WILL TOUCH ABOUT:**  
Current issues and trends in VoIP  
VoIP in industrial point of view

**CONTACT PERSONS:**  
Dr. Ahmad Firdaus Zainal Abidin  
(firdausza@ump.edu.my)

**ORGANIZED BY:**  
FACULTY OF COMPUTING, UMP



## GLOBAL LECTURE: CLOUD COMPUTING TECHNOLOGY



PEKAN, 19 January 2022 - A global lecture on 'Cloud Computing Technology' was conducted by FK. Several FK students and staff have participated in this lecture. The speaker of this session was Lecturer, Bina Nusantara University, Indonesia Arief Agus Sukmandhani. The talk has focussed on the current issues and trends and Security in cloud computing. The participants gained better knowledge on cloud computing.

## FK STAFF CLUB (KESUKOMP): LUNCH EVENT

PEKAN, 19 January 2022 - All faculty members The FK staff club (KESUKOMP) held a lunch event at the FK. All Kesukomp members have attended and cherished the event.



## INDUSTRY TALK: DATA CENTRIC

PEKAN, 19 January 2022 - FK has organized an industry sharing session on the title, 'Data Centric: Why we need/consider to implement data centric in new revolution in the data system?'. This session focused on how big companies manage, categorise and classify data; how to use the latest cloud technology and integrate it with the features of cybersecurity and VPN. The speaker of this talk was Senior SAP Consultant from Petronas Digital Sdn Bhd, Mr. Amir Erwan Ahmad Khalili. Many FK students and UMP staff have attended the talk and gathered knowledge on data centric system



**A sharing knowledge session of**  
**Data Centric: Why we need / consider to implement data centric in new revolution in the data system?**

AN INDUSTRY LECTURE FOR  
 BCN3063 (DISTRIBUTED & PARALLEL COMPUTING)  
 STUDENTS AND ALL FK STUDENTS

**19 JANUARY 2022**  
**2 - 4 PM**

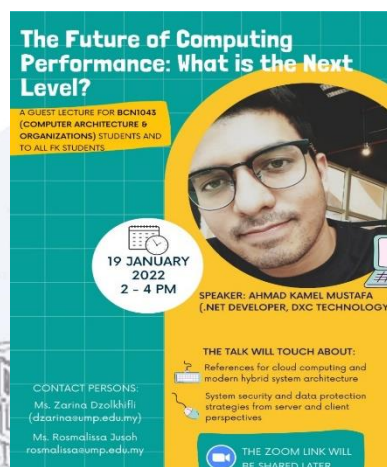
**SPEAKER:**  
 AMIR ERWAN BIN AHMAD KHALILI  
 SENIOR SAP CONSULTANT,  
 PETRONAS DIGITAL SDN BHD

**THE TALK WILL TOUCH ABOUT:**  
 How big companies do in managing the data, categorizing and classifying our data  
 How to use the latest cloud technology and integrate it with Cyber Security features and VPN

**CONTACT PERSONS:**  
 Ts. Dr. Wan Isni Sofiah Wan Din  
 (sofiaheump.edu.my)

THE MEET LINK WILL BE SHARED LATER

## INDUSTRY TALK: THE FUTURE OF COMPUTING PERFORMANCE



**The Future of Computing Performance: What is the Next Level?**

A GUEST LECTURE FOR BCN1045 (COMPUTER ARCHITECTURE & ORGANIZATIONS) STUDENTS AND TO ALL FK STUDENTS

**19 JANUARY 2022**  
**2 - 4 PM**

**SPEAKER:** AHMAD KAMEL MUSTAFA  
 (.NET DEVELOPER, DXC TECHNOLOGY)

**THE TALK WILL TOUCH ABOUT:**  
 References for cloud computing and modern hybrid system architecture  
 System security and data protection strategies from server and client perspectives

**CONTACT PERSONS:**  
 Ms. Zarina Dzulkhilifi (dzarinavmp.edu.my)  
 Ms. Rosmalisa Jusoh (rosmalissavmp.edu.my)

THE ZOOM LINK WILL BE SHARED LATER

PEKAN, 19 January 2022 - Centre of Instructional Resources & e-Learning (CIReL) has organized a guest lecture on 'The Future of Computing performance: What is the next level?' This talk was given by .Net developer from DXC Technology, Mr. Ahmad Kamel Mustafa. The lecture session focused on modern hybrid system architecture, system security and data protection strategies from server and client perspectives. Many FK students and staff have attended the talk and gathered knowledge.



