

# **INTERNATIONAL CONFERENCE ON RESEARCH IN ENGINEERING & SOCIAL SCIENCE (iRES2) 2021**

**Presentation Session:** 15 minutes (10 minutes video & 5 minutes Q & A)

## **ROOM 1 ENGINEERING**

**MODERATOR :** ENCIK RAJANDRAN A/L MORTHUI  
**ASSESSOR :** DR. DULINA BINTI THOLIBON

**DATE:** 29th JULY 2021 (THURSDAY)

<b>TIME</b>	<b>PRESENTER</b>	<b>TITLE</b>
11.00 – 11.15	Rahmaningtyas N. F. Rosidi	Hydrogeology Study of The Aquifer Soil Using the Slug Test Method of The Mining Engineering Building Environment, UPN “Veteran” Yogyakarta
11.20 – 11.35	Devi Handaya	Monitoring and Controlling System of Household Scale Electricity Consumption Based on PIn Network
11.40 – 11.55	Sutanto Sutanto	Effect of Addition of Titan Dioxide on Changes in Turbidity in Industrial Wastewater Treatment Using Electrocoagulation Process
12.00 – 12.15	Andi Ulfiana	Virtual Temperature Instrument on Two-Shaft Gas Turbine Simulator
12.20 – 12.35	Muslimin Muslimin	Ergonomic Workplace Design Improvement to Increase Production Productivity (A Case Study in Small-Scale Medium Industry Paving Block Manufacturing)
12.40 – 12.55	Isnanda Nuriskasari	Prototype of Peat Water Power Plant with Volta Cell Principle as Alternative Electricity
1.00 – 2.00	<b>BREAK</b>	

## ROOM 1 ENGINEERING

**MODERATOR :** TS. MOHD FARIZZAL BIN DOLAH MUHAMAD  
**ASSESSOR :** DR. FUAD ZAINURI., S.T., M.SI.

**DATE:** 29th JULY 2021 (THURSDAY)

TIME	PRESENTER	TITLE
2.00 - 2.15	Ahmad Bustomi	Wear Rate of Brake Lining Manufactured from Sawdust, Cocopeat, Rice Husk, And Coconut Shell Carbon
2.20 – 2.35	Mudiono Kasmuri	The Effect Waste Slag Steel Material Substitute Coarse Aggregate of High Strength Concrete
2.40 – 2.55	Muslimin Muslimin	Study of the Effect EDM Process Parameter of Current Discharge on The Hardness of The Material AISI 316 Food Grade with Copper and Graphite Electrode
3.00 – 3.15	Yuhani Jimian	Log Out Tag Out (LOTO) Box Implementation for Electrical Maintenance Works at Politeknik Kuching Sarawak (PKS)
3.20 – 3.35	Mazlina Abd Ghani	The Performance of Concrete with Bamboo Fiber Addition
3.40 – 3.55	Ct Salwaniee Bahayahkhi	Development of I-Parcel Guard Development for Home Courier Service
4.00 – 4.15	Zarina Binti Haji Ibrahim	Persepsi Pelajar Terhadap Penggunaan Aplikasi Web 2.0 Dalam Aktiviti Pengajaran Dan Pembelajaran Untuk Kursus DET 10013 Electrical Technology
4.20 – 4.35	Wan Husni Zaim Wan Muhamad	Pembangunan Alat Pembekal Tenaga Elektrik Solar Pelbagai Fungsi
4.40	<b>END OF SESSION</b>	

