

LIST OF STUDENTS FOR MASTER PROJECT 1

SEMESTER 2, SESSION 2025/2026

MKAP

NO.	NAME	TITLE	SUPERVISOR	ASSESSOR	EMAIL
1	KWEK WEN HAN	A DUAL-LAYER SAFETY FRAMEWORK FOR SCAFFOLDING SYSTEM: INTEGRATING UAV-BASED STRUCTURAL HEALTH MONITORING WITH REAL-TIME WORKER HAZARD DETECTION USING COMPUTER SYSTEM	IR. Ts. DR. MOHAMAD SYAMIR BIN SENIN	DR. NADIRAH BINTI DARUS	nadirahdarus@utm.my
2	MOHAMMED ASHRAF SHAKER BARNOUKH ALI	EMERGING TECHNOLOGIES FOR OCCUPATIONAL NOISE MANAGEMENT IN THE CONSTRUCTION INDUSTRY	DR. NADIRAH BINTI DARUS	DR. AIN NAADIA BINTI MAZLAN	ainnaadia@utm.my
3	MUHAMMAD ADAM EMIRROSNANDO SYAH PUTRO	RISK IDENTIFICATION, MANAGEMENT AND MITIGATION STRATEGIES FOR JOHOR NORTH-SOUTH EXPRESSWAY EXPANSION PROJECT	DR. NADIRAH BINTI DARUS	IR. Ts. DR. NG CHIEW TENG	chiewteng.ng@utm.my
4	TEOH CHEN KEAT	COMPETENCIES OF SITE PERSONNEL	Ts. DR. SUZILA BINTI MOHD	DR. NADIRAH BINTI DARUS	nadirahdarus@utm.my

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1	AHMAD NA'EEM BIN NAZLI	MACHINE LEARNING-BASED PREDICTION OF OPTIMAL WEB OPENINGS IN REINFORCED CONCRETE BEAMS UNDER STRUCTURAL PERFORMANCE CONSTRAINT	ASSOC. PROF. Ts. DR. AHMAD RAZIN BIN ZAINAL ABIDIN @ MD. TAIB	ASSOC. PROF. IR. Ts. DR. MARIYANA AIDA BINTI AB. KADIR	mariyanaida@utm.my
2	CHONG KEDIENDE MAPUOR AKEC	INFLUENCE OF WEB OPENING GEOMETRY ON BUCKLING BEHAVIOUR OF CASTELLATED STEEL BEAMS	ASSOC. PROF. Ts. DR. AHMAD RAZIN BIN ZAINAL ABIDIN @ MD. TAIB	ASSOC. PROF. IR. DR. SHEK POI NGIAN	shekpoingian@utm.my
3	TEO CIA CEN	ANALYSIS OF STRUCTURAL BEHAVIOUR OF NOTCHED TIMBER-CONCRETE COMPOSITE SLABS USING FINITE ELEMENT MODELLING	ASSOC. PROF. Ts. DR. AHMAD RAZIN BIN ZAINAL ABIDIN @ MD. TAIB	ASSOC. PROF. IR. DR. NOOR NABILAH BINTI SARBINI	noornabilah@utm.my
4	MOHAMED ABDIRIZAK ADAN	DATA -DRIVEN BRIDGE DAMAGE LOCALIZATION VIA UNSUPERVISED SENSOR CLUSTERING OF TRAFFIC-INDUCED STRAIN RESPONSES	ASSOC. PROF. IR. Ts. DR. SOPHIA C ALIH / ASSOC. PROF. DR. MOHAMMADREZA VAF AEI	PROF. IR. DR. NORHISHAM BIN BAKHARY	norhisham@utm.my
5	SALMAN FARHAN ADAM HAIBE	OPTIMAL SEISMIC DETAILING FOR LOW-RISE REINFORCED CONCRETE FRAMES LOCATED IN LOW TO MODERATE SEISMIC ZONES	ASSOC. PROF. DR. MOHAMMADREZA VAF AEI / ASSOC. PROF. IR. Ts. DR. SOPHIA C ALIH	Ts. DR. MOHD. ZAMRI BIN RAMLI	mohdzamri@utm.my
6	AMOS APOLLON JEAN-LOUIS ALEXIS	COMPARATIVE ANALYSIS OF ALTERNATE DESIGNS OF R.C.C DIAGRID STRUCTURES	ASSOC. PROF. DR. IZNI SYAHRIZAL BIN IBRAHIM	ASSOC. PROF. DR. ROSLLI BIN NOOR MOHAMED	roslli@utm.my
7	ZHANGJUNMIN	FINITE ELEMENT ANALYSIS OF SHEAR BEHAVIOUR OF COLD-FORMED STEEL BEAMS WITH DIFFERENT WEB OPENING CONFIGURATIONS	DR. YIP BAO FANG	ASSOC. PROF. TS. DR. TAN CHER SIANG	tcsiang@utm.my

