

DISSERTATION VIVA AND SEMINAR (MAT 510, MST566 and MGM 599)
SEMESTER 2, 2022/2023
SCHOOL OF MATHEMATICAL SCIENCES
UNIVERSITI SAINS MALAYSIA

SEMINAR MAT 510 & MGM 599

DATE: 25/08/2023 (FRIDAY)

MALAYSIA TIME: 9.00am-10.00am

VENUE: ROOM 204 PPSM

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	9.00- 9.30am	KWOK KUM FAI	DR. ONG WEN ENG	APPLICATIONS OF SHORTEST PATH PROBLEMS : DIJKSTRA'S ALGORITHM AND BELLMAN-FORD ALGORITHM
2	9.30- 10.00am	HUANG JACK	DR. ONG WEN ENG	A REVIEW ON TEACHING AND LEARNING MATHEMATICS USING GEOGEBRA AND DESMOS

VIVA MAT 510 & MGM 599

DATE: 25/08/2023 (FRIDAY)

MALAYSIA TIME: 10.00am-11.00am

VENUE:ROOM 204 PPSM

WAKIL DEKAN: DR.NG ZHEN CHUAN

WAKIL TIMBALAN DEKAN: DR.NORAZRIZAL ASWAD ABDUL RAHMAN

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	10.00-10.30am	KWOK KUM FAI	DR. ONG WEN ENG	APPLICATIONS OF SHORTEST PATH PROBLEMS : DIJKSTRA'S ALGORITHM AND BELLMAN-FORD ALGORITHM
2	10.30-11.00am	HUANG JACK	DR. ONG WEN ENG	A REVIEW ON TEACHING AND LEARNING MATHEMATICS USING GEOGEBRA AND DESMOS

SEMINAR MAT 510

DATE: 28/08/2023 (MONDAY)

MALAYSIA TIME: 9am-12.00pm

VENUE:MEETING ROOM PPSM

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	9.00-9.30am	NURWAHDATUL ELYA BINTI ABD WAHAB	DR. MD YUSHALIFY MISRO	BEZIER OPERATIONAL MATRIX IN SOLVING BOUNDARY VALUE PROBLEMS
2	10.00-10.30am	EVELYN SARAH JANE A/P SANTHANADAS	DR. AMIRAH AZMI	SOLVING THE ALZHEIMER'S DISEASE MODEL USING SMOLUCHOWSKI EQUATION
3	10.30-11.00am	GAN SHEUE WEN	DR. SYAKILA AHMAD	FREE CONVECTION BOUNDARY LAYER FLOW ABOUT A SPHERE IN A VISCOUS FLUID WITH TEMPERATURE - DEPENDENT THERMAL CONDUCTIVITY
4	11.00-11.30am	WONG THIM KHUEN	DR. NORSHAFIRA RAMLI	COMBINED EFFECT OF JOULE HEATING AND VISCOUS DISSIPATION ON MIXED CONVECTION FLOW AND HEAT TRANSFER OVER AN INCLINED PLATE IN HYBRID FERROFLUID
5	11.30-12.00pm	AHMAD AFIF BIN MOHD NAWAWI	DR. NORSHAFIRA RAMLI	IMPACT OF THERMAL RADIATION ON MAGNETOHYDRODYNAMIC MIXED CONVECTION FLOW AND HEAT TRANSFER AROUND A THIN NEEDLE IN HYBRID FERROFLUID

VIVA MAT 510

DATE: 28/08/2023 (MONDAY)

MALAYSIA TIME: 2.00pm-4.30pm

VENUE:MEETING ROOM PPSM

WAKIL DEKAN: PM.DR.FARAH AINI**WAKIL TIMBALAN DEKAN: DR.KONG VONG PANG**

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	2.00- 2.30pm	EVELYN SARAH JANE A/P SANTHANADAS	DR. AMIRAH AZMI	SOLVING THE ALZHEIMER'S DISEASE MODEL USING SMOLUCHOWSKI EQUATION
2	2.30- 3.00pm	GAN SHEUE WEN	DR. SYAKILA AHMAD	FREE CONVECTION BOUNDARY LAYER FLOW ABOUT A SPHERE IN A VISCOUS FLUID WITH TEMPERATURE - DEPENDENT THERMAL CONDUCTIVITY
3	3.00- 3.30pm	WONG THIM KHUEN	DR. NORSHAFIRA RAMLI	COMBINED EFFECT OF JOULE HEATING AND VISCOUS DISSIPATION ON MIXED CONVECTION FLOW AND HEAT TRANSFER OVER AN INCLINED PLATE IN HYBRID FERROFLUID