**ROOM 2  
ENGINEERING & IOT**

**MODERATOR : ENCIK KHAIRULZAMIL BIN MD. NAZIMUDDIN**  
**ASSESSOR : DR. MOHD ELIAS BIN DAUD**

**DATE : 29th JULY 2021 (THURSDAY)**

<b>TIME</b>	<b>PRESENTER</b>	<b>TITLE</b>
11.00 – 11.15	Zamali Omar	Development of Landslide Early Warning System Prototype using Global System for Mobile (GSM)
11.20 – 11.35	Nurul Huda Jamil	A review: Challenge to the use of RE technologies in Malaysia's Remote Area
11.40 – 11.55	Azlan Shah Kamaruddin	A Study of the Effectiveness of The Energy Saving Program At Politeknik Merlimau
12.00 – 12.15	Fahrurrazi Mahyun	Kajian Kebolehpayaan Alat Penapis GrewFIL Merawat Air Sisa Basuhan Mesin Basuh Pakaian
12.20 – 12.35	Mohd Hafizil Mat Yasin	Design and Development of Flexible Conveyor Trash Collector
12.40 – 12.55	Asrul Zakaria	Aplikasi Penentuan Laluan Pemasangan Kabel Optik Dasar Laut Menggunakan Sistem Maklumat Geografi
1.00 – 2.00	<b>BREAK</b>	

**ROOM 2  
ENGINEERING & IOT**

**MODERATOR : PUAN SINATU SADIAH BINTI SHAPIE**  
**ASSESSOR : DR IWAN SUSANTO**

**DATE : 29th JULY 2021 (THURSDAY)**

TIME	PRESENTER	TITLE
2.00 - 2.15	Nor Hidayu Shahadan	Feeding Network of High Gain Switchable Dielectric Resonator Antenna Array for 5G Applications
2.20 – 2.35	Muhammad Abdul Jalil	Implementation of Polynomial Based Trajectory Planning to Follow Recorded Trajectory with High Accuracy Using Kuka Youbot
2.40 – 2.55	Wan Husni Zaim Wan Muhamad	Study of Match-Bot Turbocharger Application to Match EFR6758 Turbocharger for 2.5l Diesel Engine
3.00 – 3.15	Ahmad Zairi Mohd Zain	Electricity Demand Forecasting at Kuantan Community College as Impact of COVID-19 Pandemic
3.20 – 3.35	Rahim Ishak	Effect of Sodium Hydroxide (NaOH) and Sodium Silicate (Na <sub>2</sub> SiO <sub>3</sub> ) of Geopolymer Concrete at Ambient Temperature
3.40 – 3.55	Azaliza Baharom	Pembangunan Dan Keberkesanan Penggunaan Trainer Penjana 3 Fasa Sebagai Alat Bahan Bantu Mengajar Bagi Kursus Electrical Circuit
4.00 – 4.15	Asrul Zakaria	Kesan Ketumpatan Dan Kelembapan Tanah Bagi Pengesanan Utiliti Metal Dan Bukan Metal Melalui Analisis Imej Ground Penetrating Radar (Gpr)
4.20 – 4.35	Faizal Ahmad	lot Untuk Pemantauan Dan Kawalan Inkubator Telur Unggas Bersepadu Menggunakan Pelayan Opc-Ua Plc Nx-102 Dan Raspberry-Pi
4.40 – 4.55	Sharifah Adawiah Syed Ahmad	Ketahanan Sifat Fizikal Dan Sifat Mekanikal Papan Termoplastik Sungkai (Peronema canescens)
5.00	<b>END OF SESSION</b>	

**ROOM 3  
SOCIAL SCIENCE**

**MODERATOR : PUAN ADLENA HANY BINTI ABU ADAM**  
**ASSESSOR : DR. DRA. IIS MARIAM**

**DATE : 29th JULY 2021 (THURSDAY)**

<b>TIME</b>	<b>PRESENTER</b>	<b>TITLE</b>
11.00 – 11.15	Nur Hasyim	Evaluation Of Vision, Mission, And Program by Strategic Plan Achievement Approach
11.20 – 11.35	Dr. Sylvia Rozza	Critical Factors Determine Customers' Intention to Use Islamic Financing Product from Sharia Banks in Indonesia
11.40 – 11.55	Lia Ekowati	Transparency of Tax Information Through Website at Pratama Tax Service Office in South Jakarta
12.00 – 12.15	Dwi Agnes Natalia Bangun	Visual Elements Application of Packaging Design That Meet the Criteria of Equality in Principle by Trademark Law
12.20 – 12.35	Mohd.Faiross Ibrahim	Kecenderungan Pelajar Program Inkubator Videografi Di Politeknik METRo Tasek Gelugor Terhadap Keusahawanan Dalam Industri Kreatif Multimedia
12.40 – 12.55	Noor Hidayah Jamaludin	Analisis Kesilapan Topik Pengamiran dalam Kalangan Pelajar Kejuruteraan Politeknik
1.00 – 2.00	<b>BREAK</b>	

