

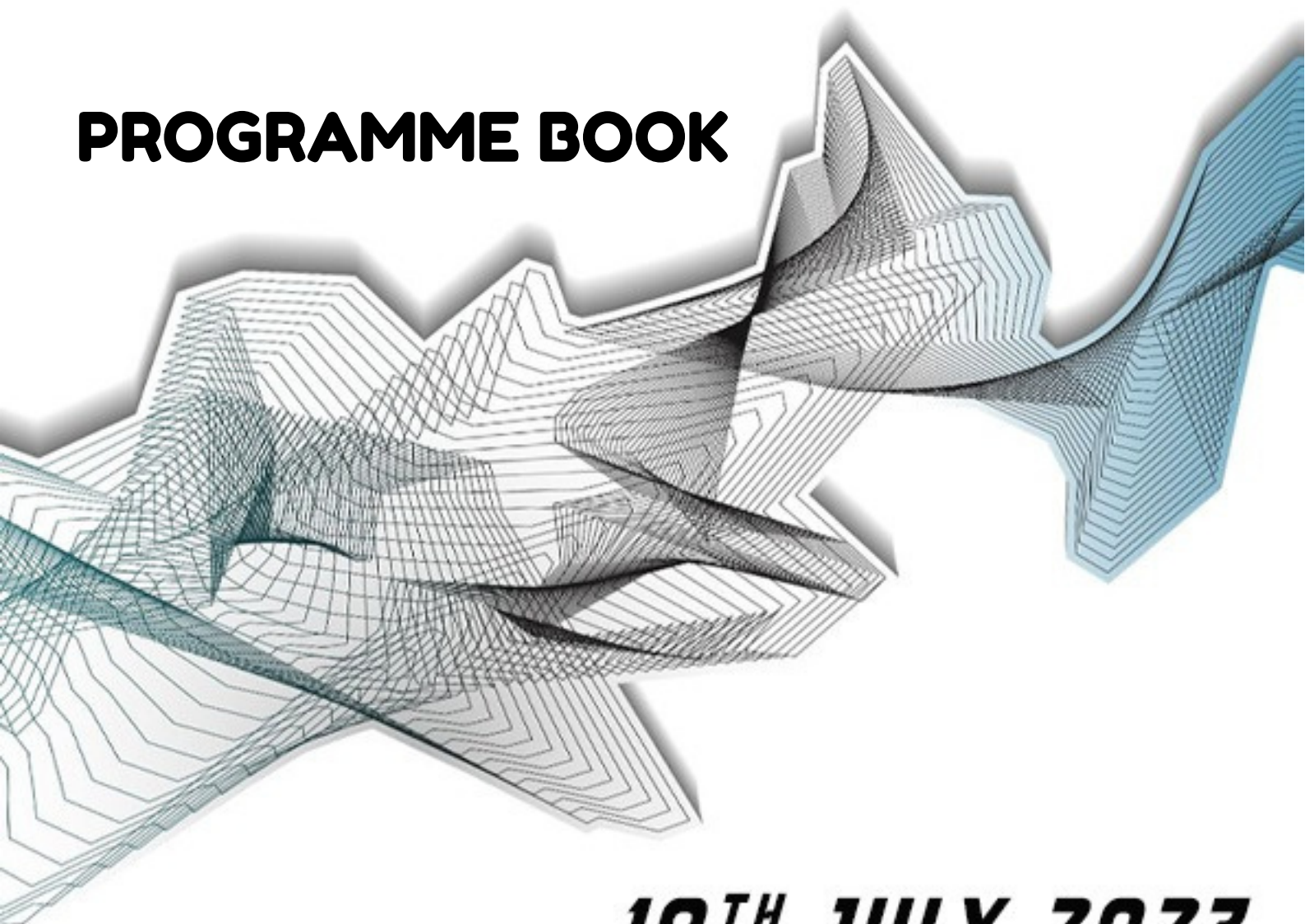


UNIVERSITI
TEKNOLOGI
MARA

Perlis Branch
Arau Campus

SIXTH EDITION
REMACS
RESEARCH EXHIBITION IN MATHEMATICS AND COMPUTER SCIENCES

PROGRAMME BOOK



18TH JULY 2023
DEWAN SERI SEMARAK

"IGNITE YOUR IMAGINATION WITH INTELLIGENT CREATIVITY"

ORGANIZED BY
COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS
UNIVERSITI TEKNOLOGI MARA PERLIS BRANCH

PROGRAMME BOOK

Sixth Edition



REMACS

Research Exhibition in Mathematics & Computer Sciences (REMACS)

Sixth Edition

- **CS240 - BACHELOR OF INFORMATION TECHNOLOGY [HONS.]**
- **CS248 - BACHELOR OF SCIENCE [HONS.] MANAGEMENT MATHEMATICS**
- **CS251 - BACHELOR OF COMPUTER SCIENCE [HONS.] NETCENTRIC COMPUTING**
- **CS255 - BACHELOR OF COMPUTER SCIENCE [HONS.] COMPUTER NETWORKS**

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COMMITTEE

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- DR. SYARFINAS AHMAD (K)
- DR. NUR IZZATI KHAIRUDIN

DIGITAL DESIGN COORDINATOR

- EN ABDUL HAPES MOHAMMED

EVENT SCHEDULE

7.30 am – 8.00 am : Registration

8.00 am – 12.30 pm : Video Pitching, Poster & Project Presentations

12:30 pm – 3.00 pm : Lunch Break & Preparation

3:00 pm – 3:30 pm : Guest Speaker

3:30 pm – 5.00 pm :

- **Closing Ceremony**
- **REMACS 6.0 Director's Speech**
- **Opening speech of the Rector of UiTM Perlis Branch**
- **REMACS 4.0 Montage**
- **Awarding of Winners**
 - **Rector's Award (Best Project)**
 - **Best Project Award by Programme**
 - **Best Video Pitching by Programme**
 - **Best Poster by Programme**
- **End of Ceremony**



EXHIBITION LAYOUT



Cawangan Perlis
Kampus Arau

DEWAN SERI SEMARAK TABLE PLAN
COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS
RESEARCH EXHIBITION IN MATHEMATICS AND COMPUTER SCIENCE (REMACS 6.0)
18 JULY 2023 | 8:00 AM – 5:00 PM | DEWAN SERI SEMARAK, UiTM CAWANGAN PERLIS