# INDUSTRY TALK: COMPUTER GRAPHIC IN INDUSTRY

PEKAN, 14 January 2022 – All faculty members are invited to join this industrial talk. Senior Software Engineer Unity Technologies, Brendan Duncan, has shared his life journey and experience being in the industry for more than 20 years. Following is

The poster is for an industrial talk series. At the top, it says 'Faculty of Computing' and 'BCM2053 COMPUTER GRAPHICS'. The main title is 'COMPUTER GRAPHICS IN INDUSTRY: A life journey & experience' with the date 'Tuesday 18 Jan 2022 - 9.00am MYT'. It features a photo of Mr. Brendan Duncan, a Senior Software Engineer at Unity Technologies. A timeline of his career is shown: 1y+ Founder/Developer at Jissai Graphics LLC; 8y+ Senior Software Engineer at Walt Disney Animation Studios; 3y+ R&D Senior Software Engineer at DreamWorks Animation; 4y+ Software Engineer at Google; 1y+ Software Engineer at Apple; and 2y+ Senior Software Engineer at Unity Technologies. The bottom of the poster includes social media links and a 'LIVE' button.

Duncan portfolio:

- 2001 - 2009: Senior software engineer (Walt Disney Animation Studios)
- 2009 - 2013: R&D Senior Software Engineer (DreamWorks Animation)
- 2013 - 2017: Software Engineer (Google)
- 2017 - 2019: Software Engineer (Apple)
- 2019 - present: Senior Software Engineer (Unity Technologies)

## INDUSTRY SITE VISIT



PEKAN, 13 January 2022 – A team from the Pekan Community College, Pahang has visited FK. The visit included the discussion for the potential collaboration among them. The representatives of Pekan Community College and FK staff were involved in the discussion. Activities such as providing short-term courses were also discussed. The visit aims to discuss the potential of collaboration and planning of short - term course activities with the FK.

## INTERNET OF THING (IoT) SMART FARMING

PEKAN, 12 January 2022 – The visit of FK researchers to the site of the IOT Smart Farming project led by FK lecturer, Dr. Azamudin Ab Rahman, located in Kmpung Sri Fajar, Kuantan, Pahang.



## UDAS- UMP DIGITAL ASSESSMENT SYSTEM

Sharing Session

UDAS

UMP Digital Assessment System For Final Exam

07<sup>th</sup> January 2022, Friday  
10.00 am - 12.00 pm

JOIN US

Join Ms Teams  
<https://tinyurl.com/mt3h6447>

**Dr Al-Fahim Mubarak Ali**  
Head of Technical  
Centre of Instructional Resources & e-Learning

Agenda

- 1 Student integrity form
- 2 Proctoring method
- 3 Setup questions in the UDAS platform

TEKNOLOGI  
UNTUK  
MASYARAKAT

5 STARS  
QS RATED FOR EXCELLENCE  
2019

751-800  
QS WORLD UNIVERSITY  
RANKINGS 2021

#133 ASIA  
QS WORLD UNIVERSITY  
RANKINGS 2021

cirel.ump.edu.my

PEKAN, 7 January 2022 – The FK academician and Head of Technical, Centre of Instructional Resources & e-Learning, Dr. Al-Fahim Mubarak Ali has shared a session on UMP Digital Assessment System (UDAS) for final examination for UMP staff. The session explored the attendees to the hands-on for setting up the requirements for conducting online examinations in the university. Also, the session eased the participants on understanding the platform for online examination.



## STUDENTS ACTIVITIES

## DIALOGUE WITH DEAN FK

PEKAN, 28 January 2022 – ‘Dialog Bersama Dekan FK’ was carried out as a result of efforts PETAKOM for all first year FK students. This program aims to provide an opportunity for FK students to have a dialogue with Dean of the FK, Associate Professor Ts. Dr. Adzhar Kamaluddin on any questions, problems, feedback or suggestions to improve the management of the FK.