WAKIL DEKAN: DR. JOHNNY LIM KHAI YANG**WAKIL TIMBALAN DEKAN: PM.DR. NOOR ATINAH AHMAD**

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	3.30- 4.00pm	AHMAD AFIF BIN MOHD NAWAWI	DR. NORSHAFIRA RAMLI	IMPACT OF THERMAL RADIATION ON MAGNETOHYDRODYNAMIC MIXED CONVECTION FLOW AND HEAT TRANSFER AROUND A THIN NEEDLE IN HYBRID FERROFLUID
2	4.00- 4.30PM	NURWAHDATUL ELYA BINTI ABD WAHAB	DR. MD YUSHALIFY MISRO	BEZIER OPERATIONAL MATRIX IN SOLVING BOUNDARY VALUE PROBLEMS

SEMINAR MST 566

DATE: 28/08/2023 (MONDAY)

MALAYSIA TIME: 9.30am-11.00am

VENUE: ROOM 204, PPSM

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	9.30-10.00am	FATEN AINON NAJWA BINTI ARBA	DR. MUHAMMAD FADHIL BIN MARSANI	FLOOD FREQUENCY ANALYSIS OF STREAM FLOWS USING L-MOMENTS
2	10.00-10.30am	PAK SAU FONG	DR. SITI AMIRAH ABD RAHMAN	PARCEL LOCKER LOCATION IN PULAU PINANG USING CLUSTERING APPROACH
3	10.30-11.00am	LEE XIN YU	PROF. MADYA DR. SEK SIOK KUN	EXAMINING THE RELATIVE IMPACTS OF PANDEMIC ON COMMODITY PRICES : A DYNAMIC ARDL APPROACH

VIVA MST 566

DATE: 28/08/2023 (MONDAY)

MALAYSIA TIME: 11.00am-12.30pm

VENUE: ROOM 204, PPSM

WAKIL DEKAN: DR. NURUL SYAFIAH ABD NAEEM**WAKIL TIMBALAN DEKAN: DR. NUZLINDA ABDUL RAHMAN**

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	11.00-11.30am	FATEN AINON NAJWA BINTI ARBA	DR. MUHAMMAD FADHIL BIN MARSANI	FLOOD FREQUENCY ANALYSIS OF STREAM FLOWS USING L-MOMENTS
2	11.30-12.00pm	LEE XIN YU	PROF. MADYA DR. SEK SIOK KUN	EXAMINING THE RELATIVE IMPACTS OF PANDEMIC ON COMMODITY PRICES : A DYNAMIC ARDL APPROACH
3	12.00-12.30pm	PAK SAU FONG	DR. SITI AMIRAH ABD RAHMAN	PARCEL LOCKER LOCATION IN PULAU PINANG USING CLUSTERING APPROACH

SEMINAR MGM599

DATE: 28/08/2023 (MONDAY)

MALAYSIA TIME: 9.00am-12.00pm

VENUE: TUTORIAL ROOM 105, PPSM

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	9.00-9.30am	MALAR A/P DAVIDDHARMADAS	DR. MAJID KHAN MAJAHAR ALI	EXPLORE INSURERS' NUMBERS POST COVID WITH PREDICTIVE MODELLING USING TABLEAU
2	9.30-10.00am	ANIS SOFHIA BINTI SAIFUL ANUAR	NOOR SAIFURINA NANA KHURIZAN	IMPLEMENTATION OF YEN'S ALGORITHM TO DETERMINE K-SHORTEST ROUTE BETWEEN CITIES
3	10.00-10.30am	XUE YING YING	DR. YAZARIAH BINTI MOHD YATIM	AN APPROACH TO DECISION-MAKING PROBLEMS BASED ON A FUZZY SOFT SET AND AN INTERVAL-VALUED FUZZY SOFT SET
4	10.30-11.00am	NOR AIN BINTI WAHID ANUAR	DR. YAZARIAH BINTI MOHD YATIM	PENGGUNAAN KAEDAH GAMIFIKASI DALAM PENYELESAIAN PERSAMAAN LINEAR SATU PEMBOLEHUBAH TERHADAP PELAJAR TINGKATAN 2 SEKOLAH MENENGAH KEBANGKSAAN SUNGAI ACHEH
5	11.00-11.30am	CHONG YONG FATT	DR. SHAMANI A/P SUPRAMANIAM	INTEGRATION OF GEOGEBRA SOFTWARE IN VAN HIELE'S PHASES OF LEARNING FOR TRANSFORMATION GEOMETRY TOPIC
6	11.30-12.00pm	LEE WEE KEAN	DR. MAISARAH HAJI MOHD	OBSERVATION ON THE EFFECTIVENESS OF ZOOM AND SESMOS IN TEACHING AND LEARNING OF DIFFERENTIATION