A01 – A28	CS248
B01 – B28	CS240
C01 – C30	CS251
D01 – D29	CS245 / CS255

STAGE

A01	A02	A05	A06
A04	A03	A08	A07
A09	A10	A13	A14
A12	A11	A16	A15
A17	A18	A21	A22
A20	A19	A24	A23
A25	A26	A27	A28
	Judge	Table	

B01	B02	B05	B06
B04	B03	B08	B07
B09	B10	B13	B14
B12	B11	B16	B15
B17	B18	B21	B22
B20	B19	B24	B23
B25	B26	B27	
	Judge	Table	

C01	C02	C04	C05
C03	C03	C07	C06
C08	C09	C12	C13
C11	C10	C16	C14
C15	C15	C19	C20
C18	C17	C22	C21
C23	C24	C27	C28
C26	C25	C30	C29

D01	D02	D04	D05
D03	D03	D07	D06
D08	D08	D10	D10
D11	D09	D15	D14
D12	D12	D16	D18
D13	D13	D17	D17
D19	D19	D21	D23
D20	D20	D22	D22
D24	D25	D29	D29
D27	D26	D28	

ENTRANCE

Judge

Registration



**LIST OF TOPICS,
EXAMINERS
AND
JUDGES**

LIST OF TOPICS, EXAMINERS & JUDGES

Course Code: MSP660

Group: RCS2486A

Programme: CS248

BOOTH NO.	TOPIC & AUTHORS	EXAMINER	PANEL	JUDGE 1 (VIDEO PITCHING & POSTER)	JUDGE 2 (VIDEO PITCHING & POSTER)
A01	APPLICATION OF SMOTE TECHNIQUE FOR IMBALANCED BREAST CANCER DATA SET AMIRATUL ALYSHA BINTI MOHD ZULFA & MUHAMAD HASBULLAH MOHD RAZALI	BALKIAH MOKTAR	RIZAUDDIN SAIAN (PM Ts. DR)	MAHYUDIN AHMAD (PM DR)	NURUL FARIHIN MHD NASIR
A02	RANKING THE KEY FACTORS INFLUENCING THE ACCEPTANCE OF DIGITAL PAYMENT AMONG LOCAL RETAILERS USING FUZZY ANALYTICAL HIERARCHY PROCESS (FAHP) FATIN NUR LIYANA BINTI MD FAUZAN & TEOH YEONG KIN	WAN NURSHAZELIN WAN SHAHIDAN	MOHD FAZRIL IZHAR MOHD IDRIS	MAHYUDIN AHMAD (PM DR)	NOORSYAM YUSOF
A03	SUPPLIER SELECTION CRITERIA IN UiTM ARAU CAFETERIA USING FUZZY AHP METHOD MOHAMAD IZZAT BIN MOHD RADZI & MOHD HALIMI ABDUL HAMID	MOHAMAD NAJIB MOHAMAD FADZIL	SUZANAWATI ABU HASAN	MARLIA MUSA	NOORFATEKAH TALIB
A04	ANALYZING THE FACTORS TO BE A SUCCESSFUL ATHLETE BY USING FUZZY AHP METHOD MUHAMMAD AMSYAR BIN IZMI & KHAIRU AZLAN ABDUL AZIZ	MOHD HALIMI ABDUL HAMID	ZURINA KASIM	MARLIA MUSA	NOORAZWANI MOHD RAZI
A05	COMPARATIVE ANALYSIS OF TAYLOR SERIES AND RUNGE-KUTTA FEHLBERG METHODS IN SOLVING THE LOTKA-VOLTERRA COMPETITIVE MODEL MUHAMMAD NAJMI BIN ABDUL MANAF & NUR FATIHAH FAUZI (DR.)	SITI SARAH RASELI	NUR IZZATI KHAIRUDIN (DR.)	MOHD ADLY ROSLY (DR)	NOOR SHARIDA BADRI SHAH

A06	RANKING MOTOCYCLE BRAND USING FUZZY TOPSIS MUHAMMAD NUR IKMAL BIN NOORALAM & ZURINA KASIM	TEOH YEONG KIN	IZLEEN IBRAHIM	MOHD ADLY ROSLY (DR)	NOOR HAFIZHA MUHAMAD YUSUF
A07	TRANSSHIPMENT DEMAND IN VEHICLE ROUTING PROBLEM USING GENETIC ALGORITHM NAJIHATUN NISA BINTI AZIZ & HUDA ZUHRAH AB HALIM (DR.)	DIANA SIRMAYUNIE MOHD NASIR	SITI HAFAWATI JAMALUDDIN	MADHIYAH YAHAYA BERMAKAI	NAZIRAH NAIIMI
A08	ANALYSING TRANSMISSION OF TUBERCULOSIS IN MALAYSIA BY USING SIR MODEL NASRULLAH BIN JAMALUDDIN & KU AZLINA KU AKIL	NOORZILA SHARIF	NURIZATUL SYARFINAS AHMAD BAKHTIAR (DR.)	MADHIYAH YAHAYA BERMAKAI	NADIYAH HASHIM
A09	ALIGNED MAGNETOHYDRODYNAMIC MIXED CONVECTION FLOW OF CASSON HYBRID NANOFUID OVER A VERTICAL PLATE WITH NEWTONIAN HEATING NIK NUR KHAIRUNNISA AMALINA BINTI NIK ADEK & NURUL HIDAYAH AB RAJI	NUR FATIHAH FAUZI (DR.)	SITI SARAH RASELI	MOHD FARIDZ HAJI AHMAD (DR)	MUHAMMAD AZHAR ZULKFFLE
A10	IMPACT OF COVID-19 ON RANKING OF TAKAFUL OPERATORS IN MALAYSIA NUR AIMAN HAKIMI BIN MOHD RAFFI & ANAS FATHUL ARIFFIN	NORHAYATI SHAFII	KHAIRU AZLAN ABDUL AZIZ	MOHD FARIDZ HAJI AHMAD (DR)	MOHD FAUZI ABDULLAH
A11	SELECTION OF ZAKAH APPLICANTS BY USING FUZZY TOPSIS NUR AIN BINTI AZAHAR & JASMANI BIDIN	IZLEEN IBRAHIM	HUDA ZUHRAH AB HALIM (DR.)	MOHD FAUZI ABDULLAH	MOHD FARIDZ HAJI AHMAD (DR)
A12	FACTORS INFLUENCING STUDENTS' ACADEMIC PERFORMANCE DURING ONLINE CLASS: CASE STUDY AT UITM ARAU, PERLIS. NUR ATIQA NAJIHAH BINTI AMRAN & SITI NOR NADRAH MUHAMAD	JASMANI BIDIN	NORHAYATI SHAFII	MOHD FAUZI ABDULLAH	MADHIYAH YAHAYA BERMAKAI

