

GRADUATE RESEARCH EXHIBITION (GREx) 2025

Date: 15 May 2025 (Thursday)

Time: 9.00am - 4.30pm

Category: Engineering

Venue: Cisco Webex Meeting

Webex Link: GREx Day (Engineering)

<https://utm.webex.com/utm/j.php?MTID=md12dd9ae01686b53d35f28594eb0d46>

Meeting number: 2518 187 5727

Password: MtMjp2WDd57

TIME	ACTIVITY			
9.00am - 9.30am	Registration. The arrival of the juries, presenters and participants			
9.30am - 9.35am	Welcoming speech from Chairperson Rules & Regulations			
	NO.	PARTICIPANT NAME	TITLE OF E-POSTER	ASSIGNED JURY
9.35am-9.45am	1	RISHATANI A/P GUNASEGARAN	FLEXIHEART	1. DR. ABD HALIM 2. DR. SYAFIQAH SAIDIN 3. DR. FARHANA AZIZ
9.45am - 9.55am	2	NURUL NAJIAH BINTI ISHAK	NANOSTRUCTURED MODIFICATION OF TITANIUM DIOXIDE NANOFLOWER PHOTOANODE FOR DYE-SENSITIZED SOLAR CELL	
9.55am - 10.05am	3	MD MASUD KARIM	FAULT DETECTION AND DIAGNOSIS FOR AIR HANDLING UNITS (AHU) IN COMMERCIAL BUILDINGS	
10.05m - 10.15am	4	REHNUPREYA HENTRY VIENSION	NATURAL WEATHERING EFFECTS ON MRE WITH EIP	
10.15am - 10.25am	5	YAQOOB RASHID SALIM ALHINDASI	SUSTAINABLE APPLICATION OF FERROCHROME SLAG AS GREEN AGGREGATE MATERIAL	
10.25am - 10.35am	6	DEWI UTAMI	MAGNETORHEOLOGICAL DAMPER	
10.35am - 10.45am		SHORT BREAK		
10.45am - 10.55am	7	NOR AMIRA IZZATI BINTI AYOB	SMART MATERIAL MAGNETORHEOLOGICAL ELASTOMER (MRE): FABRICATION, CHARACTERIZATION AND TUNEABLE MECHANICAL PROPERTIES	1. DR. ABD HALIM 2. DR. SYAFIQAH SAIDIN 3. DR. FARHANA AZIZ
10.55am - 11.05am	8	NUR ADILAH BINTI ADANAN	TEMPERATURE STABILITY ON THE VISCOUS BEHAVIOUR OF MAGNETORHEOLOGICAL GREASE USING ELECTROLYTIC IRON PARTICLES	
11.05am - 11.15am	9	USAMA HUSSNAIN	SIMULATION ANALYSIS OF INTEGRATED CONCENTRATED PHOTOVOLTAIC THERMAL AND PROTON EXCHANGE MEMBRANE ELECTROLYZER SYSTEM	
11.15am - 11.25am	10	ZURAIDAH ABU BAKAR	EPISTEMIC PRACTICE EXPERT STRUCTURAL ENGINEER MAKING DECISION DESIGN STRUCTURAL PROBLEM ON SITE CONSTRUCTION	
11.25am - 11.35am	11	NG HOCK SENG	AN INTEGRATED ADOPTION MODEL FOR FOUR-DIMENSIONAL BUILDING INFORMATION MODELLING IN THE MALAYSIAN CONSTRUCTION INDUSTRY	
11.35am - 11.45am	12	NURUL IZZATI BINTI DARUL ZAMAN	INFECTIOUS DISEASE SCREENING BASED ON BODY TEMPERATURE PATTERN ANALYSIS AND MACHINE LEARNING	
11.45am - 11.55am	13	SUZIYANI BINTI MD ZIN	ACCELERATED TEMPERATURE EFFECT ON THE RHEOLOGICALOF MAGNETORHEOLOGICAL ELASTOMER (MRE) IN LOWTEMPERATURES EXPOSURE	
11.55am - 12.05pm	14	LOH ZHEUNG YIK	TRANSFORMER-BASED MACHINE LEARNING MODEL FOR PRODUCING PRIORITIZED MUTANTS FOR COST-EFFECTIVE MUTATION TESTING	
12.05pm		END OF JUDGING SESSION/GROUP PHOTO		

GRADUATE RESEARCH EXHIBITION (GREx) 2025

Date: 15 May 2025 (Thursday)