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NO.	NAME	TITLE	SUPERVISOR	ASSESSOR	EMAIL
1	ABDIKARIM ABDINUR ABDULLAHI	BACK-ANALYSIS OF DRAINED TRIAXIAL PARAMETER FOR CEMENT-TREATED MARINE CLAY USING CONSOLIDATION TEST DATA IN PLAXIS	DR. KHAIRUN NISSA BINTI MAT SAID	PROF. IR. Ts. DR. AHMAD SAFUAN BIN A RASHID	ahmadsafuan@utm.my
2	ABUBAKER FOUAD HASSABELJABO HASSAN	INTERGRATION OF ROCK MASS RATING RMR CLASSIFICATION EQUILIBRIUM MODELLING FOR ROCK SLOPE STABILITY ASSESSMENT	ASSOC. PROF. IR. DR. RINI ASNIDA BINTI ABDULLAH	DR. MUHAMMAD IRFAN BIN SHAHRIN	muhammadirfan.s@utm.my
3	NAZMUL ISLAM	HYDRO-MECHANICAL RESPONSE AND STABILITY OF WATER DIMENSION TUNNELS UNDER VARIABLE HYDRAULIC AND GEOLOGICAL CONDITIONS	ASSOC. PROF. IR. DR. RINI ASNIDA BINTI ABDULLAH	PGEOL. DR. AFIKAH BINTI RAHIM	afikahrahim@utm.my
4	MUHAMMAD AKMA BIN MOHD RASHIDAN	INVESTIGATION OF SLOPE FAILURE MECHANISM UNDER HEAVY INTENSITY RAINFALL: INTERGRATING LARGE SCALE EXPERIMENTAL DATA WITH GEOTECHNICAL SOFTWARE	PROF. IR. Ts. DR. AHMAD SAFUAN BIN A RASHID	DR. MUHAMMAD FARHAN BIN ZOLKEPLI	farhanzolkepli@utm.my
5	NIK MUHAMMAD HAFIZ AMRI BIN NIK ROSLI	EFFECT OF ANTECEDENT RAINFALL ON LANDSLIDE MECHANISM: VALIDATION THROUGH LARGE SCALE RAINFALL EXPERIMENTS AND GEOSTUDIO SIMULATION	PROF. IR. Ts. DR. AHMAD SAFUAN BIN A RASHID	DR. SITI NORAFIDA BT. JUSOH	snorafida@utm.my
6	NUR NAURAH NASUHA BINTI MOHD SAIFUL AFFENDI	SLOPE STABILITY USING GEOSTUDIO: ASSESING HYDROMECHANICAL BEHAVIOUR SOIL SLOPES UNDER INTENSE RAINFALL INFILTRATION	DR. SITI NORAFIDA BINTI JUSOH	ASSOC. PROF. IR. Ts. DR. RINI ASNIDA BINTI ABDULLAH	asnida@utm.my
7	USAMA IBRAHIM JAMA	OPTIMIZINGAND PREDICTING BLAST-INDUCED ROCK FRAGMENTATION THROUGH MACHINE LEARNING	DR. MUHAMMAD IRFAN BIN SHAHRIN	DR. KASBI BIN BASRI	kasbi@utm.my