A13	AN APPLICATION OF THE FUZZY ANALYTIC HIERARCHY PROCESS (FAHP) FOR THE PURPOSE OF MULTI-CRITERIA PURCHASING DECISIONS REGARDING VARIOUS BRAND OF MOTORCYCLES NUR ATIRAH BINTI ANNUAR FARISH & SUZANAWATI ABU HASAN	KHAIRU AZLAN ABDUL AZIZ	NOORZILA SHARIF	MUHAMMAD AZHAR ZULKFFLE	MARLIA MUSA
A14	ENHANCING THE ZAKAT FINANCIAL ASSISTANCE MODEL USING POLYTOMOUS LOGISTIC REGRESSION: A CASE STUDY AT UITM PERLIS BRANCH DURING THE COVID-19 PANDEMIC NUR AZMIRA BINTI MOHD NASIR & WAN NURSHAZELIN WAN SHAHIDAN	SITI NOR NADRAH MUHAMAD	MUHAMAD HASBULLAH MOHD RAZALI	MUHAMMAD AZHAR ZULKFFLE	NIK FATINAH
A15	NUMERICAL SOLUTION OF LOTKA-VOLTERRA COMPETITIVE HUNTER BY USING EULER AND RUNGE-KUTTA FEHLBERG METHOD NUR HIDAYAH BINTI ABD RAHAMAN & NURIZATUL SYARFINAS AHMAD BAKHTIAR (DR.)	NUR IZZATI KHAIRUDIN (DR.)	NURUL HIDAYAH AB RAJI	NADIYAH HASHIM	NIK FATINAH
A16	EVALUATION OF ONLINE FOOD DELIVERY APPLICATIONS AMONG UITM PERLIS STUDENTS USING FUZZY ELECTRE NUR IZZATI BINTI NOOR FAZLAN & RAIHANA ZAINORDIN	NORPAH MAHAT	SHARIFAH FHAHRIYAH SYED ABAS	NADIYAH HASHIM	NIK FATINAH
A17	MINIMIZATION OF TRAFFIC CONGESTION WITH SMART TRAFFIC LIGHT BY USING FUZZY LOGIC NUR QURRATU' AINI BINTI JEFRYDIN & SHARIFAH FHAHRIYAH SYED ABAS	MOHD FAZRIL IZHAR MOHD IDRIS	NORPAH MAHAT	NAZIRAH NAIIMI	NIK FATINAH
A18	FACTORS CONTRIBUTING TO LONG COVID USING ARTIFICIAL NEURAL NETWORK (ANN) NURAIN FARHANAH BINTI YUSAINI & IZLEEN IBRAHIM	NORWAZIAH MAHMUD	TEOH YEONG KIN	NAZIRAH NAIIMI	NORSAFINAR BINTI RAHIIM (DR.)

A19	RANKING RUNNING SHOES BY USING FUZZY TOPSIS NURFARANABILA BINTI BADRULHISHAM & RAIHANA ZAINORDIN	ZURINA KASIM	MOHD HALIMI ABDUL HAMID	NOOR HAFIZHA MUHAMAD YUSUF	NORSAFINAR BINTI RAHIIM (DR.)
A20	ANALYZING INFLUENTIAL FACTOR FOR PREFERABLE COURIER SERVICES IN MALAYSIA BY USING FUZZY AHP NURFILZAH BINTI MUHAMMAD MUNIB & MOHD FAZRIL IZHAR MOHD IDRIS	SHARIFAH FHARIYAH SYED ABAS	ANAS FATHUL ARIFFIN	NOOR HAFIZHA MUHAMAD YUSUF	NIK FATINAH
A21	FUZZY TOPSIS & FUZZY AHP IN SELECTING SUPPLIER FOR KOREAN RESTAURANT NURUL AQILAH BINTI AHMAD & NORPAH MAHAT	SUZANAWATI ABU HASAN	RAIHANA ZAINORDIN	NOOR SHARIDA BADRI SHAH	NORSAFINAR BINTI RAHIIM (DR.)
A22	EVALUATION OF CLASSIFICATION ALGORITHM WITH SOLUTION TO CLASS IMBALANCE PROBLEM ON ZAKAT DISTRIBUTION DATASET NURUL FAZIRA BINTI ISMAIL & NOR AZRIANI MOHAMAD NOR	AZLAN ABDUL AZIZ	NORWAZIAH MAHMUD	NOOR SHARIDA BADRI SHAH	NURUL IZZAH BINTI ABDUL AZIZ
A23	IMPROVE FORECAST ACCURACY BY USING REPEATED TIME SERIES CROSS VALIDATION (RTS-CV): A CASE STUDY OF DIGI SHARE PRICE NURUL IZZANIE BINTI MUHAMMAD ZAKI & AZLAN ABDUL AZIZ	NOR AZRIANI MOHAMAD NOR	BALKIAH MOKTAR	NOORAZWANI MOHD RAZI	NURUL IZZAH BINTI ABDUL AZIZ
A24	THE CUSPIDAL CURVE FROM THE INTERSECTION OF BISECTOR NURZULAIKHA BINTI ZULKAINI & SITI SARAH RASELI	NURIZATUL SYARFINAS AHMAD BAKHTIAR (DR.)	NUR FATIHAH FAUZI (DR.)	NOORAZWANI MOHD RAZI	ROS SYAMIMI BINTI HAMID
A25	FEASIBLE FEATURES OF BREAST CANCER RECURRENCE (BCR) USING MACHINE LEARNING ALGORITHMS RUSYADA ARDINA BINTI RUSHDI & BALKIAH MOKTAR	RIZAUDDIN SAIAN (DR.)	SITI NOR NADRAH MUHAMAD	NOORFATEKAH TALIB	ROS SYAMIMI BINTI HAMID