Time: 9.00am - 4.30pm

Category: Science & Technology

Venue: Cisco Webex Meeting

Webex Link: GREx Day (Science & Technology)

<https://utm.webex.com/utm/j.php?MTID=ma817dda97c2ea9a8959eff260768d4ae>

Meeting number: 2519 169 9461

Password: iDj6i1qmg28

9.00am - 9.30am	Registration. The arrival of the juries, presenters and participants			
9.30am - 9.35am	Welcoming speech from Chairperson Rules & Regulations			
	NO.	PARTICIPANT NAME	TITLE OF E-POSTER	ASSIGNED JURY
9.35am-9.45am	1	WAN NURA'IN NABILAH BINTI NORANUAR	SMOOTHING THE FLOW: MATHEMATICAL SIMULATION FOR BLOOD + NANOTUBES DURING ROTABLATION	1. DR. SHAMSULHADI 2. DR YAP YUNG SZEN 3. DR SEAH CHOON
9.45am - 9.55am	2	NASHMITTA PILLAI A/P VASUDEVAN PILLAI	SURFACE ENHANCED RAMAN SCATTERING SUBSTRATE BASED ON REDUCED GRAPHENE OXIDE EMBEDDED BIMETALLIC NANOPARTICLES FOR SACCHARIDES DETECTIONS	
9.55am - 10.05am	3	ELIS BINTI OSMAN	DUAL-RESPONSIVE POLYMER-COATED SIO2 SHELLS ENCLOSING TIO2 FOR BPA DEGRADATION	
10.05M - 10.15am	4	YEE SHI WEE	METALLIC-REDUCED GRAPHENE OXIDE MODIFICATION FOR ENHANCED HYDROGENATION OF ALKENE IN ELECTRIC FIELD	
10.15am - 10.25am	5	MOHD SHAHAR BIN ABDULLAH	AI-DRIVEN FRAMEWORK FOR REAL-TIME DISASTER RESPONSE AND MANAGEMENT	
10.25am - 10.35am	6	SITI RASHIDAH BINTI ABDOL RAZID	INTEGRATIVE COMPUTATIONAL AND EXPERIMENTAL ANALYSIS ON THE GREEN -SYNTHESIZED Ag-DOPED ZnO FOR PHOTOCATALYTIC WATER SPLITTING	
10.35am - 10.45am	SHORT BREAK			
10.45am - 10.55am	7	LUA YU HUI	ERBIUM-DOPED BOROTELLURITE DIELECTRIC RESONATOR FOR X BAND ESR	1. DR. SHAMSULHADI 2. DR YAP YUNG SZEN 3. DR SEAH CHOON
10.55am - 11.05am	8	LOUIS TEOH EN HONG	HANDWRITTEN SIGNATURE GENERATION VIA BÉZIER INTERPOLATION MODEL	
11.05am - 11.15am	9	SADAQUAT ALI RUK	ENVISIONING NEXT-GEN EFFORT ESTIMATION: AN AGILE-DEVOPS ENSEMBLE APPROACH	
11.15am - 11.25am	10	RIZKI SYAPUTRA	SENTIMENT ANALYSIS OF FREE MEAL PROGRAM USING MACHINE LEARNING TECHNIQUES AND CROSS-PLATFORM DATA SOURCES	
11.25am - 11.35am	11	NURFAZIRA BINTI MOHAMED FADIL	SEAMLESS MULTISOURCE TOPO-BATHYMETRIC ELEVATION MODEL FOR RIVER BASIN AT UNIVERSITI TEKNOLOGI MALAYSIA	
11.35am - 11.45am	12	SITI NUR IDARA BINTI ROSLI	VISUALIZATION OF KENYIR LAKEBED TOPOGRAPHY USING BÉZIER SURFACE INTERPOLATION MODELING	
11.45am - 11.55am	13	NIK IHTISYAM MAJDAH BINTI NIK RAZI	NBR-1 FOR FORENSIC VISUALIZATION OF LATENT FINGERPRINTS ON WET, NON- POROUS OBJECTS	
11.55am - 12.05pm	14	LIYANA BINTI SHATAR	LABEL-FREE SERS-BASED APTASENSOR FOR SARS-COV-2 S-PROTEINS DETECTION	
12.05pm - 12.15pm	15	CLIVE LAI YI CHENG	PHISHING URL DETECTION BASED ON NATURAL LANGUAGE PROCESSING AND GRAPH CONVOLUTIONAL NETWORK	
12.15pm - 12.25pm	16	SEHAR GUL KHAN	ENHANCING CLASSIFIER PERFORMANCE IN HIGH-DIMENSIONAL IMBALANCED DATASETS USING A HYBRID SAMPLING APPROACH	
12.25pm - 12.35pm	17	NURUL SHAKILA BINTI KHALID	DUAL ROLES, ONE OBJECTIVE: ENHANCING NODE AND PLACE SYNERGY IN KLANG VALLEY RAIL STATIONS	
12.35pm - 12.45pm	18	HAZIRAH BINTI HASIM	DEVELOPMENT AND EVALUATION OF PORTABLE NIR TECHNOLOGY FOR THE IDENTIFICATION OF CANNABINOIDS IN PLANT MATERIALS.	
12.45pm - 12.55pm	19	SYUHRAH IMAN BINTI MUHAMMAD AMZARI	INCOMPLETE FINGERPRINT REGION RESTORATION BY USING B-SPLINE CURVE	
12.55pm	END OF JUDGING SESSION/GROUP PHOTO			