**ROOM 3  
SOCIAL SCIENCE**

**MODERATOR : PUAN ZAIHASRA BTE RUKIMAN**  
**ASSESSOR : TS DR. HJ. ZUNUWANAS BIN MOHAMAD**

**DATE : 29th JULY 2021 (THURSDAY)**

TIME	PRESENTER	TITLE
2.00 - 2.15	Ku Ahmisuhaiti Ku Ahmad	Faktor Penentu Gelagat Pematuhan Cukai Secara Sukarela Dalam Kalangan Pensyarah Politeknik
2.20 – 2.35	Rahayu Jonit	Analisis Faktor Stres Serta Pengurusannya Dikalangan Pelajar
2.40 – 2.55	Chong Chee Keong	Amalan Komuniti Pembelajaran Profesional: Cabaran Guru Sekolah Rendah Berprestasi Tinggi Malaysia
3.00 – 3.15	Azlan Shah Kamaruddin	Study on the Graduates Employability of Politeknik Merlimau Based on the Politeknik Merlimau Graduates Employability Model
3.20 – 3.35	Aishah Mohd Marsin	Food Safety Knowledge Among Students in Pasir Salak Community College
3.40 – 3.55	Akmarya Akhir	Smart Qr Code Scanner for Primary School Timetable
4.00 – 4.15	Noraini Harun	Analisis Keberkesanan Buku a Quick Guide Power System Bagi Kursus DGI30093 Power System: Kajian Tindakan
4.20 – 4.35	Nur Fadhilah Zaharin	The Relationship Between Sustainability Knowledge and Sustainable Purchasing Practices Among Adult Consumers
4.40 – 4.55	Hasyireen Binti Abdul Halim	The Effectiveness of Online Teaching and Learning in Polytechnic Tun Syed Nasir during Covid-19 Pandemic
5.00	<b>END OF SESSION</b>	

**ROOM 4**  
**SOCIAL SCIENCE & TVET EDU**

**MODERATOR :** TS. HAIZAL BIN MOHD HAMZAH  
**ASSESSOR :** TS. DR. AHMAD FATEH BIN MOHAMAD NOR

**DATE :** 29th JULY 2021 (THURSDAY)

<b>TIME</b>	<b>PRESENTER</b>	<b>TITLE</b>
11.00 – 11.15	Mohd Zulkifli Manaf	Assessing Students' Satisfaction Toward Campus Facilities in Politeknik Tuanku Syed Sirajuddin: An Empirical Study
11.20 – 11.35	Wan Anuwar Affandy Wan Ali	Undergraduate Perceptions Towards a Career in Tourism and Hospitality Industry
11.40 – 11.55	Luqman Nul Hakim Juwara	Pembelajaran Secara Dalam Talian Pelajar Diploma Kejuruteraan Mekanikal Automasi: Satu Kajian Kes
12.00 – 12.15	Noraihan Isa	Unemployment Factor Analysis for Engineering Graduates from 2016 to 2020 - A Thematic Review
12.20 – 12.35	Aishah Saim	Kesedaran Politik Pelajar Dalam Pilihanraya Kampus (PRK) Di Politeknik Banting Selangor
12.40 – 12.55	Norziana Abu Samah	The Relationship between Food Quality and Staff Satisfaction - A Case Study of Politeknik Tuanku Syed Sirajuddin Staff Cafeteria
1.00 – 2.00	<b>BREAK</b>	

