



**PUSAT PENGAJIAN SAINS MATEMATIK
UNIVERSITI SAINS MALAYSIA**

**MSG491 PROJEK TAHUN AKHIR
SEMESTER 2 SIDANG AKADEMIK 2020/2021**

JADUAL PEMBENTANGAN

KUMPULAN MATEMATIK & EKONOMI

Tarikh: 26 Julai 2021 (Isnin)

Host: Prof. Madya Dr. Sek Siok Kun

Co-host: Dr. Zainudin Arsad

ID	NAMA PELAJAR	NO Matrik	TAJUK PROJEK	WAKTU
ME01	SOON RONG WEI TAN YI XUAN	139444 139449	THE EFFECTIVENESS OF MONETARY POLICY IN ASIA4: THE PRE- AND POST-CRISIS 1997 ANALYSIS	9:00 – 9.20 PAGI
ME02	OOI GOEK YEAN LEE YA TIAN	139436 139405	MONETARY POLICY ANALYSIS BASED ON A MACROECONOMETRIC MODEL OF MALAYSIA	9:20 – 9:40 PAGI
ME05	AISYAH HUWAINA BINTI ABD HALIM SITI AISHAH BINTI AMRON	139381 139440	THE IMPACT OF PUBLIC DEBT ON EXCHANGE RATE IN MALAYSIA	9:40 – 10:00 PAGI
ME04	YAP VIC NIN NUR SAADIAH BINTI ABDUL BAREK	139457 139428	THE IMPACT OF COVID PANDEMIC ON THE DETERMINANTS OF ECONOMIC GROWTH IN THE FOUR SELECTED COUNTRIES	10.00 – 10.20 PAGI
ME06	AMIRA SYUHADA BINTI AMIDI NAZATUL ERNA SHAFINA BINTI NORDIN	139383 139419	ANALYSIS OF THE SHARE PRICES MOVEMENT OF REIT COMPANIES	10:20 – 10:40 PAGI
ME07	AMAL ABDUL MUHEN MUHAMMAD HAZIQ HASMI	139382 139417	PRU 2020 ELECTION USING GAME THEORY APPROACH	10:40 – 11:00 PAGI
ME03	MOHAMAD AZEEM BIN MOHAMAD JILANI RIFQAH BINTI ROFLI*	139438 139412	THE RELATIONSHIP BETWEEN ECONOMIC FACTORS, SOCIO-ECONOMIC INDICATORS AND CARBON EMISSION IN ASIAN AND EUROPEAN COUNTRIES: A PANEL DATA ANALYSES ON THE ENVIRONMENTAL KUZNETS CURVE	12:00 – 12:20 T/HARI (28 JULAI 2021)
ME08	SHARIFAH NADHIRAH BINTI SAYED SALIM THAVANITHA A/P RAJENDRA KUMAR	139439 139454	MODELING LOSS DISTRIBUTION OF GENERAL INSURANCE CLAIM USING EXPONENTIAL DISTRIBUTION	9:20 – 9:40 PAGI (27 JULAI 2021)

*STATISTIK GUNAAN

KUMPULAN STATISTIK GUNAAN

Tarikh: 27 Julai 2021 (Selasa)

