

TECHNOLOGY AND INNOVATION INTERNATIONAL CONFERENCE (TECHON) 2021

Tuesday, September 14, 2021 (2.00PM - 4.10PM, Malaysian time. UTC +08:00)

ROOM 1 (ENGINEERING)

Msteam Link: shorturl.at/mnGQY

Session Chair: Ts. Ir. Dr Ahmad Azlan bin Ab Aziz

Moderator: Dr Nur Adilla binti Kasim

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
2:00pm-2:15pm	TECHON 2021: 047-032	Programmable Logic Controller Trainer For Polytechnic Students	Roslinda Ismail and Suhairi Suaibun	Roslinda binti Ismail	Electrical Engineering Department Polytechnic Kota Bharu
2:15pm-2:30pm	TECHON 2021: 030-016	An Efficient of Overlapping Grid Method with Scattering Technique in Time Domain for Numerical Modeling	Bong Siaw Wee, Kismet Hong Ping and Shafrida Sahrani	Ts. Dr. Bong Siaw Wee	Department of Electrical Engineering, Politeknik Mukah, Malaysia.
2:30pm-2:45pm	TECHON 2021: 134-120	Development of Oil Palm Shell-reinforced 316L Stainless steel Composite Prepared by Powder Metallurgy Route	Zulaikha Abdullah, Sufizar Ahmad and Goodwin ak Dangan	Zulaikha bte Abdullah	Politeknik Mukah Sarawak
2:45pm-3:00pm	TECHON 2021: 097-067	A Development of Energy Harvesting Floor Using Piezoelectric Sensors	Michael Sillang and Susie Patricia	Ts. Michael Sillang Anak George Albert	Politeknik Mukah, Sarawak
3:00pm-3:10pm	10 minutes break				
3:10pm-3:25pm	TECHON 2021: 105-074	Electrical Power Prediction of a Small-Scale Hydrokinetic Turbine	Diana Ringgau	Diana anak Ringgau	Politeknik Mukah
3:25pm-3:40pm	TECHON 2021: 119-088	Easy Measurement Equipment	Norliza Abd Razak and Hamadi Ahmad	Norliza binti Abd. Razak	Politeknik Mukah
3:40pm-3:55pm	TECHON 2021: 069-096	Switched Reluctance Motors: Review on Fundamentals, Controls and Applications	Hamadi Ahmad and Norliza Abd Razak	Hamadi Bin Ahmad	Department of Electrical Engineering, Politeknik Mukah
3:55pm-4:10pm	TECHON 2021: 065-099	Investigate The Performance Of Line Following Robot With Different IR Sensor Position Mounted	Mohd Nazrul Effendy Mohd Idrus, Mohd Khairul Anuar Mohd Khairi and Kamarul Ariff Abu Mansor	Mohd Nazrul Effendy Bin Mohd Idrus	Department of Electric Engineering, Politeknik Mersing

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Tuesday, September 14, 2021 (2.00PM - 4.10PM, Malaysian time. UTC +08:00)

ROOM 2 (ENGINEERING)

Msteam Link: shorturl.at/avELO

Session Chair: Dr Nurul Izzatul Akma Binti Katim

Moderator: Tan Kheng Wee

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
2:00pm-2:15pm	TECHON 2021: 044-029	Distillation of Essential Oil Through Portable Distiller to the Partners of the Program for Disseminating Technology Product to Community	Hidayat Asta, Daud Perdana, Munandar and Kiki Kristiandi	Kiki Kristiandi	Politeknik Negeri Sambas
2:15pm-2:30pm	TECHON 2021: 050-035	The Supply Chain Management of Sambas Citrus	Andiyono, Erik Darmansyah, Rozana, Radian and Tatang Abdurrahman	Andiyono	Politeknik Negeri Sambas
2:30pm-2:45pm	TECHON 2021: 051-036	Risks Identification of Pontianak Citrus Farming in Sambas District West Kalimantan	Erik Darmansyah, Andiyono, Rozana, Radian and Tatang Abdurrahman	Erik Darmansyah	Politeknik Negeri Sambas
2:45pm-3:00pm	TECHON 2021: 052-037	NTRM (Non Tobacco Related Material) Madura Sliced Tobacco Controlling Strategy	Rozana, Lorine Tantal and Sudirman	Rozana	Politeknik Negeri Sambas
3:00pm-3:10pm	10 minutes break				
3:10pm-3:25pm	TECHON 2021: 081-052	GP Nangka SMART Fertigation System: Innovation Research for Sarawak Agriculture	Amir Haziq Loh Bojeng, Siti Zuraifa Md Sah, Mohammad Fadzli Jawawi, Mohd Fahmi Abd Razak and Mohammad Pauzi Mokhtar	Siti Zuraifa Binti Md Sah	Politeknik Mukah Sarawak, Politeknik Kuching Sarawak
3:25pm-3:40pm	TECHON 2021: 016-011	Properties of Pervious Concrete with Recycled Oyster Shells as Partial Aggregates Component	Nadia Razali, Nur Aini Ahmad Sani, Nadlene Razali and Nurriswin Jumadi	Nurriswin Jumadi	Universiti Kuala Lumpur - Malaysian Institute of Chemical and Bioengineering Technology, 78000 Alor Gajah, Melaka, Malaysia.