**ROOM 4**  
**SOCIAL SCIENCE & TVET EDU**

**MODERATOR :** PUAN RENI SURIANI BINTI HASHIM  
**ASSESSOR :** DR. DRA., ERI ESTER KHAIRAS , M.HUM.

**DATE : 29th JULY 2021 (THURSDAY)**

TIME	PRESENTER	TITLE
2.00 - 2.15	Mohd Norfaeezwan Buang	Menangis Dalam Perspektif Ilmu Wahyu Dan Hubungannya Dengan Kesihatan
2.20 – 2.35	Rosmiza Wira	Faktor Yang Mempengaruhi Keberkesanan Pengurusan Rekod Bangunan Kerajaan: Kajian Kes di Jabatan Kerja Raya Negeri Pahang
2.40 – 2.55	Herlina Miur Zabidin	Penggunaan Google Meet Dan Classroom Dalam Pengajaran Dan Pembelajaran Dan Hubungan Dengan Kemahiran ICT
3.00 – 3.15	Zarina Yusof	The Perception of New Norms Towards Online Shopping for Student at Politeknik Port Dickson During Pandemic Covid 19-1.0
3.20 – 3.35	Junaidah Mohd Jan Jang	The Relationship between Ambience Elements and Staff Satisfaction. A case Study of Politeknik Tuanku syed Sirajuddin Cafeteria
3.40 – 3.55	Siti Wahidah Arris (TVET EDU)	Pandemik COVID-19: Tahap Motivasi Pembelajaran dalam Kalangan Pelajar Kolej Komuniti Beaufort, Sabah (KKBS)
4.00 – 4.15	Norazmira Binti Abd Rahman (TVET EDU)	Kebolehgunaan Inovasi Pembelajaran Web Design Kit Bagi Kursus STM 2044 Pembangunan Reka Bentuk Laman Web Di Kolej Komuniti Pasir Salak
4.40 – 4.55	Fakhriah Muhsin (TVET EDU)	The Application of the CDIO Approach in the Programme of Diploma in Architecture (DSB) to Enhance Architectural Education of Polytechnic Malaysia
5.00	<b>END OF SESSION</b>	

**ROOM 5  
TVET EDU**

**MODERATOR :** ENCIK SHAHRULNIZAM BIN BAKAR  
**ASSESSOR :** DR. AHMAD ROSLI BIN MOHD NOR

**DATE : 29th JULY 2021 (THURSDAY)**

<b>TIME</b>	<b>PRESENTER</b>	<b>TITLE</b>
11.00 – 11.15	Azlizul Suli	Development of Hydraulic Landing Gear Training Kit as a Teaching Aid for Aviation Courses
11.20 – 11.35	Hanimastura Hashim	Kajian Awal Kerangka Konsep Strategi Penerapan Keusahawanan Merentasi Kurikulum Sijil Teknologi Maklumat Kolej Komuniti
11.40 – 11.55	Chung Boon Chuan	Identifying the Correlation Between the Students' Achievement in SPM English and Semester 1 and 2 Overall Performance for the Electrical Department of Politeknik Kota Bharu
12.00 – 12.15	Jusma Jaafar	Inferens Pengajaran Dan Pembelajaran (PdP) Semasa Pandemik Covid-19
12.20 – 12.35	Kannan Rassiah	Design Of Experiment to Mixed Polymer Materials for Teaching & Learning Purposes
12.40 – 12.55	Mohd Fauzi Abu Bakar	Tahap Pencapaian Akademik Pelajar Melalui Pengajaran & Pembelajaran Dalam Talian (PdPDT) Jabatan Perdagangan Politeknik Melaka Bagi Sesi Jun 2020
1.00 – 2.00	<b>BREAK</b>	