**LIVE STREAMING**  
Platform: FACEBOOK PETAKOM

**DIALOG BERSAMA DEKAN FK**

28 JANUARI 2022 JUMAAT 8.00PM

**Moderator:**  
**Dhiyaurrahman bin Danial**  
Mantan Timbalan Ketua Portfolio Akademik & Kebajikan PETAKOM UMP Sesi 2020/2021

**Tetamu Kehormat:**  
**Profesor Madya Ts. Dr. Adzhar Kamaluddin**  
Dekan  
Fakulti Komputeran (FK)  
Universiti Malaysia Pahang

[https://bit.ly/feedback\\_dean](https://bit.ly/feedback_dean)  
Borang Soalan, Maklum Balas, Atau Cadangan Pelajar Kepada Dekan FK

**PETAKOM** Sahaja & Kebajikan Sesi 21/22

## POST GRADUATE OF COMPUTING SOCIETY (PGKOM)

PEKAN, 28 January 2022 – First PGKOM committee meeting was held in FK. Many thanks to all supervisors who have always encouraged their PG students to get involved in post-graduate society.



ACHIEVEMENTS & APPRECIATIONS

## PROMOTION ON ACADEMIC POST

Congratulations Dr. Nurzety Aqtar Ahmad Azuan for the promotion to DS52 post.



## AWARD OF EXCELLENCE

Congratulations Dr. Yusnita binti Muhamad Noor



**Anugerah Kecemerlangan Keselamatan & Kesihatan Pekerjaan**  
(Kategori Residen Pelajar)  
RM3,000.00

**Wakil/Ketua Jabatan/Pengerusi Jawatankuasa**  
Jawatankuasa Keselamatan dan Kesihatan Pekerjaan Kolej  
Kediaman (KKP1)  
Jabatan Hal Ehwal Pelajar & Alumni  
**Dr. Yusnita binti Muhamad Noor**





# FYPRO-COM CARNIVAL SEM 1 2021/2022

Congratulations to all students and supervisors! We wish you all the best.

## GOLD



UOCA: UMP OFF-CAMPUS HOUSE RENTAL SYSTEM  
**CB18068 WEE YUU CHENG**  
 SUPERVISOR : DR. FAUZIAH BINTI ZAINUDDIN

CAMPFIRE TALES AR: AUGMENTED REALITY EXPERIENCE USING  
 AR FOUNDATIONFOR STEALTH GAMES  
**CD18057 TEO WEI SONG**  
 SUPERVISOR : TS. DR. FERDA ERNAWAN

EDUCATIONAL PROBLEM SOLVING GAME FOR ELEMENTARY STUDENTS  
 (SKY TOWER)  
**CD18053 OOI KAI XUAN**  
 SUPERVISOR : TS. DR. SURYANTI BINTI AWANG

INTERNET OF THINGS (IoT) BASED MEDICINE BOX REMINDER SYSTEM FOR  
 ELDERLY LIVING ALONE (ELA)  
**CB18112 LIEW YOON HONG**  
 SUPERVISOR : DR. NOR SARADATUL AKMAR BINTI ZULKIFLI



SCRUTINYX: PHP SQL INJECTION ANALYSIS TOOL  
**CB18189 ADAM AIMAN BIN ZULKORNAIN**  
 SUPERVISOR : DR. AL-FAHIM BIN MUBARAK ALI

AUGMENTED NAVIGATION FOR KUANTAN CITY MALL  
**CD18020 FOO JING YING**  
 SUPERVISOR : DR. BARIAH BINTI YUSOB

## GOLD

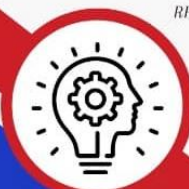


SMART HOME ANTI-THEFT SYSTEM (SHATS)  
**CB18099 CHOONG KIT HUEY**  
 SUPERVISOR : DR. NURZETY AQTAR BINTI AHMAD AZUAN

MALAYSIA COMMON DOG BREED RECOGNITION ANDROID MOBILE APPLICATION  
**CB18109 NG KOK THAI**  
 SUPERVISOR : DR. ANIS FARIHAN BINTI MAT RAFFEI

MYFREELANCER MOBILE APPLICATION  
**CA18022 CHEAH JIA LI**  
 SUPERVISOR : DR. MOHD ZAMRI BIN OSMAN

AI-POWERED CASHIER SYSTEM  
**CA19143 MUHAMMAD DANIAL BIN MOHAMAD RIZWAN**  
 SUPERVISOR : TS. DR. SYAFIQ FAUZI BIN KAMARULZAMAN