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
3:40pm-3:55pm	TECHON 2021: 029-048	Kajian Penggunaan Perlite, Abu Dasar (Bottom Ash) Dan Gentian Sabut Kelapa Sebagai Pengganti Agregat Halus Dalam Menghasilkan Nisbah Campuran Pontoon Konkrit Ringan	Mohd Fahmi Abd Razak and Siti Zuraifa Md. Sah	Mohd Fahmi Bin Abd Razak	Politeknik Mukah Sarawak
3:55pm-4:10pm	TECHON 2021: 095-064	Kajian Kekuatan Bata Termampat Berasaskan Tanah Liat	Mohd Rizal, Nik Nur Dina and Ahmad Shahril	Mohd Rizal Bin Khatib	Politeknik Mukah

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Tuesday, September 14, 2021 (2.00PM - 4.40PM, Malaysian time. UTC +08:00)

ROOM 3 (INFORMATION TECHNOLOGY)

Msteam Link: shorturl.at/gxL45

Session Chair: Mr. Mohd Helmy Abd Wahab

Moderator: Dr Norliza binti Abdullah

Time	Paper ID	Paper Title	Authors	Presenter	Affiliation
2:00pm-2:15pm	TECHON 2021: 049-034	Application Design for Catholic Church Administration in Sambas Regency	Theresia Widji Astuti	Theresia Widji Astuti	Politeknik Negeri Sambas
2:15pm-2:30pm	TECHON 2021: 135-106	Kajian Keberkesanan Sistem Pengurusan Unit Jaminan Kualiti (UJQMS) Politeknik Mukah	Aisyah Suhaila Jili and Fairrose Mohtar	Aisyah Suhaila bt Jili	Politeknik Mukah
2:30pm-2:45pm	TECHON 2021: 131-110	Usability Testing on PTSS Conference Management System	Ruziana Mohamad Rasli, Mime Azrina Jaafar, Hafizah Abdullah Ali and Hafizah Abdullah Ali	Ruziana Mohamad Rasli	Politeknik Tuanku Syed Sirajuddin
2:45pm-3:00pm	TECHON 2021: 048-033	Requirement Model to Optimize Features Selection for Web-Based e-learning on Learning Management System (LMS)	Narti Prihartini	Narti Prihartini	Politeknik Negeri Sambas
3:00pm-3:15pm	TECHON 2021: 060-042	A Correlational Study on the Relationship between Students' Readiness and Attitudes towards Online English Language Learning	Kamilah Zainuddin, Tengku Ahmad Badrul Shah Raja Hussin and Noor Asmaa' Hussein	Kamilah Binti Zainuddin	General Studies Department (Politeknik Kota Bharu, Malaysia)
3:15pm-3:25pm	10 minutes break				
3:25pm-3:40pm	TECHON 2021: 086-058	Faktor Yang Mempengaruhi Hasil Pembelajaran Pelajar Dalam Pembelajaran Atas Talian: Kajian Kes Di Politeknik Kota Kinabalu	Nina Shenna Kosumin, Clayrina Julianus and Ag Izzuddin Hamdi Awang Rasim	Clayrina Julianus	Jabatan Pelancongan dan Hospitaliti (Politeknik Kota Kinabalu, Kota Kinabalu, Sabah)
3:40pm-3:55pm	TECHON 2021: 022-053	Sikap Mahasiswa Politeknik terhadap Youtube sebagai Sumber Maklumat	Petrus Banati @ Fizzerius and Alester G Jakuil	Petrus Bin Banati @ Fizzerius	Politeknik Kota Kinabalu Sabah

Time	Paper ID	Paper Title	Authors	Presenter	Affiliation
3:55pm-4:10pm	TECHON 2021: 092-060	The E-learning Centralised Systems adoption during the Covid-19 Pandemic	Mohamad Shafiq Mohamed Nasaruddin, Muhammad Wasfi Khairul Anuar, Ahmad Syakir Kadimin and Habsah Mohamad Sabli	Mohamad Shafiq Mohamed Nasaruddin	Politeknik Mukah
4:10pm-4:25pm	TECHON 2021: 094-062	The Facilitating Conditions with CIDOS 3.5 Utilisation	Adi Jaya Adam, Salinda Rosli and Habsah Mohamad Sabli	Adi Jaya Adam	Politeknik Mukah
4:25pm-4:40pm	TECHON 2021: 103-073	Cabaran Pembelajaran dan Pengajaran Dalam Talian (PdPDT) : Kajian Sorotan Literatur Bersistematik	Abdul Fattah Hamden	Abdul Fattah Bin Hamden	Politeknik Metro Betong Sarawak

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Tuesday, September 14, 2021 (2.00PM - 4.10PM, Malaysian time. UTC +08:00)