A26	OPTIMIZATION ON COST FOR SOLID WASTE COLLECTION USING GOAL PROGRAMMING METHOD SALWANI ASMAN & ANA SIRMAYUNIE MOHD NASIR	SITI HAFAWATI JAMALUDDIN	HUDA ZUHRAH AB HALIM (DR.)	NOORFATEKAH TALIB	ROS SYAMIMI BINTI HAMID
A27	ANALYZING THE VIRALITY OF DIETARY SUPPLEMENT MARKETING ON FACEBOOK USING SEIR MODEL SARAH NABILA BINTI CHE ZAINUDDIN & NOORZILA SHARIF	KU AZLINA KU AKIL	MOHAMAD NAJIB MOHAMAD FADZIL	NOORSYAM YUSOF	ROS SYAMIMI BINTI HAMID
A28	RAINFALL PREDICTION BY USING MACHINE LEARNING APPROACH SITI NURIN SYAFIQAH BINTI MOHD AKMAL & NORHAYATI SHAFII	MUHAMAD HASBULLAH MOHD RAZALI	NOR AZRIANI MOHAMAD NOR	NOORSYAM YUSOF	SITI ZULAIHA AHMAD (Ts. DR)

LIST OF TOPICS, EXAMINERS & JUDGES

Course Code: CSP650

Group: RCS2406A

Programme: CS240

BOOTH NO.	TOPIC AND AUTHORS	EXAMINER	JUDGE 1 (VIDEO PITCHING & POSTER)	JUDGE 2 (VIDEO PITCHING & POSTER)
B01	EXPENSES MANAGEMENT USING TEXT RECOGNITION FOR UNIVERSITY'S SCHOLARSHIP HOLDER ALIAH 'IZZATI ZAMRI & MOHD NIZAM OSMAN	KHAIRUL ANWAR SEDEK (DR)	FADHLINA CHE ARSHAD	AZLAN ABDUL AZIZ
B02	WEB-BASED STUDENT RESULT MANAGEMENT SYSTEM WITH WHATSAPP INTEGRATION AND DASHBOARD ANIS SYAFIQAH MOHD AZLI & MOHD NIZAM OSMAN	KHAIRUL ANWAR SEDEK (DR)	FADHLINA CHE ARSHAD	AZLAN ABDUL AZIZ
B03	BODY WEIGHT MANAGEMENT SYSTEM IZATUL NABILAH MOHD NASIRRUDIN & NADIA ABDUL WAHAB	NURUL IZZAH BINTI ABDUL AZIZ	DR HAFIZAH HAJIMIA	AZLAN ABDUL AZIZ
B04	MALAYSIA PARLIAMENT WEB-BASED SYSTEM MUHAMMAD ADIB RAHIMI OTHMAN & SITI ZULAIHA AHMAD	NOR ARZAMI OTHMAN	DR HAFIZAH HAJIMIA	DR HAFIZAH HAJIMIA DR ANG LEE SIN
B05	HIKING BUDDY FINDER WEB BASED APPLICATION NUR IZZATY MOHD RIDZUAN & NORZIANA YAHYA	RUZITA HJ AHMAD (DR)	MAJDAH CHULAN	ANAS FATHUL ARIFFIN
B06	WEB BASED CONTENT CREATOR FOR HOME TUITION TEACHERS NUR NAFIZAH ISHAK & NORZIANA YAHYA	MOHD NIZAM OSMAN	MAJDAH CHULAN	ANAS FATHUL ARIFFIN
B07	GAMIFIED E-LEARNING SYSTEM FOR PROGRAMMING NURALIA KAMIS & MAHFUDZAH OTHMAN	MUHAMMAD NABIL FIKRI JAMALUDDIN	DR NAZIRA OSMAN	ANAS FATHUL ARIFFIN

B08	STUDENTS EXTRA CO-CURRICULAR WITH QR REGISTRATION NURUL AFIFAH MOHD AZLAN & SHUKOR SANIM MOHD FAUZI	NORZIANA YAHYA (Ts. DR)	DR NAZIRA OSMAN	AZIANI AHMAD
B09	STUDENT RESIDENTIAL SEARCHING INTEGRATE WITH GOOGLE MAPS AND WHATSAPP API NURUL IZZAH MOHD AZRI & MOHD NIZAM OSMAN	NORSAFINAR BINTI RAHIM (DR.)	NOORAZALIA IZHA HARON	BALKIAH MOKTAR
B10	DENTAL CLINIC APPOINTMENT SYSTEM USING A WEB-BASED APPLICATION INTEGRATED WITH WHATSAPP MESSENGER SITI NURUJANNAH SULAIMAN & MOHD NIZAM OSMAN	SITI SARAH MD ILYAS	NOORAZALIA IZHA HARON	BALKIAH MOKTAR
B11	EDIARY FOR DYSTONIA PATIENT USING MOBILE APPLICATION UMI ESYAH MANSOR & ROMIZA MD NOR	ALIF FAISAL IBRAHIM	NOR ALIFAH ROSAIDI	DIANA SIRMAYUNIE
B12	E-COMMERCE WEB APPLICATION FOR BLACK TURMERIC COFFEE VIC CORDIE KOLAS & ROMIZA MD NOR	NORFIZA IBRAHIM (DR)	NOR ALIFAH ROSAIDI	DIANA SIRMAYUNIE

LIST OF TOPICS, EXAMINERS & JUDGES

Course Code: CSP650

Group: RCS2406B

Programme: CS240

BOOTH NO.	TOPIC AND AUTHORS	EXAMINER	JUDGE 1 (VIDEO PITCHING & POSTER)	JUDGE 2 (VIDEO PITCHING & POSTER)
B13	DATA VISUALIZATION OF AIR POLLUTION INDEX IN MALAYSIA USING INTERACTIVE DASHBOARD AHMAD AZHAR MOHAMAD ZAHARI & MOHD NIZAM OSMAN	SITI SARAH MD ILYAS	SURINA NAYAN	DIANA SIRMAYUNIE
B14	DATA VISUALIZATION OF ROAD TRAFFIC ACCIDENT ANALYSIS AIMAN HAFIZI ISMAIL & AZNOORA OSMAN	MAHFUDZAH OTHMAN	SURINA NAYAN	MOHD ASHRAF ZAINOL ABIDIN
B15	MALAYSIA BLOOD DONOR INSIGHTS DASHBOARD HADIYA IMAN GHAZALI & SITI SARAH MD ILYAS	MOHAMMAD HAFIZ ISMAIL	DR ANG LEE SIN	HUDA ZUHRAH AB HALIM (DR)
B16	NATIONHOOD LITERACY WEB PORTAL WITH DATA VISUALIZATION MOHAMAD AMIRUL IKRAM NORDIN & ARIFAH FASHA ROSMANI	NADIA BT ABDUL WAHAB (DR)	DR ANG LEE SIN	HUDA ZUHRAH AB HALIM (DR)
B17	PREDICTION OF BADMINTON MATCH PERFORMANCE USING MACHINE LEARNING MOHAMAD DANIEL HAZIQ MOHAMAD NASIR & MOHD NIZAM OSMAN	NOORFAIZALFARID MOHD NOOR (Ts.)	AZIANI AHMAD	IZLEEN IBRAHIM
B18	OBESITY LEVELS DURING COVID-19 BASED ON EATING HABITS AND PHYSICAL CONDITIONS	ARIFAH FASHA ROSMANI (DR)	AZIANI AHMAD	IZLEEN IBRAHIM