RESIT : RECEIPT AND EXPENSE MANAGEMENT MOBILE APPLICATION  
**CC19325 MUHAMMAD YAZID BIN ZULFAR SHARIEL**  
 SUPERVISOR : DR. NGAHZAIFA AB GHANI

**SILVER**



EDGE NODE PLACEMENT PROBLEM SOLUTION IN 5G WIRELESS NETWORK

**CA18088 SOO PEI YEE**

SUPERVISOR : DR. SALWANA BINTI MOHAMAD @ ASMARA

FK LASER SQUAD: AUGMENTED REALITY GAME

**CD18006 WONG MING LANG**

SUPERVISOR : TS. DR. FERDA ERNAWAN

SECURE NOTE WEB APPLICATION WITH ENVELOPE ENCRYPTION AND 2FA

**CB18171 JASON HIEW WENG YEE**

SUPERVISOR : DR. LIEW SIAU CHUIN

MEDIAFY MEDIA PLAYER FOR ANDROID TV

**CA18144 MOHAMAD ASYRAF BIN MOHD ADNAN**

SUPERVISOR : PN. WAN NURULSAFAWATI BINTI WAN MANAN

CAR RENT AND CAB SERVICE MOBILE APPLICATION FOR UMP STUDENTS

**CA18058 NG CHEE MING**

SUPERVISOR : EN. ABDULLAH BIN MAT SAFRI



SMART FISH FEEDING CONTROL FOR HOME AQUARIUM

**CA18027 NUR MARISSA AMYZA BINTI SAFIRUL ESMADY**

SUPERVISOR : TS. DR. MOHD ARFIAN BIN ISMAIL

**SILVER**



HEART DISEASE DIAGNOSIS PREDICTION BY USING CBR ALGORITHM

**CA18020 LEE MIN HUI**

SUPERVISOR : EN. MOHD HAFIZ BIN MOHD HASSIN

GAME-BASED LEARNING SCIENCE EXPERIMENT FOR PRIMARY SCHOOL

STUDENTS : ESCAPE WITH EXPERIMENT

**CD18027 YEONG HUI YING**

SUPERVISOR : DR. ZAHIAN BINTI ISMAIL

UMP BREACH CYBER ATTACK SYSTEM (UMPBCAS)

**CB18058 JAY SHARUBEN A/L KRIPAKARAN**

SUPERVISOR : DR. JUNAIDA BINTI SULAIMAN

INVENTORY MANAGEMENT SYSTEM WEB-BASED DEVELOPMENT

**CB18076 NUR ANIS BINTI MOHD NOOR**

SUPERVISOR : DR. NUR SHAMSIYAH BINTI ABDUL RAHMAN

CARSERV: VEHICLE MAINTENANCE REMINDER APPLICATION

**CA18146 MOHAMMAD ASYRAF ALIFF BIN HABIB**

SUPERVISOR : DR. JAMALUDIN BIN SALLIM



KUANTAN PARKING SYSTEM USING QR CODE (KPS)