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NO.	NAME	TITLE	SUPERVISOR	ASSESSOR	EMAIL
1	JIA DONGSHENG	HOW TO USE BIG DATA AND AI TO IMPROVE THE EFFICIENCY OF PUBLIC TRANSPORT	Ts. DR. MOHD KHAIRUL AFZAN BIN MOHD LAZI	DR. SITI NUR NAQIBAH BINTI KAMARUDIN	sn.naqibah@utm.my
2	SAID ISMAIL ALI	ASSESSING THE ECONOMIC AND SOCIAL IMPACT OF TRAFFIC CONGESTIONM HARGAISA SOMALILTAND	IR. Ts. DR. NORDIANA BINTI MASHROS	DR. MOHD ZUL HANIF BIN MAHMUD	mzhanif@utm.my

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NO.	NAME	TITLE	SUPERVISOR	ASSESSOR	EMAIL
1	MUHAMMAD ARIQ FATHYAN KHAIRI	FLOOD IMPACT ASSESSMENT FOR CHAAH, SEGAMAT USING HEC RAS	DR. ERWAN HAFIZI BIN KASIMAN / DR. PONSELVI A/P JEEVARAGAGAM	IR. Ts. DR NOR AZIDAWATI BINTI HARON	azidawati@utm.my
2	TAN YONG ZHEN	3D MODELLING OF LAMELLA CLARIFIER FOR SEDIMENTATION OF PARTICLES IN WATER TREATMENT PLANT	DR. MOHD RIDZA BIN MOHD HANIFFAH	Ts. DR. MUHAMAD ZULHASIF BIN MOKHTAR	muhamadzulhasif@utm.my

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NO.	NAME	TITLE	SUPERVISOR	ASSESSOR	EMAIL
1	LISHALINI A/P R BASKARAN	EFFECTIVENESS OF MACRO-COMPOSITE FOR NUTRIENT AND ORGANIC MATTER REMOVAL FROM AQUACULTURE WASTEWATER	DR. MOHAMMED ZUHAILI BIN MOHAMED NAJIB	Ts. DR. YONG EE LING	eeling@utm.my
2	MAURA MAYRIZKI	WILL BE FINISHED LATER	DR. MUZAFFAR BIN ZAINAL ABIDEEN	DR. NORELYZA BINTI HUSSEIN	norelyza@utm.my
3	MENG YUCHEN	ASSESSMENT OF TREATMENT EFFICIENCY IN A EXTENDED AERATION DOMESTIC WASTEWATER SYSTEM	DR. YONG Ee LING / Ts. DR. NUR SYAMIMI BINTI MOHD ZAIDI	DR. SITI NUR FATIHAH BINTI MOIDEEN	sitinurfatihah@utm.my
4	MIALISYA INAS GANDASALWA	THE ASSESSMENT OF LAND USE LAND COVER CHANGE ON AIR QUALITY OF NEWLY DEVELOP AREA	DR. MOHAMAD S. J. DARWISH	DR. MUZAFFAR BIN ZAINAL ABIDEEN	muzaffar@utm.my
5	MOSES TANG CHI LUNG	APPLICATION OF ACID-BASED SUGARCANNE ASH IN WATER TREATMENT	Ts. DR. NUR SYAMIMI BINTI ZAIDI	DR. MOHAMAD S. J. DARWISH	sjmohamad@utm.my

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NO.	NAME	TITLE	SUPERVISOR	ASSESSOR	EMAIL
1	AMIRAH DALILA BINTI JAMALUDDIN	EVALUATION OF COMMON AREA ACCESSIBILITY IN AFFORDABLE HOUSING	ASSOC. PROF. DR. IZNI SYAHRIZAL BIN IBRAHIM	ASSOC. PROF. IR. DR. MOHD AZREEN BIN MOHD ARIEFIN	mohdazreen@utm.my
2	AMIRAH HUMAIRA BINTI AZHAR	MECHANICAL PROPERTIES OF GRAPHENE IN CONCRETE	ASSOC. PROF. DR. IZNI SYAHRIZAL BIN IBRAHIM	ASSOC. PROF. IR. Ts. DR. MA CHAU KHUN	machaukhun@utm.my
3	LIU DAKAI	AI-DRIVEN INTELLIGENT PREVENTION AND CONTROL SYSTEM FOR LANDTILLS-FOCUSING ON LEACHATE CONTROL IN YOUNG LANDTILLS	PROF. IR. Ts. DR. MOHD FADHIL BIN MD DIN / DR. AZZAM A. M. ABUHABIB / DR. SITI NUR FATIHAH BINTI MOIDEEN	DR. MOHAMED ZUHAILI BIN MOHAMED NAJIB	mohamedzuhaili@utm.my
4	MUHAMMAD NASRULLAH BIN MD AZELEEN	QUALITY CONTROL CHECKLIST FOR IBS INSTALLATION WORKS IN BUILDING CONSTRUCTION	Ts. DR. SUZILA BINTI MOHD	Ts. DR. SUZILA BINTI MOHD	suzila.mohd@utm.my
5	XING HENGCHUAN	HARMONIZATION OF DESIGN STANDARDS FOR STRUCTURAL STEEL WORKS TO EUROCODES AND CHINESE STANDARDS	ASSOC. PROF. DR. TAN CHER SIANG	PROF. DR. AHMAD BAHARUDDIN BIN ABD RAHMAN	baharfka@utm.my