	MUHAMMAD ASHRAF ABD RAHMAN & MAHFUDZAH OTHMAN			
B19	DATA VISUALIZATION: ANALYSING FACTOR OF DIABETES USING BUSINESS INTELLIGENT MUHAMMAD FAIZUL FANSURI MANSOR & ALIF FAISAL IBRAHIM	NOORFAIZALFARID MOHD NOOR (Ts.)	AZZURA KAMARUDIN	JASMANI BIDIN
B20	DATA VISUALISATION OF ZAKAT DISTRIBUTION IN UITM PERLIS NOR SYAWATUL NADIA NOR AZLAN & SITI SARAH MD ILYAS	NORFIZA IBRAHIM (DR)	AZZURA KAMARUDIN	JASMANI BIDIN
B21	FINANCIAL AID DECISION SUPPORT USING DECISION TREE ALGORITHM NUR ATHIRAH KHUZIR & MOHAMMAD HAFIZ ISMAIL	NORZIANA YAHYA (Ts. DR)	DR CHEN JEN EEM	JASMANI BIDIN
B22	PREDICTION OF DENGUE CASES BASED ON METEOROLOGICAL FACTORS NUR SAFURA FATIHAH MOHD SALLEH & MUHAMMAD NABIL FIKRI JAMALUDDIN	ROMIZA MD NOR	AZZURA KAMARUDIN	DR CHEN JEN EEM
B23	DATA VISUALISATION OF STUDENT RESIDENTIAL IN UiTM ARAU PERLIS NURFARAH FATINI MOHD MAULUD & KHAIRUL ANWAR SEDEK	SITI ZULAIHA AHMAD (Ts. DR)	DR FAIEZAH HASHIM	KHAIRU AZLAN ABDUL AZIZ
B24	VISUALIZING CHILD COVID-19 VACCINATION CONSENT BY PARENTS IN MALAYSIA NURUL AIN NATASHA NIZARUDDIN & SITI SARAH MD ILYAS	AZNOORA BINTI OSMAN (DR)	DR FAIEZAH HASHIM	KHAIRU AZLAN ABDUL AZIZ

B25	PREDICTION OF PETROL PRICE USING DATA VISUALIZATION NURUL AKHMA LAILY KAMARUL HISHAM & NADIA ABDUL WAHAB	ABDUL HAPES MOHAMMED	DR FARAH LINA AZIZAN	KU AZLINA KU AKIL
B26	ASEAN COUNTRIES ECONOMIC STABILITY INDICATOR DASHBOARD NURUL ATHIRAH AZIZ & NORFIZA IBRAHIM	NADIA BT ABDUL WAHAB (DR)	DR FARAH LINA AZIZAN	KU AZLINA KU AKIL
B27	ENDEMIC EXPLORATORY DASHBOARD FOR CONTAGIOUS DISEASES IN RAISING PUBLIC AWARENESS OF HEALTH NURUL INSYIRAH MOHAMAD RADZI & NORFIZA IBRAHIM	NOORFAIZALFARID MOHD NOOR (Ts.)	MOHD ASHRAF ZAINOL ABIDIN	KU AZLINA KU AKIL

LIST OF TOPICS, EXAMINERS & JUDGES

Course Code: CSP650

Group: RCS2516A

Programme: CS251

BOOTH NO.	TOPIC AND AUTHORS	EXAMINER	JUDGE 1 (VIDEO PITCHING & POSTER)	JUDGE 2 (VIDEO PITCHING & POSTER)
C01	WEB-BASED LEARNING FOR ADAB IN KELAS AL- QURAN DAN FARDU AIN (KAFA) AFIQ ZAKWAN HASHIM, RUZITA AHMAD & SHUKOR SANIM MOHD FAUZI	ROMIZA MD NOR	NOR ANIS SHAFAI (DR)	MOHAMAD NAJIB MOHAMAD FADZIL
C02	WEB-BASED APPLICATION FOR HARUMANIS IN UITM PERLIS AUNI SYAFIQAH SUZIMAN & RUZITA AHMAD	MUHAMMAD NABIL FIKRI JAMALUDDIN	NOR ANIS SHAFAI (DR)	MOHAMAD NAJIB MOHAMAD FADZIL
C03	WATER PH LEVEL MONITORING USING MOBILE APPLICATION INTEGRATED WITH INTERNET OF THINGS USING PH SENSOR AZAMUDDIN AHMAD HAMDANI & ABDUL HAPES MOHAMMED	AZMI ABU SEMAN	NORHA ABDUL HADI	MOHD FAZRIL IZHAR MOHD IDRIS
C04	DEVELOPMENT OF DIGITAL TICKET RESERVATION SYSTEM FOR RECREATIONAL PARK IN PERLIS USING WEB BASED APPLICATION KHAIRUNNISA' MOHAMAD AZMIN & HANISAH AHMAD	NORA YANTI CHE JAN	NORHA ABDUL HADI	MOHD FAZRIL IZHAR MOHD IDRIS
C05	WEB-BASED Uitm BARBERSHOP MANAGEMENT SYSTEM MOHAMMAD AZRYEN ABU BAKAR & SITI SARAH MD ILYAS	NURTIHAH BINTI MOHAMED NOR (DR)	NORHISAM BULOT (DR)	MOHD HALIMI ABDUL HAMID
C06	ARAU RENTAL HOUSE WEB BASED SYSTEM MUHAMMAD AKMAL AHMAD NAZRI & ROS SYAMSUL HAMID	ARIFAH FASHA ROSMANI	NORHISAM BULOT (DR)	MOHD HALIMI ABDUL HAMID
C07	IMAGE STEGANOGRAPHY WEB APPLICATION MUHAMMAD NUR HARITH SHARIFFUDIN & NOR ARZAMI OTHMAN	HANISAH AHMAD	NUR ILLANI ABDUL RAZAK	MUHAMMAD HASBULLAH MOHD RAZALI