VIVA MGM 599

DATE: 28/08/2023 (MONDAY)

MALAYSIA TIME: 2.00pm-5.00pm

VENUE: TUTORIAL ROOM 105, PPSM

WAKIL DEKAN: DR. MUHAMMAD FADHIL BIN MARSANI**WAKIL TIMBALAN DEKAN: DR. NABILAH BINTI NAJMUDDIN**

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	2.00- 2.30pm	MALAR A/P DAVIDDHARMADAS	DR. MAJID KHAN MAJAHAR ALI	EXPLORE INSURERS' NUMBERS POST COVID WITH PREDICTIVE MODELLING USING TABLEAU
2	2.30- 3.00pm	CHONG YONG FATT	DR. SHAMANI A/P SUPRAMANIAM	INTEGRATION OF GEOGEBRA SOFTWARE IN VAN HIELE'S PHASES OF LEARNING FOR TRANSFORMATION GEOMETRY TOPIC
3	3.00- 3.30pm	LEE WEE KEAN	DR. MAISARAH HAJI MOHD	OBSERVATION ON THE EFFECTIVENESS OF ZOOM AND SESMOS IN TEACHING AND LEARNING OF DIFFERENTIATION

WAKIL DEKAN: PM.DR. TEH SU YEAN**WAKIL TIMBALAN DEKAN: DR. MOHD SHAREDUWAN BIN MOHD KASIHMUDDIN**

1	3.30- 4.00pm	ANIS SOFHIA BINTI SAIFUL ANUAR	NOOR SAIFURINA NANA KHURIZAN	IMPLEMENTATION OF YEN'S ALGORITHM TO DETERMINE K-SHORTEST ROUTE BETWEEN CITIES
2	4.00- 4.30pm	XUE YING YING	DR. YAZARIAH BINTI MOHD YATIM	AN APPROACH TO DECISION-MAKING PROBLEMS BASED ON A FUZZY SOFT SET AND AN INTERVAL-VALUED FUZZY SOFT SET
3	4.30- 5.00pm	NOR AIN BINTI WAHID ANUAR	DR. YAZARIAH BINTI MOHD YATIM	PENGGUNAAN KAEDAH GAMIFIKASI DALAM PENYELESAIAN PERSAMAAN LINEAR SATU PEMBOLEHUBAH TERHADAP PELAJAR TINGKATAN 2 SEKOLAH MENENGAH KEBANGKSAAN SUNGAI ACHEH

SEMINAR MAT 510

DATE: 29/08/2023 (TUESDAY)

MALAYSIA TIME: 9.00am-12.00pm

VENUE:MEETING ROOM, PPSM

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	9.00-9.30am	NURSYAFEEQA BINTI MOHAMAD NASIR	DR. MD YUSHALIFY MISRO	ANALYSIS OF ROCK MASS WEATHERING GRADE USING IMAGE PROCESSING TECHNIQUE
2	9.30-10.00am	SAID JUMA KHAMIS AL URAMAI	DR. ADILA AIDA AZAHAR	FOURTH-ORDER CUBIC B-SPLINE COLLOCATION METHODS FOR SOLVING ONE-DIMENSIONAL NAVIER-STROKES EQUATION
3	10.00-10.30am	CLAIRE NV MOTIUN	DR. ADILA AIDA AZAHAR	CUBIC B-SPINE AND CUBIC TRIGONOMETRIC B-SPLINE COLLOCATION METHODS FOR SOLVING ONE-DIMENSIONAL NAVIER-STROKES EQUATION
4	10.30-11.00am	ALGREAB RUSUL HUSSEIN TALIB	DR. ADILA AIDA AZAHAR	CUBIC EXPONENTIAL B-SPLINE COLLOCATION METHOD FOR SOLVING ONE-DIMENSIONAL NAVIER-STROKE EQUATION
5	11.00-11.30am	TEOW BOON KEONG	DR. AZHANA BINTI AHMAD	APPLICATION OF EVEN PERFECT POWER POLYNOMIALS TO IMPROVE CHEBYSHEV APPROXIMATION
6	11.30-12.00pm	MAWADDAH BINTI MOHD NABIL	DR. SITI NOOR FARWINA MOHAMAD ANWAR ANTONY	IMAGE ENCRYPTION SCHEME BASED ON COMBINATION OF MULTI-PRIME RSA AND ARNOLD TRANSFORMATION