ROOM 4 (SOCIAL SCIENCE)

Msteam Link: shorturl.at/yIO15

Session Chair: Dr Desloehal Djumrianti

Moderator: Dr Habsah binti Mohd Sabli

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
2:00pm-2:15pm	TECHON 2021: 031-017	Hubungan Kekerapan Bermain Permainan Dalam Talian Dengan Motivasi Belajar Pelajar Kejuruteraan Di Politeknik Port Dickson	Suhana Ramli, Noorain Ithnin and Farizah Sufar	Suhana binti Ramli	Politeknik Port Dickson
2:15pm-2:30pm	TECHON 2021: 021-012	Keperluan Unit Pemeriksaan Dalaman Bagi Proses Penambahbaikan Kerja-kerja Penyelenggaraan Kenderaan Rasmi Institusi	Arman Haji Ahmad Sapawi, Zuraiti Haji Che Amat and Mohd Asmedi Yaacob	Arman Bin Hj Ahmad Sapawi	Politeknik Sultan Azlan Shah
2:30pm-2:45pm	TECHON 2021: 093-061	Financial Literacy Among Micro Entrepreneur Performance In Sarawak, Malaysia.	Habsah Mohamad Sabli, Nik Suriani Nik Fauzi and Mohammad Fardillah Wahi	Mohammad Fardillah Bin Wahi	Politeknik Mukah Sarawak
2:45pm-3:00pm	TECHON 2021: 022-075	Pilihan Barangan Dan Gelagat Pembelian Pengguna Atas Talian	Javadius Bollah, Alester G Jakuil and Petrus Banati	Javadius Bollah	Jabatan Kejuruteraan Elektrik, Politeknik Kota Kinabalu Sabah
3:00pm-3:10pm	10 minutes break				
3:10pm-3:25pm	TECHON 2021: 099-069	The Link Between Teachers' English Language Proficiency And Teachers' Competence In ESL Classroom	Yong Hua Ying and Diana Ipan	Yong Hua Ying	General Studies Department, Politeknik Mukah, Sarawak
3:25pm-3:40pm	TECHON 2021: 040-022	Sifat Kebimbangan di Kalangan Atlet Futsal Politeknik Malaysia Semasa Kejohanan Liga IPT	Zamry Ahmad Mokhtar, Mohd Fuad Ibrahim and Rasyidi Abdullah	Mohd Fuad Bin Ibrahim	Politeknik Seberang Perai
3:40pm-3:55pm	TECHON 2021: 035-020	Tahap Pengetahuan Dan Kemahiran Pensyarah Matematik Kejuruteraan Di Politeknik Malaysia Terhadap Pengajaran Dalam Talian	Suhana Ramli, Noorain Ithnin and Nor Ridzuan Hashim	Noorain binti Ithnin	Politeknik Port Dickson
3:55pm-4:10pm	TECHON 2021: 116-078	The Relationship between Leadership Styles and Employees' Performance among academicians at Politeknik Mukah, Sarawak	Nur Anisah Ezuddin and Ahmad Nabil Mohamad	Nur Anisah binti Ezuddin	Jabatan Perdagangan, Politeknik Mukah

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ROOM 5 (EDUCATION)

Msteam Link: shorturl.at/vyAZ0

Session Chair: Dr Rohani M. M Yusoff

Moderator: Ts. Haji Hamdan bin Samdin

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
2:00pm-2:15pm	TECHON 2021: 071-046	English Language Competency in Enhancing Technical and Vocational Education Training (TVET) Graduates Marketability in The Malaysian Workplace: A Literature Review	Mohamad Sobri Suhaili, Maslawati Mohamad and Hanis Wardah Parjan	Mohamad Sobri Suhaili	Politeknik Mukah
2:15pm-2:30pm	TECHON 2021: 091-063	Speech Pro Apps: An Innovative Approach In Enhancing Tertiary Students' Presentation	Yong Hua Ying, Katherine Livan Kehing, Mohamad Sobri Suhaili and Melor Md Yunus	Katherine Livan Kehing	General Studies Department, Politeknik Mukah, Sarawak
2:30pm-2:45pm	TECHON 2021: 104-102	Kepentingan Pendidikan PraPerkahwinan Bagi Pasangan Yang Ingin Berkahwin	Nur Khamsiah Adan	Nur Khamsiah Adan	Politeknik Port Dickson
2:45pm-3:00pm	TECHON 2021: 042-038	Identifying the Correlation between the Students Achievement in SPM Mathematics and Semester 1 and 2 Overall Performance for the Electrical Department of Politeknik Kota Bharu	Chung Boon Chuan, Melissa Khor Suan Chin and Udom A/L Ewon	Chung Boon Chuan	Politeknik Kota Bharu
3:00pm-3:10pm	10 minutes break				
3:10pm-3:25pm	TECHON 2021: 089-059	Kesan Persekitaran Organisasi Terhadap Kepuasan Latihan Pembelajaran Berasaskan Kerja Pelajar Politeknik Kota Kinabalu	Naisah Ujin, Nina Shenna Kosumin and Noor Intan Tahir	Naisah Ujin	Politeknik Kota Kinabalu
3:25pm-3:40pm	TECHON 2021: 102-072	Peranan Teknologi Dalam Isu Dan Cabaran Pendidikan TVET Di Malaysia	Mas Nordiana Haji Rusli, Ahmad Nabil Mohamad, Izan Fahmee Nordin and Mohd Aly Rajaie Halim	Ahmad Nabil Bin Mohamad	Politeknik Mukah