C08	DEVELOPMENT OF WEB-BASED WATER SUPPLY COMPLAINT MANAGEMENT SYSTEM MUHAMMAD SYAREEL AIMAN MD SUKERI & ALIF FAISAL IBRAHIM	SITI ZULAIHA AHMAD (Ts. DR)	NUR ILLANI ABDUL RAZAK	MUHAMAD HASBULLAH MOHD RAZALI
C09	SEARCH ENGINE OPTIMIZATION (SEO) TECHNIQUES FOR SATAY TEMBAM YUSFIZA WEBSITE MARKETING MUHAMMAD ZAINUL MUTTAQIN MOHD ZAINUDIN & NURZAID BIN MUHD ZAIN	NURTIHAH BINTI MOHAMED NOR (DR)	NURHAFIZA MD SAAD	NOORZILA SHARIF
C10	NASI LEMAK CALORIE COUNTER WITH DEEP LEARNING OBJECT DETECTION MUHAMMAD ZAKWAN BIN ADAM, MOHAMED HAFIZ ISMAIL & HAFIZAH BINTI HAJIMIA	RUZITA HJ AHMAD (DR)	NURHAFIZA MD SAAD	NOORZILA SHARIF
C11	DEVELOPMENT OF BLOOD BANK AND INFORMATION SYSTEM USING WEB APPLICATION NOOR AZRINAZ RAMLI & HANISAH AHMAD	ARIFAH FASHA ROSMANI (DR)	NURSYAHANI NASRON	NOR AZRIANI MOHAMAD NOR
C12	A WEB BASED INVENTORY SYSTEM FOR FOOD AND BEVERAGES INDUSTRY WITH NOTIFICATION FEATURES NUFAEL ABDUL WAHAB & AZMI ABU SEMAN	NORA YANTI CHE JAN	NURSYAHANI NASRON	NOR AZRIANI MOHAMAD NOR
C13	LEARNING SCIENCE THROUGH GAMIFICATION FOR SECONDARY SCHOOL STUDENT NUR ADAM ABDUL RAHIM & NURTIHAH MOHAMED NOR	MAHFUDZAH OTHMAN	NURSYAMILAH ANNUAR (DR)	NORHAYATI SHAFII
C14	MANGO GENERATIVE ADVERSARIAL NETWORK NUR ADILLA SHAFFIE & MOHAMMAD HAFIZ ISMAIL	ABDUL HAPES MOHAMMED	NURSYAMILAH ANNUAR (DR)	NORHAYATI SHAFII
C15	DEVELOPMENT OF EARLY WARNING SYSTEM FOR FLOOD AT RECREATIONAL SITE USING LORA NUR ALIAH FAQIHAN RAMIZI & IMAN HAZWAM ABD HALIM	ALIF FAISAL IBRAHIM	NURUL AIN MOHD ZAKI (DR)	NORPAH MAHAT

C16	DEVELOPMENT OF EARLY WARNING SYSTEM FOR FLOOD AT RECREATIONAL SITE USING MOBILE APPLICATION NUR ARIFAH DIYANAH MUHAMMAD RIZAL & IMAN HAZWAM ABD HALIM	MUHAMMAD NABIL FIKRI JAMALUDDIN	NURUL AIN MOHD ZAKI (DR)	NORPAH MAHAT
C17	DEVELOPMENT OF UITM ARAU STUDENT FORUM USING WEB-BASED APPLICATION NUR FAIQAH BALQIS MOHAMAD & HANISAH AHMAD	ABDUL HAPES MOHAMMED	NURUL LABANIHUDA ABDULL RAHMAN (DR)	NORWAZIAH MAHMUD
C18	DEVELOPMENT OF INVENTORY SYSTEM FOR SMALL BUSINESS OWNER NUR FARHANA KHAIRUL RIZAL & AHMAD YUSRI DAK	ZULFIKRI PAIDI	N/A	NORWAZIAH MAHMUD
C19	WEB-BASED FOR SKINCARE GUIDE AND PURCHASE NUR IZAZI MAHADZIR & NOR ARZAMI OTHMAN	MUHAMAD ARIF HASHIM	NURWAHIDA FUAD (DR)	NUR FATIAH FAUZI (DR.)
C20	A BIOMETRIC FACE RECOGNITION FOR WEB BASED ATM VERIFICATION SYSTEM NUR IZZATI MAT FUZI & RUZITAI AHMAD	ARIFAH FASHA ROSMANI	NURWAHIDA FUAD (DR)	NUR FATIAH FAUZI (DR.)
C21	IMPLEMENTING PLANNER EDUCATION WEB-BASED SYSTEM NURHASNISHA SHAMSUHAIDI & NOR ARZAMI BIN OTHMAN	ARIFAH FASHA ROSMANI	RAZIF MUHAMMED NORDIN (DR)	NUR IZZATI KHAIRUDDIN (DR.)
C22	GAMIFIED WEB BASED FOR ADHD CHILDREN NURSYIFA ADHWA SUHAIMI & NORA YANTI CHE JAN	MAHFUDZAH OTHMAN	RAZIF MUHAMMED NORDIN (DR)	NUR IZZATI KHAIRUDDIN (DR.)
C23	DEVELOPMENT OF EARLY WARNING SYSTEM FOR FLOOD AT RECREATIONAL SITE USING WEB-BASED APPLICATION NURUL ATHIRAH KAMARUZAMAN & IMAN HAZWAM ABD HALIM	NURTIHAH BINTI MOHAMED NOR (DR)	ROSYAINI AFINDI ZAMAN (DR)	NURIZATUL SYARFINAS AHMAD BAKHTIAR (DR.)

