



# ERU

## SYMPOSIUM 2021 Proceedings

**30<sup>th</sup>** July 2021

University of Moratuwa, Sri Lanka

<https://uom.lk/eru>

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## ERU Symposium- Track 1

**Chair:** Dr. Mahinda Bandara

Zoom

Link: <https://zoom.us/j/94052839644?pwd=TmxXSVJ5L2Nvb2tuSWU4aWFvakFIUT09>

Meeting ID: 940 5283 9644

Passcode: Eru2021T1

Time	ID	Track I
9.00-9.20	3	Gaps and barriers in Disaster warning dissemination to Marginalized Community Riyaz Mohamed Rinaz.
9.20-9.40	4	Standardization of solar panel mounting structure to Sri Lankan conditions A.H.M.Ganindu Hansaka, Satheeskanth Navaratnam and Punithavel Vishnu.
9.40-10.00	7	Decision Tree Application for Model Built-Up Land Fragmentation in Urban Areas Nesha Ranaweera, Amila Jayasinghe and Chethika Abenayake.
10.00-10.20	10	Dyeing of Cotton Fabric with a Natural Dye Extracted from Areca Concinna Peel Subhash Ranathunga, Vindaka Wanigasekara and Vasantha Sudasingha.
10.20-10.40	13	Wood Splitting Machine for Tea and Bakery Industries Kasun Lankapura and Gayanthi Alahapperuma.
10.40-11.00	15	A Shape Conforming Fixturing Solution for Handling Aerospace Components Isuru Dharmathilaka, Sahan Devasurendra, Kasun Chathuranga, Asitha Kulasekera and Nirosh Jayaweera.
11.00-11.20	16	Simulation of Natural fibers/Waste paper composites to use as Kraft papers V.U. Sudasingha, R.K. Madhushani and B.A. Dilhari.
11.20-11.40	17	Second-hand fashion consumption: A systematic literature review. Thamoda Geegamage, Achini Ranaweera and Rangika.U Halwathura.

## ERU Symposium- Track 2

Chair: Dr. JR Gamage

Zoom

Link: <https://zoom.us/j/96590137368?pwd=dTVuZGphQ2s5ZzhsaVQ3YVFSUTZJQT09>

Meeting ID: 965 9013 7368

Passcode: eruT2

ID	Track II
18	Development of a Scaled Vehicle Model for Dynamics Testing Ramith Ransika Hewavithana, Janaka Ranganath Gamage, Uswatta Liyanage Shehara Perera, Nimantha Priyamal Dasanayake, Lasith Ravihara Jayasinghe and Sachintha Kapuge.
19	A Conceptual Model of a National Eco-System for Vegetable Supply Chain in Sri Lanka Ruchira Gunarathne and Yapa Mahinda Bandara.
20	Investigation on the effect of different channel geometries of thermal wheel for energy transfer efficiency A.M.C.K. Polgolla, H.M.D.P. Herath, M.D.A. Wickramasinghe, Dr. Anusha Wijewardane and Dr.R.A.C.P. Ranasinghe.
21	Experimental Study on Load Bearing Capacity of Cement Stabilized Unburnt Clay Bricks Zakie Mohamed and Bandhuka Kuruppu.
24	Classification of Breast cancer tumors using Feature Selection and CNN Anparasy Sivaanpu.
25	Variation of Concrete Properties with Respect to the Variation of Fineness Modulus of River Sand Venuka Kuruwita Arachchi, Muditha Pallewatta and Thanuja Kulathunga.
26	Automating Incident Categorization in a Support Request System Thinal Cooray, Anuradha Ariyaratne and Dilum Perera.
28	Fluoride releasing kinetics in a weathered bearing biotite gneiss Ashan Madusanka, Sandun Sandanayake and Meththika Vithanage Vithanage.



# ERU Symposium 2021

## Proceedings

### Contact

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