

RCEE 2020 Parallel Session Schedule

Tuesday, 29 September, 2020

Parallel Session 1 (10:45 am - 11:40 am)

Room 1A	Room 1B	Room 1C	Room 1D
Teaching and Learning	Educational Technology, Software and Tools	Outcome-Based Education and Accreditation	STEM Education
<i>Chairperson: Dr Syed Ahmad Helmi Syed Hassan</i>	<i>Chairperson: Dr Norulhuda Ismail</i>	<i>Chairperson: Pn Mitra Mohd Addi</i>	<i>Chairperson: Dr Hairuzila Idrus</i>

Introduction session by Chairperson

Norazah Yusof Saudi Arabia 8 Teamwork Effectiveness in Student's Final Year Project	Nor Farahaida Binti Abdul Rahman Malaysia 4 Automate Offline Employability (AOE) Data Analysis as Analytic Learning Tool for Evaluating Trends in Students' Graduate Employability	Siti Aminah Setu Malaysia 76 Better Together? Enhancing Students Performance in Chemical Kinetics Through Pair-test Assessment	Nurul Nazihah Jamal Malaysia 27 Conceptual Model of Computational Thinking through Educational Robotic
Liew Peng Yen Malaysia 9 The Relationships between Academic Motivation and Academic Performance of First-Year Chemical Engineering Students	Mehak Maqbool Memon Malaysia 7 Student Procrastination Analysis in Virtual Learning Environments	Ivan Henderson Gue Philippines 25 Academic Advising Rules of Engineering Students on Workload, Course Repetition, and Absences	Mazlena Binti Murshed Malaysia 31 Discovery of Multiple Representation Created by Secondary School Students in Real-World Problem Solving
Kew Si Na Malaysia 56 Enhancing Chemical Engineering Students' English Communication Skills through Think-Pair- Share Model	Hang See Pheng Malaysia 10 E-Learning as a Supplementary Tool for Enhanced Students' Satisfaction	Ahmad Salahuddin Mohd Harithuddin Malaysia 69 Introduction of Failure Report as a Reflective Learning Tool for Engineering Students	Aliyu Bako Malaysia 40 Relationships between teaching conceptions and critical thinking of inquiry- based Nigerian physics teachers
Muhammad Abd Hadi Bunyamin Malaysia 16 Graduate success attributes for engineering students: Major learning outcomes and significance of the course	Muhd Nazrul Hisham Zainal Alam Malaysia 14 Computational Tools for Cooperative Learning in Bioreactor Design Course	Zaki Yamani Zakaria Malaysia 71 Constructive Alignment in Problem Based Learning (PBL)	Anis Nadirah Roslan Malaysia 46 Learning Opportunities during Informal Science Learning to Promote Understanding of Fluids Mechanics

Parallel Session 2 (11:50 am - 12:45 pm)

Room 2A Teaching and Learning <i>Chairperson: Dr Thaharah Hilaluddin</i>	Room 2B Educational Technology, Software and Tools <i>Chairperson: Dr Siti Aminah Setu</i>	Room 2C Outcome-Based Education and Accreditation & Education for Sustainable Development <i>Chairperson: Dr Nurul Aini Ahyan</i>	Room 2D STEM Education & University-Industry Collaboration <i>Chairperson: Dr Nur Hazirah Noh @Seth</i>
Introduction session by Chairperson			
<p>Najua Syuhada Ahmad Alhassora Malaysia 30 Anxiety and Examination Stress in Statistics among Postgraduate Students</p>	<p>Febrian Fikar Indonesia 17 Interactive E-Learning Module Development Based on Visual and Global Preferences in Felder-Silverman's Learning Style</p>	<p>Liew Chia Pao Malaysia 78 Best Practices in the Measurement of Outcomes: Promote Culture of Continual Quality Improvement</p>	<p>Erni Yulianti Malaysia 72 Improving Students' Abilities in Scientific Literacy through Guided Inquiry: An Initial Step Towards Science and Engineering Education</p>
<p>Ismahani Binti Ismail Malaysia 43 Implementation of Active Learning in Digital Systems Course</p>	<p>Charles Agbeju Nimibofa Johnson Malaysia 90 Students Cognitive Abilities Enhancement through Computer Software Interface: Engineering Educators' Perception</p>	<p>Rohayanti Hassan Malaysia 79 Implementation of Design Thinking Approach in Artificial Intelligence Course: Learners' Experience</p>	<p>Rosmawati Binti Ismail Malaysia 106 Mathematics Anxiety In Mathematics Problem Solving Among Primary School Students</p>
<p>Suhairi Abdul-Sata Malaysia 52 Learner centred teaching and learning for numerical methods course in Universiti Sains Malaysia: The chemical engineering case study</p>	<p>Mohd Riduan Mohamad Malaysia 104 Students' Perception on 3D Anatomical Model Development Approach in Non-cadaver Learning Environment: A Proposal</p>	<p>Hasna Karimah Indonesia 63 Implementation of Design Thinking in The Part 30 of The Qur'an Augmented Reality Based Learning Application to Improve User Experience and Cognitive Ability</p>	<p>Zulhasni bin Abdul Rahim Malaysia 108 The Introduction of TRIZ in The Malaysian Education Policy of Learning Curriculum Syllabus in Design and Technology Subject</p>
<p>Berry Yuliandra Indonesia 36 The Effectiveness of Knowledge Sharing in Improving Student's Technopreneur Capabilities and Individual Innovation Behavior</p>	<p>Muhammad Ismail bin Mat Isham Malaysia 54 A Conceptual Design for Welding Training Simulation using Virtual Reality with Multiple Marker Tracking Method</p>	<p>Olivier Lefebvre Singapore 86 A case study in lifelong learning – a new engineering module for Graduate Certificate students that addresses the specific traits of adult learners</p>	<p>Muhammad Abdullahi Malaysia 39 The Influence Of Supervisors In The Implementation Of Industrial Attachment Program In Tvet Institutions In Nigeria</p>