VIVA MAT 510

DATE: 29/08/2023 (TUESDAY)
MALAYSIA TIME: 12.00pm-4.00pm
VENUE:MEETING ROOM, PPSM

WAKIL DEKAN: DR. ZAINUDIN ARSAD**WAKIL TIMBALAN DEKAN: PM.DR ANG MIIN HUEY**

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	12.00-12.30pm	SAID JUMA KHAMIS AL URAMAI	DR. ADILA AIDA AZAHAR	FOURTH-ORDER CUBIC B-SPLINE COLLOCATION METHODS FOR SOLVING ONE-DIMENSIONAL NAVIER-STROKES EQUATION
2	12.30-1.00pm	CLAIRE NV MOTIUN	DR. ADILA AIDA AZAHAR	CUBIC B-SPINE AND CUBIC TRIGONOMETRIC B-SPLINE COLLOCATION METHODS FOR SOLVING ONE-DIMENSIONAL NAVIER-STROKES EQUATION

WAKIL DEKAN: PROF. MICHAEL KHOO BOON CHONG**WAKIL TIMBALAN DEKAN: PM.DR. MOHD TAHIR ISMAIL**

1	2.00-2.30pm	NURSYAFEEQA BINTI MOHAMAD NASIR	DR. MD YUSHALIFY MISRO	ANALYSIS OF ROCK MASS WEATHERING GRADE USING IMAGE PROCESSING TECHNIQUE
2	2.30-3.00pm	ALGREAB RUSUL HUSSEIN TALIB	DR. ADILA AIDA AZAHAR	CUBIC EXPONENTIAL B-SPLINE COLLOCATION METHOD FOR SOLVING ONE-DIMENSIONAL NAVIER-STROKE EQUATION
3	3.00-3.30pm	TEOW BOON KEONG	DR. AZHANA BINTI AHMAD	APPLICATION OF EVEN PERFECT POWER POLYNOMIALS TO IMPROVE CHEBYSHEV APPROXIMATION
4	3.30-4.00pm	MAWADDAH BINTI MOHD NABIL	DR. SITI NOOR FARWINA MOHAMAD ANWAR ANTONY	IMAGE ENCRYPTION SCHEME BASED ON COMBINATION OF MULTI-PRIME RSA AND ARNOLD TRANSFORMATION

SEMINAR MGM 599

DATE: 29/08/2023 (TUESDAY)

MALAYSIA TIME: 9.00am-10.30am

VENUE: ROOM 204, PPSM

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	9.00- 9.30am	NURKHATIJAH BINTI IBRAHIM	DR. SHAMSUL RIJAL MUHAMMAD SABRI	A FINITE ZERO-MODIFIED VERSION(A,B,1) CLASS DISTRIBUTION APPROACH TO ADDRESS THE SECONDARY SCHHIL AVERAGE GRADE (GPS) MODELLING SYSTEM AIMED FOR SPM LEVEL
2	9.30- 10.00am	LOH WEI TZUN	DR. SHAMSUL RIJAL MUHAMMAD SABRI	STATISTICAL MODELLING ON LIFETIME OF AN ITEM BASED ON WARRANTY DATA
3	10.00- 10.30am	HUSNA SYAKIRAH BINTI MOHD IZHAM SHAH	DR. YAZARIAH BINTI MOHD YATIM	THE USE OF DESMOS AND WOLFRAM ALPHA IN TEACHING AND LEARNING MATHEMATICS

VIVA MGM 599

DATE: 29/08/2023 (TUESDAY)

MALAYSIA TIME: 11.00am-12.30pm

VENUE: BILIK 204, PPSM

WAKIL DEKAN: PM.DR.ANDREW RAJAH

WAKIL TIMBALAN DEKAN: DR. NORHASHIDAH AWANG

NUM	TIME	STUDENT NAME	SUPERVISOR	TITLE
1	11.00- 11.30am	NURKHATIJAH BINTI IBRAHIM	DR. SHAMSUL RIJAL MUHAMMAD SABRI	A FINITE ZERO-MODIFIED VERSION(A,B,1) CLASS DISTRIBUTION APPROACH TO ADDRESS THE SECONDARY SCHIIL AVERAGE GRADE (GPS) MODELLING SYSTEM AIMED FOR SPM LEVEL
2	11.30- 12.00pm	LOH WEI TZUN	DR. SHAMSUL RIJAL MUHAMMAD SABRI	STATISTICAL MODELLING ON LIFETIME OF AN ITEM BASED ON WARRANTY DA
3	12.00- 12.30pm	HUSNA SYAKIRAH BINTI MOHD IZHAM SHAH	DR. YAZARIAH BINTI MOHD YATIM	THE USE OF DESMOS AND WOLFRAM ALPHA IN TEACHING AND LEARNING MATHEMATICS