Host: Dr. Norhashidah Awang

Co-host: Dr. Rosmanjawati Abdul Rahman

ID	NAMA PELAJAR	NO Matrik	TAJUK PROJEK	WAKTU
ST01	LEE JING YOU TAN WAN YI*	139403 139447	COMMODITY PRICE PERSISTENCY AND DYNAMICS: A SMOOTH TRANSITION REGRESSION APPROACH	8:40 – 9:00 PAGI
ST03	HANG YUN JIE THAM CHI CHENG	139394 139453	EXAMINING THE NEXUS OF INFLATION-INFLATION UNCERTAINTY AND THE INTERACTION WITH OUTPUT AND MONETARY POLICY: THE CASE STUDY OF ASEAN5	9:00 – 9.20 PAGI
ST07	ANG KAH MING	139386	CLASSIFICATION OF EDIBLE BIRD'S NEST BY USING LOGISTIC REGRESSION MODEL WITH MINERAL RATIO APPROACH	9:40 – 10:00 PAGI
ST02	ANG ZI WEI THEN WEI HONG	139387 139455	RE-EXAMINING THE FELDSTEIN-HORIOKA PUZZLE IN FEW ASIAN COUNTRIES: A NONLINEAR ARDL APPROACH	10.00 – 10.20 PAGI
ST04	NUR NATASHA BINTI MOHD SHARIZWAN KANG NUR NAJIHAH BINTI AB RAHAMAN	139427 139426	MULTIVARIATE ANALYSIS OF CRIMES IN MALAYSIA	10:20 – 10:40 PAGI
ST05	MUHAMMAD FIRDAUS BIN MOHD HASHIM ABDUL MUHAIMIN BIN AZMAN*	139416 139379	MULTIVARIATE ANALYSIS OF SOCIO-ECONOMIC VARIABLES IN MALAYSIA	10:40 – 11:00 PAGI
ST10	LAW BOON KIAT	139402	EFFECT OF MOVEMENT CONTROL ORDER (MCO) ON DAILY NEW CASE OF COVID-19 IN MALAYSIA	11:00 – 11:20 PAGI
ST06	MUHAMAD AIMAN BIN ALBHAR NIK IQMAL BIN NIK ISMAIL	139413 139420	MODELLING CLIMATE VARIABLES IN MALAYSIA USING VECTOR AUTOREGRESSIVE AND SEASONAL AUTOREGRESSIVE MOVING AVERAGE APPROACHES	11.20 – 11.40 PAGI
ST08	AMIRAH BINTI AZHAR LATIFAH HANEE BINTI RAHMAT	139384 139401	MODELLING COVID-19 CASES IN MALAYSIA, THE US AND 11 OTHER COUNTRIES USING ARIMA-GARCH MODEL	11.40 – 12:00 T/HARI
ST09	KHATIJAH TUL NURIAH BINTI AHAMED HASMULLAH NUR AMIRA ATIKAH BINTI MURAD	139398 139423	ESTIMATION AND FORECASTING TIME SERIES MODELING OF GOLD PRICE FOR SELECTED COUNTRIES	12:20 – 12.40 T/HARI

*PENYELIDIKAN OPERASI

KUMPULAN PERMODELAN MATEMATIK

Tarikh: 28 Julai 2021 (Rabu)

Host: Dr. Ahmad Lutfi Amri Ramli

Co-host: Dr. Md Yushalify Misro

ID	NAMA PELAJAR	NO Matrik	TAJUK PROJEK	WAKTU
PM02	TEE JIA XIN LO YAN PING AUDREY	139451 139410	MINIMIZING THE NUMBER OF RESHUFFLINGS ON CONTAINERS WITH EQUALPRIORITY USING RI HEURISTIC	9:00 – 9.20 PAGI
PM03	CHEANG YEE TENG HOE SHI MIN	139389 139396	OPTIMISATION OF TRAFFIC FLOW IN INTERSECTION BY TRAFFIC LIGHT TIMING	9:20 – 9:40 PAGI
PM04	WAN NUR FATIHAH BINTI WAN ISMAIL NUR FADZLINA BINTI ABDUL HALIM	139456 139425	VISUALIZATION OF STEERING EFFECT ON SKIDDING	9:40 – 10:00 PAGI
PM01	MUHAMMAD HILMI BIN AHMAD FARHANA BINTI NASEERUTEEN	139418 139393	TRAVEL TIME PREDICTION FROM ROAD GEOMETRY AND THREE LOCATION POINTS VERIFICATION	10.00 – 10.20 PAGI
PM07	LEONG MEI SHI LIM CHIN WAN	139407 139408	CONSTRAINED INTERPOLATION WITH RATIONAL QUADRATIC BEZIER CURVES AND SURFACES	10:20 – 10:40 PAGI
PM05	ANIS SOLEHAH BINTI MOHD KAMARUDZAMAN NURUL HUDA BINTI MOHAMAD NASIR	139388 139434	GAUSSIAN AND MEAN CURVATURE BIQUINTIC TRIGONOMETRIC BÉZIER SURFACE	10:40 – 11:00 PAGI
PM06	NUR SU' AIDAH BINTI ZAIDI AIN FADZLINA BINTI ABDULLAH	139429 139380	MESH GENERATIONS OF POLYHEDRON	11:00 – 11:20 PAGI
PM08	FARAH ATHIRAH BT. HAMID NURUL SAKINAH BT. SAIDINA OMAR	139392 139435	SIMILARITY SOLUTION FOR SLOW VISCOUS FLOW DOWN AN INCLINED PLANE	11.20 – 11.40 PAGI