3:40pm-3:55pm	TECHON 2021: 113-077	Analysing the Validity of Lower Secondary School Students' Personality towards Design and Technology	Yusrin Shharudin, Irdyanti Mat Nashir and Mohammad Firdaus Ahmad	Mohd Yusrin Bin Shharudin	Engineering Technology Department, Faculty of Technical and Vocational Education, Universiti Pendidikan Sultan Idris
3:55pm-4:10pm	TECHON 2021: 031-026	Tahap Kesiediaan Pelajar Melaksanakan Amali Sains Kejuruteraan Berpandukan Video Di Politeknik Port Dickson	Noorain Ithnin, Suhana Ramli and Syafarizan Nasroddin	Suhana binti Ramli	Politeknik Port Dickson

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Tuesday, September 14, 2021 (2.00PM - 4.10PM, Malaysian time. UTC +08:00)

ROOM 6 (OTHER MULTIDISCIPLINE)

Msteam Link: shorturl.at/rCHIU

Session Chair: Professor Ts. Dr Chong Khim Phin

Moderator: Fairrose Binti Mohtar

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
2:00pm-2:15pm	TECHON 2021: 039-021	Students' core course performance and learning behaviors through online learning and teaching (PdPdT) in the pandemic of Covid-19	Mohamad Shukri Muda and Norazimah Mejri	Norazimah binti Mejri	Politeknik METrO Betong Sarawak
2:15pm-2:30pm	TECHON 2021: 036-025	Development of Digital Railway in Malaysia - An Approach for Implementation Post COVID-19 Pandemic	Sri Viknesh Permalu, Yuslizar Daud and Karthigesu Nagarajoo	Sri Viknesh Permalu	Department of Transportation Engineering Technology, Faculty of Engineering Technology, Universiti Tun Hussein Onn, Malaysia
2:30pm-2:45pm	TECHON 2021: 083-081	Work From Home (WFH) During Pandemic of Covid-19: Occupational Health Risks, Strategies and Control Measures	Syarifah Hannan Sayed Abd Rahman	Syarifah Hannan binti Sayed Abd Rahman	Politeknik Ibrahim Sultan
2:45pm-3:00pm	TECHON 2021: 024-010	Entrepreneurial Intention: Establishment of Startup company in Pontianak	Zulfikar, Arianto, and Lestari Pramudita, Melati	Zulfikar	Politeknik Negeri Pontianak
3:00pm-3:10pm	10 minutes break				
3:10pm-3:25pm	TECHON 2021: 079-051	Penerimaan aplikasi Cakeculator dalam kalangan penduduk Mukah	Muhammad Ashraf, Goh Si Ying, Nurul Fathun Nisa and Shatila Shani	Mohamad Ashraf Bin Zaaba	Politeknik Mukah
3:25pm-3:40pm	TECHON 2021: 096-065	Persepsi Peserta Program Latihan UAV Dron di Politeknik Seberang Perai Terhadap Elemen 'Program Latihan' dan 'Motivasi Latihan'	Sharipah Khadijah S. Hashim, Hasnieza Mokhtar and Hasmiza Taib	Sharipah Khadijah binti S.Hashim	Politeknik Seberang Perai
3:40pm-3:55pm	TECHON 2021: 140-121	Tahap Keberkesanan Aplikasi Mudah Alih M-SAF (M-Simplifying Algebraic Fractions) dalam pembelajaran Matematik	Rasyidah Abd Rahman, Nor Syahidal Arshaini Shamsudin and Nurul Amalina Ibrahim	Rasyidah binti Abd Rahman	Politeknik Mukah
3:55pm-4:10pm	TECHON 2021: 101-070	Review on Smart Agriculture: Internet of Things (IoT) Application Layer Protocols	Amir Haziq Loh Bojeng, Nurhazura	Rozaida Binti Halil	Politeknik Mukah

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
			Hassan and Rozaida Halil		

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Wednesday, September 15, 2021 (9.00am - 11.25am, Malaysian time. UTC +08:00)

ROOM 1 (ENGINEERING)