C24	GROCERIES WEB-BASED RECOMMENDATION SYSTEM WITH EMAIL NOTIFICATION NURUL HUSNA NOOR AZWAN & NORA YANTI CHE JAN	HANISAH AHMAD	ROSYAINI AFINDI ZAMAN (DR)	NURIZATUL SYARFINAS AHMAD BAKHTIAR (DR.)
C25	WEB BASED STUDENT TRAINING SYSTEM WITH SKILLSET RECOMMENDATION NURUL ZULAIKHA MUHAMMAD & KHAIRUL ANWAR SEDEK	NURTIHAH BINTI MOHAMED NOR (DR)	ROZIANA MOHAMED HANAPHI (DR)	NURUL HIDAYAH AB RAJI
C26	WEB BASED BICYCLE RENTAL SYSTEM WITH NOTIFICATION SYSTEM SITI HAJAR SAIFUDDIN & AZMI ABU SEMAN	NURTIHAH BINTI MOHAMED NOR (DR)	ROZIANA MOHAMED HANAPHI (DR)	NURUL HIDAYAH AB RAJI
C27	WEB BASED TODDLER'S DEVELOPMENT MILESTONE SYSTEM WITH TELEGRAM NOTIFICATION SITI SHAHIRAH SABRAN & NORA YANTI CHE JAN	MAHFUDZAH OTHMAN	ROZILAH RAJMI (DR)	NURUL HIDAYAH AB RAJI
C28	IN-CAR CHILD ABANDONMENT DETECTION BY USING SINGLE SHOT DETECTOR SYAFIQAH MOHAMAD AKHYAR & MOHAMAD HAFIZ ISMAIL	MUHAMMAD NABIL FIKRI JAMALUDDIN	NURUL LABANIHUDA ABDULL RAHMAN (DR)	ROZILAH RAJMI (DR)
C29	DEVELOPING WEB BASED SUPERBIKE'S SPARE PART STORE'S LOCATION FINDER UWAIS MOHD NAZAN & ROS SYAMSUL HAMID	AZMI ABU SEMAN	SAMSURI MOHD SALLEH (Ir)	RAIHANA ZAINORDIN
C30	IMPLEMENTING COLLEGE STAFF RESIDENCE (SRK) REPORT MANAGEMENT SYSTEM USING LARAVEL MVC WAN AMIRUL AFIQ WAN ALIAS, AHMAD YUSRI DAK & NOR ARZAMI OTHMAN	ALIF FAISAL IBRAHIM	SAMSURI MOHD SALLEH (Ir)	RAIHANA ZAINORDIN

LIST OF TOPICS, EXAMINERS & JUDGES

Course Code: CSP650

Group: RCS2556A

Programme: CS255

BOOTH NO.	TOPIC AND AUTHORS	EXAMINER	JUDGE 1 (VIDEO PITCHING & POSTER)	JUDGE 2 (VIDEO PITCHING & POSTER)
D01	ANALYSIS OF MACHINE LEARNING ALGORITHM (ML) ON SYSTEM INFORMATION AND EVENT MANAGEMENT (SIEM) LOGS AFIF HAZIQ HARIS, MOHD FARIS MOHD FUZI & HAFIZAH HAJIMIA	ABIDAH HJ MAT TAIB (DR)	SHALIZA AZREEN MOHD ZULKIFLI	RIZAUDDIN SAIAN (PM Ts. DR)
D02	MALWARE DATA COLLECTION USING CUCKOO SANDBOX AHMAD FIKRI MUHAMMAD, MOHD FARIS MOHD FUZI & HAFIZAH HAJIMIA	ROS SYAMSUL HAMID	SHALIZA AZREEN MOHD ZULKIFLI	RIZAUDDIN SAIAN (PM Ts. DR)
D03	SMART MEDICINE INTAKE SYSTEM AHMAD SULAIMI AFKAR MUHAMMAD HAFNI SHAKIR, NURZAID MUHD ZAIN & NOR AZIRA MOHD RADZI	NORFIZA BINTI IBRAHIM (DR)	SHARIFAH NAFISAH SYED ISMAIL	SHARIFAH FHAHRIYAH SYED ABAS
D04	MENTAL HEALTH APPLICATION FOR UITM STUDENTS THROUGH MOBILE APPLICATION AISYAH AHMADI & ROS SYAMSUL HAMID	NOORFAIZALFARID MOHD NOOR (Ts.)	SHARIFAH NAFISAH SYED ISMAIL	SHARIFAH FHAHRIYAH SYED ABAS
D05	ANALYSIS OF ENTERPRISE NETWORK TOWARDS DOS ATTACK BY APPLYING MULTI-LAYER DEFENSE ON A SIMULATED NETWORK ANIS AFIQAH AHMAD FUZI, ABIDAH HJ MAT TAIB & HAFIZAH HAJIMIA	MOHD FARIS BIN MOHD FUZI	SHARIFAH NORASHIKIN BOHAR	SITI HAFAWATI JAMALUDDIN

D06	A MOBILE APPLICATION DEVELOPMENT FOR MOSQUE DONATION SYSTEM (MODS) ANIS SYAFFINA SANUSI & ROS SYAMSUL HAMID	AZNOORA OSMAN (DR)	SHARIFAH NORASHIKIN BOHAR	SITI HAFAWATI JAMALUDDIN
D07	DETECTION OF BLACKHOLE ATTACK USING AODV IN VANET ARINAH SUMAYYAH ZULKIFLI, AHMAD YUSRI DAK & HAFIZAH HAJIMIA	RAFIZA BINTI RUSLAN	SHARIR AIZAT KAMARUDDIN	SITI NOR NADRAH MUHAMAD
D08	SMARTGUARD: IOT-BASED REAL-TIME INTRUSION DETECTION USING ACTIVE AND PASSIVE INFRARED SENSORS WITH ALERT NOTIFICATION VIA TELEGRAM APPLICATION AZIRUL ZAKWAN AZMAN, RASHIDAH RAMLE & NAZIRA OSMAN	ROMIZA MD NOR	SHARIR AIZAT KAMARUDDIN	SITI NOR NADRAH MUHAMAD
D09	PERFORMANCE ANALYSIS ON GREEDY PERIMETER STATELESS ROUTING (GPSR) IN MANET ENVIRONMENT USING OMNET++ MOHAMAD ALIFF ZAKWAN MOHAMAD HAFIZ, RAFIZA RUSLAN & NOR AZIRA MOHD RADZI	AHMAD YUSRI DAK (DR)	SITI AMINAH ANSHAH	SITI SARAH RASELI
D10	SMART VENDING MACHINE INVENTORY MANAGEMENT SYSTEM MOHAMAD IKRAM MOHAMAD FARZEE, NURZAID MUHD ZAIN & NOR AZIRA MOHD RADZI	NORSAFINAR BINTI RAHIM (DR.)	SITI AMINAH ANSHAH	SITI SARAH RASELI
D11	BLOCKCHAIN BASED E-VOTING USING HYPERLEDGER FABRIC MUHAMAD HADRI MOHD ZAWAWI & ABIDAH HJ MAT TAIB	MUHAMAD ARIF BIN HASHIM	SITI HAJAR MOHMAD SALLEH	SUZANAWATI ABU HASAN
D12	IOT-BASED AIR QUALITY MONITORING ALERT SYSTEM IN KINDERGARTEN FOR CHILDREN WITH ASTHMA MUHAMMAD AZRI MOHD SAEDI, RASHIDAH RAMLE & MAJDAH CHULAN	KHAIRUL ANWAR SEDEK (DR)	SITI HAJAR MOHMAD SALLEH	SUZANAWATI ABU HASAN