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1	AMARJIT SINGH	DEVELOPMENT AND VALIDATION OF ENGINEERING EMPLOYABILITY SKILLS FRAMEWORK FOR SABAH FORENSIC ENGINEERING GRADUATES	DR. AIN NAADIA BINTI MAZLAN	DR. NUR IZIEADIANA BINTI ABIDIN	izieadiana@utm.my
2	AUDIRA LOICHA AMANDA	ASSESSMENT OF PAVEMENT CONDITION USING PAVEMENT CONDITION INDEX (PCI) AND PAVEMENT DISTRESS ANALYSIS, CASE STUDY: MUARO BULION - TEMPINO ROAD, JAMBI	ASSOC. PROF. IR. Ts. DR. NORHIDAYAH BINTI ABDUL HASSAN	IR. Ts. DR. NORDIANA BINTI MASHROS	mnordiana@utm.my
3	CHOO XING YI	FORENSIC ANALYSIS OF RESIDUAL STRENGTH IN SIMPLY SUPPORTED BEAM AFTER EXPOSED TO ELEVATED TEMPERATURE: A PARAMETRIC STUDY USING FINITE ELEMENT ANALYSIS	ASSOC. PROF. DR. IZNI SYAHRIZAL BIN IBRAHIM	ASSOC. PROF. IR. Ts. DR. MARIYANA AIDA BINTI AB. KADIR	mariyanaida@utm.my
4	FAZRUN BIN ZAINI	SELECTION AND IMPLEMENTATION OF DURABLE REPAIR MATERIALS FOR DEGRADED REINFORCED CONCRETE SULPHUR PITS IN RETINERY STRUCTURES	ASSOC. PROF. IR. Ts. DR. NOR HASANAH BINTI ABDUL SHUKOR LIM	ASSOC. PROF. IR. DR. MOHD AZREEN BIN MOHD ARIFFIN	mohdazreen@utm.my
5	GHANI BIN JAILI	FINANCIAL PERFORMANCE FOR CONSTRUCTION PROJECT STATE BASED ROAD CONSTRUCTION IN JKR SARAWAK	DR. AIN NAADIA BINTI MAZLAN	DR. NUR IZIEADIANA BINTI ABIDIN	izieadiana@utm.my
6	KEVIN OOI CHIN KAI	COMPARATIVE STUDY OF STEEL FIBER VS POLYPROPYLENE FIBER IN CONTROLLING SHRINKAGE CRACKS IN BRIDGE DECK CONCRETE	IR. DR. WAN IKRAM WAJDEE BIN WAN AHMAD KAMAL	ASSOC. PROF. DR. ROSLLI BIN NOOR MOHAMED	roslli@utm.my
7	LIAU LAI SHENG	DURABILITY VERIFIED LOW-CARBON CONCRETE FOR SINGAPORE BUILDING AND CIVIL INFRASTRUCTURE PROJECTS USING THERMOGRAVIMETRIC ANALYSIS AND MICROSTRUCTURAL MODELLING	ASSOC. PROF. IR. DR. MOHD AZREEN BIN MOHD ARIFFIN	ASSOC. PROF. DR. NUR HAFIZAH BINTI ABD KHALID	nur_hafizah@utm.my
8	MOHD HILMI BIN SABRI	STUDY ON THE INFLUENCE OF FRESH CONCRETE TEMPERATURE AND CORE TEMPERATURE ON CONCRETE RESISTIVITY AND DURABILITY PERFORMANCE USING RAPID CHLORIDE PERMEABILITY TEST (ASTM C1202)	ASSOC. PROF. IR. DR. MOHD AZREEN BIN MOHD ARIFFIN	ASSOC. PROF. IR. Ts. DR. NOR HASANAH BINTI ABDUL SHUKOR LIM	norhasanah@utm.my
9	MOHAMAD FAZLY BIN HAMSAN	STATISTICAL ANALYSIS OF LONG-SHAFT FAILURE TRENDS IN MERCURY VERADO 350HP OUTBOARD MOTORS FOR RIRC	PROF. DR. NORHAZILAN BIN MD NOOR	IR. DR. LIBRIATI BINTI ZARDASTI	libriati@utm.my
10	MUHAMMAD SYUKRI BIN AHMAD	FORENSIC INVESTIGATION AND FAILURE MECHANISMS OF TEMPORARY WORKS IN RAILWAY INFRASTRUCTURE PROJECT	PROF. DR. NORHAZILAN BIN MD NOOR	Ts, DR. MOHD KHAIRUL AFZAN BIN MOHD LAZI	mohdkhairulafzan@utm.my
11	MOHAMMAD JOHARI BIN ISMAIL	BEYOND THE RETURN PERIOD: A FORENSIC STUDY OF DRAINAGE SYSTEM & SLOPE PERFORMANCE UNDER MULTI-ARI CONDITIONS OF RENIKOLA SOLAR FARM, TEMANGAN, MACHANG, KELANTAN	ASSOC. PROF. IR. DR. MOHAMAD HIDAYAT BIN JAMAL	ASSOC. PROF. IR. DR. NOR ELIZA BINTI ALIAS	noreliza@utm.my