Msteam Link: shorturl.at/mnGQY

Session Chair: Dr Hoh Wei Siang

Moderator: Ts. Lim Che Chien

Time	Paper ID	Paper Title		Presenter	Affiliation
9:00am-9:15am	TECHON 2021: 066-101	Development of Bluetooth Control Car Jack	Kamarul Ariff Abu Mansor, Mohd Khairul Nizam Abdul Talib and Dennis Mark A/L Jough Politeknik Mersing	Kamarul Ariff Bin Abu Mansor	Department of Electrical Engineering, Politeknik Mersing
9:15am-9:30am	TECHON 2021: 064-044	Development of Smart Keyless using Android for Car Safety System	Mohd Ariff Ramli, Norfadhilah Hasan and Masriani Mansor	Mohd Ariff bin Ramli	Politeknik Sultan Mizan Zainal Abidin
9:30am-9:45am	TECHON 2021: 120-090	Characterisation of flexural properties of glass fibre / pineapple leaf fibre (PALF) hybrid composite	Mawarnie binti Ismail, Marlina binti Mohamad, Leanna binti Mohd Yunos and Mohammad Hazim bin Mohamad Hamdan	Mawarnie binti Ismail	Politeknik Mukah
9:45am-10:00am	TECHON 2021: 028-015	Non-Stationary Vibratory Signatures Bearing Fault Detection Using Alternative Novel Kurtosis-based Statistical Analysis	Nur Adilla Kasim, Mohd Ghafran Mohamed and Mohd Zaki Nuawi	Dr. Nur Adilla Kasim	Politeknik Mukah
10:00am-10:10am	10 minutes break				
10:10am-10:25am	TECHON 2021: 040-027	Experimental on Internal Crude Oil Pipeline Surface Corrosion of Different Acidic Concentrations	Mohd Fuad Ibrahim, Zul Azri Razuan and Ahmad Azlan Ahmad	Mohd Fuad Bin Ibrahim	politeknik seberang perai
10:25am-10:40am	TECHON 2021: 045-031	Merekabentuk Jig Mencanai Mata Alat Bagi Proses Melarik	Muhammad Nur Azuan Kamaruddin, Khairulbadri	Alfan Bin Serail	Politeknik Mukah, Sarawak

			Ahmad and Alfan Serail		
10:40am- 10:55am	TECHON 2021: 053- 054	Characterization of Physical Properties for Diesel-alcohol and Biodiesel-alcohol Blends	Mohd Hafzil Mat Yasin, Mohd Rosdi Salleh and Mohd Hafiz Ali	Mohd Hafzil Mat Yasin	Automotive Technology Center, Politeknik Sultan Mizan Zainal Abidin
10:55am- 11:10am	TECHON 2021: 124- 094	Gamified AR Application as a Learner Model for CNC Milling Machine during COVID 19 Pandemic	Salahuddin Yusoff, Mohanadhas Kanagaraj and Nadia Abdul Rani	Mohanadhas Kanagaraj	Kolej Komuniti Kepala Batas, Pulau Pinang
11:10am- 11:25am	TECHON 2021: 127- 095	Effect of Mesh Size on the Natural Frequencies of Lathe Spindle	Mohd Hazri Omar, Mohamad Nazri Abdul Halim and Mohd Zulkiflee Faizal Saleh	Mohd Hazri Omar	Politeknik Sultan Abdul Halim Muadzam Shah

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Wednesday, September 15, 2021 (9.00am - 11.10am, Malaysian time. UTC +08:00)

ROOM 2 (ENGINEERING)

Msteam Link: shorturl.at/avELO

Session Chair: Associate Professor Dr Sheikh Ahmad Izaddin Sheikh Mohd Ghazali

Moderator: Lorothy Anak Morrison Buah

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
9:00am-9:15am	TECHON 2021: 117-085	Modelling and Simulation of a Direct Ethanol Fuel Cell: Electrochemical Reactions and Mass Transport Consideration	Christopher Janting Liew Chalu	Christopher Janting Liew Chalu	Politeknik Kuching Sarawak
9:15am-9:30am	TECHON 2021: 076-111	The Use of Polystyrene and Xylene Liquid for Strong Wood Surface Glue: A Preliminary Study	Habsah Mohd Sabli, Muhammad Sufyan Safwan Mohamad Basir and Muhammad Amir Faisal Nor Azhar	Ts. Dr Muhammad Sufyan Safwan Mohamad Basir	Politeknik Mukah Sarawak
9:30am-9:45am	TECHON 2021: 043-030	Energy Consumption, Investment, Carbon Dioxide Emission and Economics Growth based on Granger Causality in Time Series Using R: The Case of Indonesia	Samuel Dendy Krisandi, Zulfikar	Samuel Dendy Krisandi	Pontianak State Polytechnic
9:45am-10:00am	TECHON 2021: 003-004	Faktor Penghalang Sistem Perkongsian Basikal di Bandaraya Ipoh	Muhamad Razuhanafi Mat Yazid, Nik Mohd Iznan Tuan Yaakub, Muhamad Nazri Borhan, Sharinatol Akmanida Jamaludin and Nurul Aisyah Abdul Rashid	Nik Mohd Iznan Tuan Yaakub	Politeknik Ungku Omar
10:00am-10:10am	10 minutes break				
10:10am-10:25am	TECHON 2021: 005-005	Penghasilan Komposit Blok Hiasan daripada Bahan Sisa Pepejal Dikitar Semula	Masalinda Mansor, Rosmalati Aman Shah and Roziah Zainal Abidin	Rosmalati Binti Aman Shah	Politeknik Mukah
10:25am-10:40am	TECHON 2021: 041-028	Jejak Karbon Di Bangunan Staff Politeknik Kuching Sarawak	Redzuan Safri Abdul Rahman, Norain Ali, Ayub	Norain Binti Ali	Politeknik Kuching Sarawak