**ROOM 5  
TVET EDU**

**MODERATOR :** TS. DR. KANNAN A/L RASSIAH  
**ASSESSOR :** DR. MERA KARTIKA DELIMAYANTI., S.SI., M.T., PH.D.

**DATE : 29th JULY 2021 (THURSDAY)**

TIME	PRESENTER	TITLE
2.00 - 2.15	Emmy Liana Ayob	Video Tutorial Sebagai Alat Tambah Pembelajaran dan Pengajaran
2.20 – 2.35	Sarvinder Singh	Augmented Reality: A Step Forward in Architecture Project Presentation
2.40 – 2.55	Nina Shenna Kosumin	“Faktor Yang Mempengaruhi Kepuasan Pelajar Terhadap Pembelajaran Dalam Talian: Peranan Hasil Pembelajaran Sebagai Pengantara.”
3.00 – 3.15	Erita Mazwin Mazlan	Persepsi Pelajar Terhadap Pendidikan Teknikal Dan Latihan Vokasional Di Melaka
3.20 – 3.35	Nur Azlin Azhari	Effect of Employer Satisfaction Level Towards Job Employment Offer and Employability Rates of Selandar Community College Graduates
3.40 – 3.55	Nur Hidayah Mohiddin	Pendidikan Berasaskan Hasil (OBE) Diploma Rekabentuk Grafik & Diploma Teknologi Media Cetak
4.00 – 4.15	Norizah Mahasan	Persepsi Terhadap Impak Pengajaran dan Pembelajaran Dalam Talian Bagi Pembelajaran Pelajar Jabatan Perdagangan Politeknik Melaka
4.20 – 4.35	Muhamad Azlin Ismail	Tinjauan Penggunaan Inovasi HWEBAR Terhadap Pelajar Kursus Teknologi Rangkaian di Kolej Komuniti Bagan Datuk
4.40	<b>END OF SESSION</b>	

**ROOM 6**  
**BUSINESS MANAGEMENT & IT**

**MODERATOR :** ENCIK ZAKI BIN MUHAMMAD @ MOHD YASIN  
**ASSESSOR :** DR., UTAMI PUJI LESTARI , S.E., M.AK

**DATE : 29th JULY 2021 (THURSDAY)**

<b>TIME</b>	<b>PRESENTER</b>	<b>TITLE</b>
11.00 – 11.15	DR. Supriatnoko	Consumer Perception of Value Proposition Domestic Skincare Products
11.20 – 11.35	Halim Dwi Putra	Do You See That I See? What Reasons Indonesian to Start a Business In 2020?
11.40 – 11.55	Sabar Warsini	The Role of the External Auditors and Independent Board of Commissioners to Moderate Influence of Family Ownership on Tax Avoidance
12.00 – 12.15	Tetty Rimenda	The Role of Fear in Social Marketing Advertising
12.20 – 12.35	Ida Nurhayati	Implementation of Good Corporate Governance Principles as the Effort to Prevent the Crime of Money Laundering in Banking (Case Study at The “Bank Permata” East Jawa)
12.40 – 12.55	Zaihasra Rukiman	Kajian Tahap Kepuasan Pelajar Terhadap Pengurusan Fasilitas, Persekitaran dan Keselamatan di Asrama
1.00 – 2.00	<b>BREAK</b>	

**ROOM 6**  
**BUSINESS MANAGEMENT & IT**

**MODERATOR :** TS. ZULHISYAM BIN SALLEH  
**ASSESSOR :** DR. ANNAFATMAWATY BINTI ISMAIL

**DATE :** 29th JULY 2021 (THURSDAY)

TIME	PRESENTER	TITLE
2.00 - 2.15	Faridah Jaafar	Penentu Kejayaan dan Risiko Perniagaan Pasar Tani Mega di Seksyen 13, Shah Alam, Selangor
2.20 – 2.35	Rosmaria Ismail	Pengaruh Nisbah Kewangan Ke Atas Prestasi Firma Dalam Sektor Telekomunikasi di Malaysia
2.40 – 2.55	Faridah Che In	Kajian Tinjauan Pemilihan Minyak Sawit Dalam Kalangan Pengguna Malim Jaya, Melaka
3.00 – 3.15	Ida Syafrida	Determination of Muslim on Paying Cash WAQF
3.20 – 3.35	Khairul Bariah Sulaiman (IT)	i-Slide : Specimen Slide for Laboratory Experiments
3.40 – 3.55	Defiana Arnaldy (IT)	Implementation of Anydesk Computer Remote Desktop Application in Supporting “Work from Home”
4.00 – 4.15	Eddy Edwin (IT)	WEB-Based Computer Application System For "Essay" File Assessment Count
4.20 – 4.35	Dewi Yanti Liliana (IT)	IT Job Vacancy Recommender System Using Random Forest Classifier
4.40 – 4.55	Ade Rahma Yuly (IT)	Feldman's Critical Analysis: How an Animation Presents a Meal Preparation Scene to Build Audience Engagement
5.00	<b>END OF SESSION</b>	