


**WCOSSET 2021**

World Congress on Science, Engineering and Technology 2021

March 8 – 13, 2021 | Cisco Webex®


**Fakulti**  
 Kejuruteraan Mekanikal

## INTERNATIONAL CONFERENCE ON AVIATION TECHNOLOGY & MANAGEMENT 2021 (ICATeM 2021)


**Conference date and time:** March 10, 2021 | 2:00 PM

**Link to session room:** <https://bit.ly/2Pyj2kB>
**Technical person-in-charge:** Dr.-Ing. Al-Hassan Salami Tijani

[alhassan@uitm.edu.my](mailto:alhassan@uitm.edu.my)


### PROGRAM

#### Chairpersons:

 Dr. Wan Mazlina Wan Mohamed ([wmazlina@uitm.edu.my](mailto:wmazlina@uitm.edu.my))

 Ts. Dr. Rizal Effendy Mohd. Nasir ([rizal524@uitm.edu.my](mailto:rizal524@uitm.edu.my))

02:00 pm – 02:20 pm	<b>Design of Power Device Sizing and Integration for Solar-Powered Aircraft Application</b> <u>Bashir Danjuma Safyanu</u> , Zamri Omar and Mohd Noor Abdullah <i>Faculty of Mechanical and Manufacturing Engineering,            Universiti Tun Hussein Onn, Batu Pahat, Johor, Malaysia</i>
02:20 pm – 02:40 pm	<b>Anthropometric Measurements of Malaysian Population for Passenger Cabin Design of Transport Aircraft</b> <u>Nadia Hanani Ahmad Habibillah</u> , Fairuz Izzuddin Romli <i>Department of Aerospace Engineering, Faculty of Engineering,            Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia</i>
02:40 pm – 03:00 pm	<b>Performance Evaluation of Low-Thrust Rocket Nozzles of Various Geometries</b> <u>Ahmad Hussein Abdul Hamid</u> , Zuraidah Salleh, Ahmad Tamimi Ahmad Termizi, Mohamad Amirul Muhammad and Mohd Azan Mohammed Sapardi <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA,            40450 Shah Alam, Selangor, Malaysia</i>

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03:00 pm – 03:20 pm	<p><b>Computational Mechanics Analysis in Elevated Shell Platform Structure</b>  <u>Azizah Abdul Nassir</u>, Hooi Min Yee and Syahrul Fithry Senin  <i>Universiti Teknologi MARA, Cawangan Pulau Pinang, 13500 Permatang Pauh, Pulau Pinang, Malaysia</i></p>
03:20 pm – 03:40 pm	<p><b>Vortex Suppression on High Subsonic Turbine Blade via Micro Holes (30 Degree)</b>  <u>Mohd Hafiz Mohd Noh</u>, Ahmad Hussein Abdul Hamid and Koichi Mori  <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia</i></p>
03:40 pm – 04:00 pm	<p><b>Design Selection for New In-Flight Food Delivery and Waste Collection System of Commercial Passenger Transport Aircraft using TOPSIS</b>  <u>Farah Diana Ishak</u>, Fairuz Izzuddin Romli  <i>Department of Aerospace Engineering, Faculty of Engineering, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia</i></p>

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