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
			Abdullah and Che Zaidi Che Hassan		
10:40am- 10:55am	TECHON 2021: 136- 109	Kombo Piket	Zainap Haji Lamat, Mohamed Yusup Mohamad Yackub and Alvadjuri Affandie	Zainap Binti Haji Lamat	Politeknik Kuching Sarawak
10:55am- 11:10am	TECHON 2021: 080- 115	Kesedaran Pelajar Jabatan Perdagangan Politeknik Mukah Terhadap Teknologi Hijau	Shatila Shani, Siti Khadijah Sebli Joney and Nur Azlinda Md Saru	Nur Azlinda binti Md Saru	Politeknik Mukah

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Wednesday, September 15, 2021 (9.00am - 11.40am, Malaysian time. UTC +08:00)

ROOM 3 (INFORMATION TECHNOLOGY)

Msteam Link: shorturl.at/gxL45

Session Chair: Associate Professor Dr Johari bin Abdullah

Moderator: Tn Hj Mohd Azlan bin Ab. Aziz

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
9:00am-9:15am	TECHON 2021: 059-083	Factors Affecting Student Participation and Performance in Online Learning	Lydia Desmond Bangga, Gregory Evan Nanson and Ruzaini Abd Razak	Lydia Desmond Bangga	Politeknik METRO Betong Sarawak
9:15am-9:30am	TECHON 2021: 130-098	Kajian Kes Keberkesanan Penggunaan Aplikasi 'Microsoft One Notes' Bagi Kursus DBM20023 Engineering Mathematics 2	Syamimi Muhamad and Muhammad Hafizzullah Zakaria	Syamimi Binti Muhamad	Politeknik Mukah, Sarawak
9:30am-9:45am	TECHON 2021: 111-108	Keberkesanan Penggunaan Aplikasi Mudah Alih EPT Pocket Apps bagi Kursus DJJ6182 Engineering Plant Technology dalam Pengajaran dan Pembelajaran Jarak Jauh	Norazlina Mat Nayan and Kamil Sahidin @ Salehudin	Norazlina binti Mat Nayan	Politeknik Mukah
9:45am-10:00am	TECHON 2021: 129-112	Persepsi Pelajar Terhadap Keberkesanan Penggunaan Aplikasi CABE Sebagai Alat Bahan Bantu Mengajar Dalam Kursus Anggaran Kos & Ukur Kuantiti	Aini Nurasyidah Md Zokhi	Aini Nurasyidah Binti Md Zokhi	Kolej Komuniti Jelebu
10:00am-10:15am	TECHON 2021: 098-068	Lecturers' Reflections on Online Teaching in a Higher Education Institution During CoViD-19: A Case Study Approach	Vikash Jugoo, Murimo Bethel Mutanga and Abdultaofeek Abayomi	Dr Bethel M. Mutanga	Mangosuthu University of Technology, P O Box 12363 Jacobs, Durban 4026, South Africa
10:15am-10:25am	10 minutes break				
10:25am-10:40am	TECHON 2021: 013-007	Development of e-LogBook for Civil Engineering Project Modules	Nurulaini Hafizah Mohd Hafir, Muhammad Amirul Affendy, Nurul Syafinah Nahar, Nursyukurina Ismail and Brandnevel Jalong Henry	Dr Nurulaini Hafizah Mohd Hafir	Politeknik Mukah

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
10:40am-10:55am	TECHON 2021: 054-039	Tinjauan Keberkesanan Penggunaan Inovasi Helaian Amali Dengan Teknologi Realiti Bertambah Berasaskan Web (HATARW) Terhadap Pensyarah Di Kolej Komuniti	Muhamad Azlin Ismail, Norzalina Mohd Yusof and Muhammad Afiq Norazman	Muhamad Azlin Bin Ismail	Kolej Komuniti Bagan Datuk
10:55am-11:10am	TECHON 2021: 112-086	Penilaian dan Penggredan Menggunakan Pendekatan Dalam Talian: Kajian Kes Di Jabatan Teknologi Maklumat dan Komunikasi, Politeknik Mukah	Mariati Masduki, Mohd Faiz Tony and Athirah Musa	Mohd Faiz bin Tony	Politeknik Mukah
11:10am-11:25am	TECHON 2021: 112-087	Automasi Sistem Fail Menggunakan Kaedah e-BDR	Mariati Masduki, Muhammad Thariq Abdul Razak and Muhamad Azizi A. Rahman	Muhamad Azizi bin A.Rahman	Politeknik Mukah
11:25am-11:40am	TECHON 2021: 123-093	Birkhoff's Aesthetic Measure and Common Aesthetic Values in Digital Design	Hafizah Abdullah Ali and Husniza Husni	Hafizah Binti Abdullah @ Ali	Politeknik Tuanku Syed Sirajuddin