**CB18019 SITI NUR SYAHIRAH BINTI MARSAN**

SUPERVISOR : TS. DR. SURYANTI BINTI AWANG





**SILVER**



*A RESEARCH TOWARDS CREATING CONCERNED USERS ON SOCIAL MEDIA POSTINGS THROUGH FILTRATION*

**CB19122 LAVANNYA A/P RAVINTHARAN**  
SUPERVISOR : DR. MOHD AZWAN BIN MOHAMAD @ HAMZA

*SMART E-COUNSELLING SYSTEM FOR STUDENTS MENTAL HEALTH*

**CA18131 EUNICE FPHINAH A/P RAMAMOORTHY**  
SUPERVISOR : EN. ABDULLAH BIN MAT SAFRI

*PARENT-TEACHER ASSOCIATION MANAGEMENT SYSTEM (PTAMS)*

**CB18048 NUR ATIRAH BINTI GHAZALI**  
SUPERVISOR : DR. NOORLIN BINTI MOHD ALI

*HEALTHY PET VETERINARY CLINIC BOOKING SYSTEM*

**CC19294 ANITH NUUR JASLYN BINTI MOHD ARIFFIN**  
SUPERVISOR : DR ZAHIAN ISMAIL

*LOCAL GARDEN DELIVERY SYSTEM*

**CC19265 MUHAMMAD ARIEF BIN HELMY MURAD**  
SUPERVISOR : DR. MOHD FAIZAL BIN AB RAZAK



**BRONZE**



*INDOOR NAVIGATION SYSTEM BY USING QR CODE (SCAN & GO)*

**CA18109 BERNARD KHOO JIAN HENG**  
SUPERVISOR : TS. DR. AZLEE BIN ZABIDI

*ANONYMOUS ACTIVE LISTENER FOR DEPRESSION IN MOBILE APPLICATION*

**CB18072 LIM FANG CHUN**  
SUPERVISOR : DR. ANIS FARIHAN BINTI MAT RAFFEI



## VIVA-VOCE 2022

Heartiest congratulations to Ali Muttaieb Hasan Fatlawi and his committee supervisors, Ts. Dr. Taha Hussein Alaaldein Rassem, Associate Professor Ts. Dr. Md Arafatur Rahman and Ts. Dr. Noorhuzaimi@Karimah Mohd Noor for successfully passing his PhD viva-voce.



**FK POSTGRADUATE VIVA-VOCE**

**Heartiest Congratulations**  
On Passing Your **VIVA-VOCE 2022**

**ALI MUTTAIEB HASAN FATLAWI**  
Doctor of Philosophy (PhD)

Thesis Title:  
**SEMANTIC REPRESENTATION FOR TEXT MINING FROM SOCIAL MEDIA USING KNOWLEDGE FEATURE-BASED METHODS**

**Supervisor**  
**TS. DR. TAHA HUSSEIN ALAALDEEN RASSEM**  
Senior Lecturer  
Faculty of Computing, Universiti Malaysia Pahang

**Co-Supervisor**  
**TS. DR. NOORHUZAIMI@KARIMAH MOHD NOOR**  
Senior Lecturer  
Faculty of Computing, Universiti Malaysia Pahang

UNIVERSITI MALAYSIA PAHANG  
FAKULTI KOMPUTERAN

Heartiest congratulations to Karim Mahima and her committee supervisors, Associate Professor Ts. Dr. Md Arafatur Rahman and Dr. Suraya Abu Bakar for passing her master viva-voce.



**FK POSTGRADUATE VIVA-VOCE**

**Heartiest Congratulations**  
On Passing Your **VIVA-VOCE 2022**

**KARIM MAHIMA**  
Master of Science

Thesis Title:  
**HYBRID MAC STRATEGY EXPLOITING MARKOV CHAIN MODEL FOR IOT ENABLED INTRA-VEHICULAR HEALTH MONITORING SYSTEM**

**Supervisor**  
**ASSOC. PROF. TS. DR. MD ARAFATUR RAHMAN**  
Senior Lecturer  
Faculty of Computing, Universiti Malaysia Pahang

**Co-Supervisor**  
**DR. SURAYA ABU BAKAR**  
Senior Lecturer  
Faculty of Computing, Universiti Malaysia Pahang

UNIVERSITI MALAYSIA PAHANG  
FAKULTI KOMPUTERAN



Heartiest congratulations to Juliza Mohamad Arid and her committee supervisors Ts. Dr. Mohd Faizal Ab Razak and Ts. Dr. Suryanti Awang for passing her Master viva-voce.

**FK POSTGRADUATE VIVA-VOCE**

**Heartiest Congratulations**  
On Passing Your **VIVA-VOCE 2022**

**JULIZA MOHAMAD ARIF**  
Master of Computer Science (Security)

Thesis Title:  
**FUZZY ANALYTICAL HIERARCHY PROCESS BASED RISK ASSESSMENT FOR MALWARE DETECTION IN ANDROID MOBILE SYSTEM**

**Supervisor**  
**TS. DR. MOHD FAIZAL AB RAZAK**  
Senior Lecturer  
Faculty of Computing, Universiti Malaysia Pahang

**Co-Supervisor**  
**TS. DR. SURYANTI AWANG**  
Senior Lecturer  
Faculty of Computing, Universiti Malaysia Pahang

Heartiest congratulations to Noor Syahirah Nordin and her supervisors Ts. Dr. Mohd Arfian Ismail for passing her Master viva-voce.

**FK POSTGRADUATE VIVA-VOCE**

**Heartiest Congratulations**  
On Passing Your **VIVA-VOCE 2022**

**NOOR SYAHIRAH NORDIN**  
Master of Science

Thesis Title:  
**AN IMPROVED METHOD USING FUZZY SYSTEM BASED ON HYBRID BOAHS FOR PHISHING ATTACK DETECTION**

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