12	MUHAMMAD NABIL BIN MD ISA JAMALUDDIN	A COMPARATIVE STUDY OF WORKMANSHIP DEFECTS BETWEEN HIGH-QUALITY AFFORDABLE HOUSING AND MID- RANGE PRIVATE HOUSING IN KLANG VALLEY	ASSOC. PROF. IR. DR. SHEK POI NGIAN	DR. AIN NAADIA BINTI MAZLAN	ainnaadia@utm.my
13	NG WAI JUN	NUMERICAL ANALYSIS OF AN INNOVATIVE SHEAR KEY JOINT FOR PRECAST SLABS	DR. HANIS HAZIRAH BINTI ARIFIN	PROF. DR. NORHAZILAN BIN MD NOOR	norhazilan@utm.my
14	NISHA ALEXANDRA SAMUEL	FORENSIC ANALYSIS OF HUMAN FACTORS IN UAV AND AVIATION INCIDENTS: A CASE STUDY APPROACH	IR. Ts. DR. NORDIANA BINTI MASHROS / ASSOC. PROF. IR. DR. SITTI ASMAH BINTI HASSAN	ASSOC. PROF. IR. DR. NORHIDAYAH BINTI ABDUL HASSAN	hnorhidayah@utm.my
15	NURIYATI ARMIDA BT MD RASHID	CASE STUDY OF STRUCTURE IMPAIRMENT DUE TO JET FIRE	ASSOC. PROF. IR. Ts. DR. MARIYANA AIDA BINTI AB KADIR	ASSOC. PROF. IR. DR. SHEK POI NGIAN	shekpoingian@utm.my
16	SITI SYAZWANI BINTI MOKTAR	FORENSIC ANALYSIS OF RIVER WATER QUALITY DEGRADATION USING HISTORICAL MONITORING DATA: A CASE STUDY OF SG JOHOR	DR. SHAMILA BINTI AZMAN	DR. MUZAFFAR BIN ZAINAL ABIDEEN	muzaffar@utm.my
17	TAN HUI EN	FORENSIC ANALYSIS OF SHEAR AND FLEXURAL FAILURE IN REINFORCED CONCRETE MEMBERS	DR. NOR FAZLIN BINTI ZAMRI / ASSOC. PROF. DR. ROSLLI BIN NOOR MOHAMED	ASSOC. PROF. DR. IZNI SYAHRIZAL BIN IBRAHIM	iznisyahrizal@utm.my

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