TECHNOLOGY AND INNOVATION INTERNATIONAL CONFERENCE (TECHON) 2021

Wednesday, September 15, 2021 (9.00am - 10.55am, Malaysian time. UTC +08:00)

ROOM 4 (SOCIAL SCIENCE)

Msteam Link: shorturl.at/yIO15

Session Chair: Dr Yusman bin Yacob

Moderator: Kartini binti Che Ibrahim

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
9:00am-9:15am	TECHON 2021: 108-076	Pengelasan Persepsi Pekerja di Syarikat Industri Berat: Satu Ulasan berdasarkan Tinjauan	Mohd Azlan Ab Aziz and Hasnah Ngah	Hasnah Binti Ngah	Politeknik Mukah
9:15am-9:30am	TECHON 2021: 023-009	The relationships between Dynamic Incentives towards Microentrepreneurs Firm Performance in Malaysia	Habsah Mohamad Sabli, Mohammad Fardillah Wahi and Sari Lestari Zainal Ridho	Habsah Binti Mohamad Sabli	Politeknik Mukah Sarawak
9:30am-9:45am	TECHON 2021: 075-084	A Preliminary Findings on A Social Support and Perceived Academic Achievement in TVET Institutions in Malaysia During Covid-19 Pandemic	Rosmanizah Derahman, Zamri Yusoff and Ahmad Syaffiq Md Baharudin	Zamri Bin Yusoff	Politeknik Bagan Datuk
9:45am-10:00am	TECHON 2021: 133-103	Indeks Kualiti Laluan Pejalan Kaki Sebagai Alat Penilaian Dalam Perancangan Fasiliti Lestari	Muhammad Shaiful Azmi Abdul Rahman	Muhammad Shaiful Azmi Bin Abdul Rahman	Politeknik Sultan Abdul Halim Muadzam Shah
10:00am-10:10am	10 minutes break				
10:10am-10:25am	TECHON 2021: 083-107	Awareness of Personal Protective Equipment Compliance in Shipyards Industry	Syarifah Hannan Sayed Abd Rahman and Mohd Yusof Md Daud	Syarifah Hannan binti Sayed Abd Rahman	Jabatan Matematik, Sains dan Komputer, Politeknik Ibrahim Sultan
10:25am-10:40am	TECHON 2021: 139-117	Kajian Persepsi Tahap Kebolegunaan dan Kepuasan Penggunaan Aplikasi e-ODE Terhadap Pelajar Di Politeknik Mukah, Sarawak	Anis Abdul Kahar, Nurul Amalina Ibrahim and Nor Syahidal	Nurul Amalina Binti Ibrahim	Politeknik Mukah

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
			Arshaini Shamsudin		
10:40am-10:55am	TECHON 2021: 063-045	Relay Trainer : The Effectiveness of Its Use in Electronic Project Course	Norfadhilah Hasan, Masriani Mansor and Mohd Ariff Ramli	Norfadhilah bt Hasan	Politeknik Sultan Mizan Zainal Abidin

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Wednesday, September 15, 2021 (9.00am - 11.25am, Malaysian time. UTC +08:00)

ROOM 5 (EDUCATION)

Msteam Link: shorturl.at/vyAZ0

Session Chair: Dr Hanifah Jambari

Moderator: Richard bin Simon

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
9:00am-9:15am	TECHON 2021: 114-079	The Impacts of Suggestopedia on Learning English Vocabulary	Priscilla Rebecca Elvis, Helen Abang and Alhaji Malah Galti	Priscilla Rebecca Elvis	Dept. Of General Studies, Politeknik Mukah Sarawak
9:15am-9:30am	TECHON 2021: 110-080	Challenges of Communicative Learning and Teaching (CLT) in Politeknik Mukah	Sara Ruran Fabian and Helen Abang	Helen Anak Abang	Dept. of General Studies, Politeknik Mukah, Sarawak
9:30am-9:45am	TECHON 2021: 137-113	Kajian Penggunaan Alat Bantu Mengajar EASY MBOARD Dalam Pengajaran Dan Pembelajaran	Zainatul Fakhir Zainon	Zainatul Fakhir Binti Zainon	Kolej Komuniti Jelebu
9:45am-10:00am	TECHON 2021: 106-114	Pendidikan Tarannum Al-Quran	Muhd Syahazizamir Sahmat, Dayangku Farah Azeila Awg Mohammat and Shakinah Mustapha	Muhd Syahazizamir Bin Sahmat	Politeknik Mukah Sarawak
10:00am-10:10am	10 minutes break				
10:10am-10:25am	TECHON 2021: 128-118	Kajian Pelaksanaan Penilaian Berterusan Kursus Secara Tugas Berkumpulan Semasa Pandemik COVID-19 di Politeknik METrO Johor Bahru	Nurul Hana Ab Nasir	Nurul Hana binti Ab Nasir	Politeknik METrO Johor Bahru
10:25am-10:40am	TECHON 2021: 121-119	FlashBiz Challenge: Examining the Impact of Gamified Approach in Entrepreneurship Education towards the Entrepreneurial Career Intention	Rozaida Halil, Mohammad Nor Ihsan Md Zin and Mohamad Ruzaini Mohd Roni	Rozaida binti Halil	Politeknik Mukah