D13	A PROTOTYPE OF IOT BASED NOISE POLLUTION DETECTION AND NOTIFICATION IN LIBRARY USING NOISE SENSOR AND BLYNK APPLICATION MUHAMMAD FARIZUDDIN MOHAMAD ZULKEFLI & RASHIDAH RAMLE	NURZAID MUHD ZAIN	SITI NOORASHIKIN JAMAL	TEOH YEONG KIN
D14	DETECTION OF WORMHOLE ATTACK USING AODV ROUTING PROTOCOL IN VEHICLE AD-HOC NETWORK (VANET) MUHAMMAD KHAIRUL FAHMI JASMI & AHMAD YUSRI BIN DAK	ROS SYAMSUL BIN HAMID	SITI NOORASHIKIN JAMAL	TEOH YEONG KIN
D15	PERFORMANCE EVALUATION OF GRE-BASED VPN TUNNELING OVER IPSEC USING GNS3 MUHAMMAD MUAZZIM MOHD SAFRI, RAFIZA RUSLAN & HAFIZAH HAJIMIA	ABIDAH BINTI HJ MAT TAIB (DR)	DR SITI NOR DIN	WAN NURSHAZELIN WAN SHAHIDAN
D16	ANALYSIS OF THE FAKE WEBSITES USING ACTIVE URL IDENTIFYING METHOD MUHAMMAD NASRIQ IKMAL ABDUL RAHMAN, ZULFIKRI PAIDI & HAFIZAH HAJIMIA	MUHAMAD ARIF BIN HASHIM	ASHNITA RAHIM	WAN NURSHAZELIN WAN SHAHIDAN
D17	SMART GARBAGE BIN MONITORING SYSTEM MUHAMMAD RUZAINI ROSLAN, NURZAID MUHD ZAIN & NOR AZIRA MOHD RADZI	AZMI BIN ABU SEMAN	SOLIHAH HAJI YAHYA ZIKRI	WAN NURSHAZELIN WAN SHAHIDAN
D18	THE PERFORMANCE OF TEXT STEGANOGRAPHY BASED ON SYMBOL MUHAMMAD SYAHMI NAQUIB SAUMI & MUHAMAD ARIF HASHIM	ABIDAH HJ MAT TAIB (DR)	SOLIHAH HAJI YAHYA ZIKRI	ZAINAB RAZALI
D19	LORA TRACKING SYSTEM PROTOTYPE WITH GPS FUNCTIONALITY	RASHIDAH BINTI RAMLE	TUN MOHD FIRDAUS AZIS	ZURINA KASIM

	MUHAMMAD SYAZWAN MOHAMMAD ZAIYAN & RAFIZA RUSLAN			
D20	MUSCLE MONITORING SYSTEM BASED ON ESP-NOW NETWORK PROTOCOL USING EMG SENSOR DEVICE NORNI EZIRA MOHAMAD ROSLI, IMAN HAZWAN ABD HALIM & HAFIZAH HAJIMIA	NURUL IZZAH BINTI ABDUL AZIZ	TUN MOHD FIRDAUS AZIS	ZURINA KASIM
D21	IMPLEMENTATION OF CLIENT-SERVER CONCEPT USING SOCKET PROGRAMMING IN E-ADUAN PORTAL NUR AMIRAH ATIQA AZMI, ZULFIKRI PAIDI & NOR AZIRA MOHD RADZI	MOHD FARIS BIN MOHD FUZI	YUSWANIE MD YUSOF	ZAMZILA ERDAWATI ZAINOL
D22	PERFORMANCE EVALUATION OF LORA NETWORK TESTBED IN CAMPUS ENVIRONMENT NUR FARINA BINTI KAMSIN & RAFIZA BINTI RUSLAN	IMAN HAZWAM BIN ABD HALIM	YUSWANIE MD YUSOF	ZAMZILA ERDAWATI ZAINOL
D23	SECURED WEBSITE CHAT-API WITH E2EE TECHNIQUES AND PERFORMANCE ANALYSIS USING PERFORMANCE MONITORING SOFTWARE NUR IZZATUL AQMA ZULKARNAIN & ABIDAH HJ MAT TAIB	ROS SYAMSUL HAMID	ZAINAB RAZALI	ZULAIHA AHMAD
D24	THREAT HUNTING USING SECURITY ONION IN VIRTUAL NETWORK NUR MAISARAH ROSLAN, MOHD FARIS MOHD FUZI & HAFIZAH HAJIMIA	IMAN HAZWAM BIN ABD HALIM	ZAINAB RAZALI	ZULAIHA AHMAD
D25	THE DEVELOPMENT OF CYBER PATROL MOBILE APPLICATION FOR KIDS' MONITORING NURFARAH HANI CHE ISMAIL, ROS SYAMSUL HAMID & HAFIZAH HAJIMIA	AZNOORA BINTI OSMAN (DR)	ZAKI AHMAD DAHLAN	ZULKIFLI ISMAIL

D26	DOS ATTACKS DETECTION USING SNORT IN VIRTUALIZED ENVIRONMENT BY USING GNS3 NURFATIAH YUSHARIZAL & ABIDAH HJ MAT TAIB	ZULFIKRI BIN PAIDI (DR)	ZAKI AHMAD DAHLAN	ZULKIFLI ISMAIL
D27	ANALYZING THE PERFORMANCE OF INTEGERS BASED TEXT STEGANOGRAPHY PROTOTYPE SAIYYIDAH NAFISAH BAKRI & MUHAMAD ARIF HASHIM	ZULFIKRI BIN PAIDI (DR)	ZAKI AHMAD DAHLAN	ZAMZILA ERDAWATI ZAINOL
D28	ANALYZING THE PERFORMANCE OF ALPHABETS BASED TEXT STEGANOGRAPHY PROTOTYPE SITI NURKHUZAIHAH JUSOH & MUHAMAD ARIF HASHIM	ZULFIKRI BIN PAIDI (DR)	ASHNITA RAHIM	ZULAIHA AHMAD
D29	REMOTE MONITORING AND CONTROLLING OF LIGHTS USING IOT NURUL NAJIAH YUSRA ZOLKARNAIN & NURZAID MUHD ZAIN	ROS SYAMSUL HAMID	DR SITI NOR DIN	ZULKIFLI ISMAIL