

**FIRST STAGE PRESENTATION  
SEMESTER II SESSION 2024/2025**

**DATE : 13 JUNE 2025 (FRIDAY)**

**VENUE : 140-01, BMU, LEVEL 1, M46**

| NO. | STUDENT NAME                          | SUPERVISOR                   | RESEARCH TITLE                                                                                                                                                            | PANEL                                        | TIME                |
|-----|---------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
| 1   | MOHD IZUDDIN BIN MD ITHNAN, PEA243008 | KHAIRUL HAZMAN BIN PADIL     | MOVING TRAFFIC-INDUCED VIBRATION TOWARDS RESONANCE EFFECT ON TUNNEL STRUCTURAL HEALTH                                                                                     | 1) Ts. DR. MOHD ZAMRI BIN RAMLI (C)          | 9.00 AM - 10.00 AM  |
|     |                                       |                              |                                                                                                                                                                           | 2) Ts. DR. MOHD KHAIRUL IDHAM BIN MOHD SATAR |                     |
|     |                                       |                              |                                                                                                                                                                           | 3) A.P. IR. DR. RINI ASNIDA BINTI ABDULLAH   |                     |
| 2   | KAMALIAH BINTI MOHD SAHA, PEA243003   | SHEK POI NGIAN               | AUTOMATION IN DIMENSIONAL QUALITY EVALUATION AND STRUCTURAL COMPLIANCE ASSESSMENT OF STEEL CONSTRUCTION EMPLOYING LASER SCANNING AND BUILDING INFORMATION MODELLING (BIM) | 1) A.P. Ts. DR. ARIZU SULAIMAN (C)           | 10.10 AM - 11.10 AM |
|     |                                       |                              |                                                                                                                                                                           | 2) Ts. DR. MOHD ZAMRI BIN RAMLI              |                     |
|     |                                       |                              |                                                                                                                                                                           | 3) A.P. DR. IZNI SYAHRIZAL BIN IBRAHIM       |                     |
| 3   | ABDULLAHI MUSA, PEA233016             | MOHD AZREEN BIN MOHD ARIFFIN | BEHAVIOUR OF BAMBOO REINFORCED CEMENT FREE GEOPOLYMER CONCRETE ON FIRE RESISTANCE                                                                                         | 1) A.P. Ts. DR. ARIZU SULAIMAN (C)           | 2.50 PM - 3.50 PM   |
|     |                                       |                              |                                                                                                                                                                           | 2) A.P. Ts. DR. MARIYANA AIDA AB. KADIR      |                     |
|     |                                       |                              |                                                                                                                                                                           | 3) Ts. DR. NOR HASANAH ABDUL SHUKOR LIM      |                     |
| 4   | TOU SHU XIAN, PEA223002               | NG CHIEW TENG                | A COMPARISON OF BIM IMPLEMENTATION IN MODULAR CONSTRUCTION BETWEEN SINGAPORE AND MALAYSIA                                                                                 | 1) A.P. Dr. ARIZU BIN SULAIMAN (C)           | 4.00 PM - 5.00 PM   |
|     |                                       |                              |                                                                                                                                                                           | 2) A.P. Ts. DR. MOHAMMADREZA VAF AEI         |                     |
|     |                                       |                              |                                                                                                                                                                           | 3) A.P. DR. JAMALUDIN BIN YATIM              |                     |

*(C) - Chairperson*

**FIRST STAGE PRESENTATION  
SEMESTER II SESSION 2024/2025**

**DATE : 13 JUNE 2025 (FRIDAY)**

**VENUE : M46-215, VIVA ROOM 2, LEVEL 2**

| NO. | STUDENT NAME                                  | SUPERVISOR                     | RESEARCH TITLE                                                                                                                                           | PANEL                                                        | TIME                |
|-----|-----------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
| 1   | AMIRAH AFIQAH BINTI<br>ABDUL RAHIM, PEA243005 | SAREHATI BINTI UMAR            | ADVANCED DAMAGE DETECTION ALGORITHM FOR<br>OFFSHORE PLATFORM UNDER CONCURRENT<br>ENVIRONMENTAL LOADS                                                     | 1) A.P. Ts. DR. MOHAMMADREZA VAF AEI (C)                     | 8.45 AM - 9.45 AM   |
|     |                                               |                                |                                                                                                                                                          | 2) DR. KHAIRUL HAZMAN BIN PADIL                              |                     |
|     |                                               |                                |                                                                                                                                                          | 3) A.P. DR. IZNI SYAHRIZAL BIN IBRAHIM                       |                     |
| 2   | NURUL HARYANI BINTI<br>MAZLAN, MEA243011      | NURUL 'AZIZAH BINTI<br>MUKHLAS | NATURAL FREQUENCY PREDICTION OF JACKET<br>OFFSHORE PLATFORM USING ONE-DIMENSION<br>CONVOLUTIONAL SIAMESE NEURAL NETWORK<br>AND TRANSMISSIBILITY FUNCTION | 1) A.P. Ts. DR. MOHAMMADREZA VAF AEI (C)                     | 10.00 AM - 11.00 AM |
|     |                                               |                                |                                                                                                                                                          | 2) A.P. Ts. DR. AHMAD RAZIN BIN ZAINAL ABIDIN @ MD. TAIB     |                     |
|     |                                               |                                |                                                                                                                                                          | 3) DR. AHMAD AZIM BIN SHUKRI                                 |                     |
| 3   | MOHD SYAFIQ BIN MOHD<br>SURI, MEA233017       | SAREHATI BINTI UMAR            | BURST CAPACITY OF PIPELINE ELBOWS WITH<br>MULTIPLE CORROSION DEFECTS SUBJECTED TO<br>INTERNAL PRESSURE                                                   | 1) A.P. Ts. DR. AHMAD RAZIN BIN ZAINAL ABIDIN @ MD. TAIB (C) | 11.10 AM - 12.10 PM |
|     |                                               |                                |                                                                                                                                                          | 2) DR. AHMAD AZIM BIN SHUKRI                                 |                     |
|     |                                               |                                |                                                                                                                                                          | 3) A.P. Ts. DR. TAN CHER SIANG                               |                     |

*(C) - Chairperson*