KUMPULAN PENYELIDIKAN OPERASI

Tarikh: 29 Julai 2021 (Khamis)

Host: Dr. Noor Saifurina Nana Khurizan

Co-host: Dr. Siti Amirah Abd Rahman

ID	NAMA PELAJAR	NO MATRIK	TAJUK PROJEK	WAKTU
OR01	TAI CHIN LEE TANG SU QIN	139446 139450	AN EFFICIENCY ANALYSIS OF SPONSORED RESEARCH PROJECTS USING DATA ENVELOPMENT ANALYSIS	8:40 – 9:00 PAGI
OR02	CHIA YU FENG CHOONG YUNG HONG	139390 139391	GENETIC ALGORITHM FOR TRAVELLING SALESMAN PROBLEM: A CASE STUDY OF RAPID CAT	9:00 – 9.20 PAGI
OR04	NUR BISMI BINTI AZMI SITI NUR FATEHAH BINTI MOHD FADZIL	139424 139443	AN APPLICATION OF MULTI-CRITERIA DECISION MAKING METHOD ON ONLINE SHOPPING PLATFORM BASED ON CUSTOMER SATISFACTION	9:20 – 9:40 PAGI
OR05	TEE MING JIAN	139452	APPLICATION OF DATA ENVELOPMENT ANALYSIS WINDOW ANALYSIS ON THE COMPANIES IN OIL AND GAS OF BURSA MALAYSIA	9:40 – 10:00 PAGI
OR06	NURNISHA BINTI MOHAMED ALI NURALIA NISA BINTI MOHD NOR HISHAM*	140126 139431	STAFF SCHEDULING ROSTER FOR SHIFT-BASED EMPLOYEES USING PARTICLE SWARM OPTIMISATION	10.00 – 10.20 PAGI
OR08	NURKHAIRUNNISA BINTI MOHD BAKRI AIFAA SYUHADAH BINTI ZULKIFLI	139432 140124	OPTIMIZING STACKING BOXES ON SHELVES	10:20 – 10:40 PAGI
OR07	SITI NURAININ NUHA BINTI MAT GHANI SITI NUR AISYAH BINTI ADNAN	140128 139441	HEALTHY LIFESTYLE RECOMMENDATION USING PARTICLE SWARM OPTIMISATION ALGORITHM	10:40 – 11:00 PAGI
OR03	KANG JIA HUI LEM YIN CHIUN	139397 139406	AN APPLICATION OF MULTI-CRITERIA DECISION MAKING METHOD ON EFFECTIVENESS OF E-LEARNING PLATFORM IN USM	11:00 – 11:20 PAGI
OR09	KOONG CHEE HOEY	139400	MULTI INTEGER LINEAR PROGRAMMING FOR PERISHABLE PRODUCT EFFICIENT METHOD IN INVENTORY MANAGEMENT	11.20 – 11.40 PAGI

*STATISTIK GUNAAN