Wednesday, 30 September, 2020

Parallel Session 3 (2:00 pm - 3:00 pm)

<p>Room 3A Teaching and Learning <i>Chairperson: Dr Mohd Shafie Bakar</i></p>	<p>Room 3B Educational Technology, Software and Tools <i>Chairperson: Dr Zaki Yamani Zakaria</i></p>	<p>Room 3C Experiential Learning & Women in Engineering <i>Chairperson: Ir Dr Noor Azlina Mohd Salleh</i></p>	<p>Room 3D Teaching and Learning <i>Chairperson: Dr Suhairi Sata</i></p>
<p>Introduction session by Chairperson</p>			
<p>Zaharah Johari Malaysia 11 Exploring Student Perception on The Implementation of Collaborative Learning in Electronic Circuit and System Course</p>	<p>Elvan Rizky Novandi Indonesia 59 Development and Evaluation of m-Learning Application Based on Felder-Silverman's Learning Style</p>	<p>Nina Diana Nawi Malaysia 58 Service Learning Implementation: Empowering Engineering Student via 'Drone Tech for EDU-4IR'</p>	<p>Hazinah Kutty Mammi Malaysia 88 The Implementation of Competition to Promote Team working and Thinking Skills in Computer Network Course</p>
<p>Nurzal Effiyana Ghazali Malaysia 62 Exploring Metacognitive Skills among Engineering Students through global Project-Based Learning (gPBL)</p>	<p>Dayang Norhayati Abang Jawawi Malaysia 19 Collaborative Assignment and Project for Teaching Embedded and Real-Time Software Engineering Course</p>	<p>Siti Habibah Shafiai Malaysia 98 A service-based learning approach in ocean and coastal engineering, urban water system design and hydraulics courses</p>	<p>Gimba Dogara Nigeria 100 Implementation of Cooperative-Based Learning to Enhance Soft Skills among Students of Technical and Vocational Institutions</p>
<p>Luthfi Ferdian Indonesia 65 Development and Usability Evaluation of a Quran Learning Application using Asbabun Nuzul Presentation Technique</p>	<p>Titi Sari Nurul Rachmawati Indonesia 92 Exploring the Integration of BIM to Civil Engineering Undergraduate Curriculum in Indonesian Universities</p>	<p>Yuzainee Binti Md Yusoff Malaysia 102 Perceptions of students in food and process engineering program on industrial training</p>	<p>Anjeng Hanifah Indonesia 83 Service Quality in Higher Education using HedPERF Model: A Case in Civil Engineering, Diponegoro University, Semarang Indonesia</p>
<p>Jehana Ermy Jamaluddin Malaysia 70 Designing Lessons for Differentiated Learning Using Moodle LMS</p>	<p>Azizul Azri Mustaffa Malaysia 110 Implementation of Cooperative-Based Learning to Enhance Soft Skills among Students of Technical and Vocational Institutions</p>	<p>Diana Rose Rivera Philippines 26 Women's decision in choosing Mechanical Engineering: A multi-criteria decision analysis using analytical hierarchy process</p>	<p>Rama Zafran Hanif Indonesia 84 Students Prespective in Service Quality for Improvement in Higher Education: A Case in Industrial Engineering Department, Diponegoro University, Indonesia</p>