GRADUATE RESEARCH EXHIBITION (GREx) 2025

Date: 15 May 2025 (Thursday)

Time: 9.00am - 4.30pm

Category: Social Science

Venue: Cisco Webex Meeting

Webex Link: GREx Day (Social Science)

<https://utm.webex.com/utm/j.php?MTID=m039931156ef2141976f77b0bc88dccc>

Meeting number: 2526 317 2918

Password: 8Cp3MDVnYD5

9.00am - 9.30am		Registration. The arrival of the juries, presenters and participants		
9.30am - 9.35am		Welcoming speech from Chairperson Rules & Regulations		
	NO.	PARTICIPANT NAME	TITLE OF E-POSTER	ASSIGNED JURY
9.35am-9.45am	1	WIMBI APRIWANDA NURSIWAN	SCIENTIFIC CREATIVITY IN CHEMISTRY EDUCATION: HOW CREATIVE ARE OUR STUDENTS, AND WHAT CAN WE DO ABOUT IT?	1. DR. SHAHID RASOOL 2. DR. ABDUL RAHIM 3. DR. DAYANA FARZEEHA
9.45am - 9.55am	2	MOHD SHAHRUL BIN SUONDOH	BRIDGING PATIENT CARE AND TECHNOLOGY: AN ACTION RESEARCH STUDY ON THE INTEGRATION AND ACCEPTANCE OF DIGITAL TOOLS IN BURN MANAGEMENT AMONG HEALTHCARE PROFESSIONALS AT HOSPITAL KUALA LUMPUR	
9.55am - 10.05am	3	MARENE MOHAMMAD	CREATING AN ENGAGING MALAY LANGUAGE LEARNING EXPERIENCE THROUGH INTERACTIVE EBOOK INNOVATION A CASE STUDY: LEARN MALAY WITH RENE (LMWR) INTERACTIVE EBOOK	
10.05M - 10.15am	4	ERRNA NADHIRAH BINTI KAMALULIL	BUILDING BETTER WORKPLACES: PSYCHOSOCIAL WORK ENVIRONMENTS, WORK-LIFE BALANCE AND WELL-BEING FOR PROFESSIONAL WOMEN	
10.15am - 10.25am	5	NERISHA SARAH BINTI NUR MALEK	MENTAL HEALTH SYMPTOMS AND COPING STRATEGIES ON PSYCHOLOGICAL WELL-BEING AMONG UNIVERSITY STUDENTS	
10.25am - 10.35am	6	WAHIDAH BINTI ABD RAHMAN	EMPOWERING REFLEXOLOGY EDUCATORS WITH AI: BRIDGING CLASSROOM LEARNING AND SPA PRACTICE THROUGH PROJECT-BASED LEARNING	
10.35am - 10.45am	7	SHORT BREAK		
10.45am - 10.55am	8	HANIS NAZURAH BINTI ABU HASSAN	CULTURALLY RESPONSIVE PUBLIC SPACE FOR COMMUNITY ADAPTATION AND SOCIAL COHESION AT RESETTLEMENT HOUSING	1. DR. SHAHID RASOOL 2. DR. ABDUL RAHIM 3. DR. DAYANA FARZEEHA
10.55am - 11.05am	9	KUMARAGURU LAHANDRAHASAN	BOOSTING AUTOMOTIVE INDUSTRY PERFORMANCE AND SALES THROUGH TRAINING AND COACHING: AN ACTION RESEARCH APPROACH	
11.05am - 11.15am	10	AIMI RUZAINI BINTI AHMAD	BIJAKKIMPAL: WEB-BASED LEARNING FOR WELDING TECHNOLOGY COURSE	