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
10:40am-10:55am	TECHON 2021: 109-089	Perisian Geogebra Dalam Pengajaran Dan Pembelajaran Matematik: Satu Kajian Literatur	Amizan Abdullah and Dzatiah Mohamad	Amizan Bin Abdullah	Politeknik Mukah
10:55am-11:10am	TECHON 2021: 070-056	Virtual Reality for Teaching and Learning Industrialised Building System (IBS) among TVET students	Nurshikin Mohamad Shukery, Kherun Nita Ali, Shamsulhadi Bandi, Norhazren Izatie Mohd, Mohd Azwarie Mat Dzhahir and Ahmad Faiz Azizi Ahmad Fauzi	Nurshikin Mohamad Shukery	Universiti Teknologi Malaysia
11:10am-11:25am	TECHON 2021: 115-091	Perlaksanaan Kaedah Pembelajaran Berasaskan Projek Dalam kursus Penghayatan Etika dan Peradaban	Dzatiah Mohamad and Amizan Abdullah	Amizan Bin Abdullah	Politeknik Mukah

TECHNOLOGY AND INNOVATION INTERNATIONAL CONFERENCE (TECHON) 2021**Wednesday, September 15, 2021 (9.00am - 11.10am, Malaysian time. UTC +08:00)****ROOM 6 (OTHER MULTIDISCIPLINE)**Msteam Link: shorturl.at/rCHIU

Session Chair: Associate Professor Dr. Sari Lestari Zainal Ridho

Moderator: Zulaikha binti Abdullah

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
9:00am-9:15am	TECHON 2021: 056-040	Clean Water Crisis at Tourism Attraction of Tanjung Batu, Pemangkat District: A Qualitative Swot Analysis	Hikmah Trisnawati and Nurchalis	Hikmah Trisnawati	Politeknik Negeri Sambas
9:15am-9:30am	TECHON 2021: 020-050	Post Covid-19 Outbreak, Perception and Employability Rate: The Case Study of Alumni of Politeknik METRO Betong Sarawak	Budi Syaripuddin and Clarina Rehat	Budi Bin Syaripuddin	Politeknik Metro Betong Sarawak
9:30am-9:45am	TECHON 2021: 037-116	Community Participation and Barriers in Community Based Tourism: A Case Study in Kampung Penurin, Betong.	Anderian Baling Piang, Ahmad Nazrin Ab Aziz and Muhammad Hanif Hasan	Anderian Baling Anak Piang	Politeknik METRO Betong Sarawak
9:45am-10:00am	TECHON 2021: 026-013	The Optimisation of Processing Condition Towards Kenaf Seed Extract Physicochemical Properties: An Investigation Using Response Surface Methodology	Abdul Fattah Ab Razak, Mohd Zahid Abidin, Mohd Shahril Osman, Mohd Syafiq Abdullah, Mohammad Hafsanjani Salleh and Norhasmillah Abu Hassan	Abdul Fattah Ab Razak	Food Technology Department, School Of Engineering Technology, University College Of Technology Sarawak
10:00am-10:10am	10 minutes break				
10:10am-10:25am	TECHON 2021: 027-019	The Evaluation of the Effectiveness of the Interactive Multimedia Weblog Courseware in the Learning of Hydrology Engineering	Ishak Johari, Syed Abdul Malik Syed Mohamad, Rasyidi Johan, Maizam Alias and Nurhidayah Seetha Abdullah	Dr. Ishak Johari	Universiti Pendidikan Sultan Idris
10:25am-10:40am	TECHON 2021: 038-023	Response Surface Methodology Application in Optimisation of Pineapple Juice Concentration Process by Reverse Osmosis	Mohammad Hafsanjani Salleh, Mohd Zahid Abidin, Mohd Shahril Osman, Ashraf	Mohammad Hafsanjani Bin Salleh	University College of Technology Sarawak (UCTS)

Time	Paper ID	Paper Title	Author	Presenter	Affiliation
			Abdul Razak and Abdul Fattah Abdul Razak		
10:40am-10:55am	TECHON 2021: 118-082	An Integration of Smart Garden with IoT Technology	Muhammad Thariq Abdul Razak, Aaron Lennon and Ernymayan Nyalu	Muhammad Thariq Bin Abdul Razak	Politeknik Mukah Sarawak (PMU)
10:55am-11:10am	TECHON 2021: 126-097	The Readiness of Online Distance Learning During COVID-19 Pandemic Among Students	Laila Musa and Nadzri Che Kamis	Laila Binti Musa	Politeknik Tuanku Syed Sirajuddin