11.15am - 11.25am	11	NUR ATIQA BINTI ISMAIL	FROM GRAMMAR TO GROSS PAY: THE ECONOMIC POWER OF ENGLISH	
11.25am - 11.35am	12	MOHD SHAHRUL BIN SUONDOH	EMPOWERING BRAND IDENTITY: A STRATEGIC ACTION RESEARCH APPROACH TO HEALTHCARE ADVOCACY LOGO REBRANDING	
11.35am - 11.45am	13	MOHD AZREEY SHAH BIN ABD AZIZ	THE MOST INFLUENTIAL FIRM-LEVEL RECEPTIVITY LEVERS TOWARDS ONBOARDING SMES ONTO THE NATIONAL DIGITAL IDENTITY PLATFORM	
11.45am - 11.55am	14	MOHAMED FAIZ BIN RAMLI	THE DEVELOPMENT OF THE OPERATION AND MAINTENANCE COST MODEL FOR FINANCIAL SUSTAINABILITY TOWARDS MALAYSIA URBAN RAILWAY ASSET OWNER'S	
11.55am - 12.05pm	15	CHENJING	IN A MULTICULTURAL CONTEXT:HOW COLLEGE STUDENTS UNDERSTAND THEMSELVES, ADAPT TO THE ENVIRONMENT AND EXPRESS THEIR IDENTITIES	
12.05pm - 12.15pm	16	LIU CHANGYU	SUSTAINABLE HEALTH, SUSTAINABLE PLANET	
12.15pm - 12.25pm	17	SITI NORHANA BINTI ABU HAMIS	EXCELLENT TEACHER TRAINING PRACTICES IN JOHOR	
12.25pm - 12.35pm	18	RAFIZAH BINTI ZAHRI	YOUTH-CENTRED FLOOD DISASTER RISK REDUCTION (DRR) FRAMEWORK FOR RESILIENT COMMUNITY	
12.35pm - 2.30pm	LUNCH BREAK / ZUHR PRAYER			
2.30pm - 2.40pm	19	KOH WEN XUAN	ANALYZING THE ROLE OF LEAN MANUFACTURING PRACTICES IN DRIVING SUSTAINABILITY IN MALAYSIAN MANUFACTURING ORGANIZATIONS: MODERATING EFFECT OF EMPLOYEE INVOLVEMENT.	1. DR. SHAHID RASOOL 2. DR. ABDUL RAHIM 3. DR. DAYANA FARZEEHA
2.30pm - 2.50pm	20	SHARIFAH MAIMUNAH BINTI SYED ZAID	DEVELOPMENT AND VALIDATION OF INSPEK21 ("INSTRUMEN PENENTUAN STRATEGI PEMBELAJARAN ABAD KE-211")	
2.50pm - 3.00pm	21	NURSHAHIRAH BINTI MHD SHAARI	DESIGN AND VALIDATION OF A CAMPUS SECURITY INDEX FOR MALAYSIAN PUBLIC UNIVERSITIES	
3.00pm - 3.10pm	22	SUZZANNA BINTI AMIR MOHAMMAD	EVALUATING THE USABILITY OF THE ELEV-LEAD TRAINING MODULE FOR LEADERS OF ABORIGINAL SCHOOLS THROUGH THE NOMINAL GROUP TECHNIQUE	
3.10pm - 3.40pm	23	CHEN YIYI	THE INFLUENCE OF PERSON ORGANIZATION VALUE FIT, PSYCHOLOGICAL NEEDS FULFILLMENT, AND WORK ENGAGEMENT ON ORGANIZATIONAL CITIZENSHIP BEHAVIOR	
3.40pm - 3.50pm	24	AMIRUL NEEZAM BIN MOHD ZAMRI	THE EFFECTIVENESS OF MESSAGE FRAMING AND ALTRUISM TO ENHANCE BLOOD DONATION INTENTION AND HAPPINESS AMONG UNIVERSITY STUDENTS.	
3.50pm	END OF JUDGING SESSION/GROUP PHOTO			