



CALL FOR PAPERS

11th AUN/SEED-Net Regional Conference on Mechanical and Manufacturing Engineering (RC MEManuE 2020)

Date: January 14-15, 2021
 Venue: SDEWES Virtual Conference System

Organized by: Mechanical Engineering Department, De La Salle University, Manila, Philippines
 Co-organized by: Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Bandung, Indonesia

The COVID-19 pandemic has put the global community into home quarantine to minimize and avoid the risk of contagion. To adapt to the new normal, systems and operations should be flexible to the setup where most of the activities are conducted on the cyber space. Manual operations of industries may shift to automation that will require smart technologies. Physical product and service delivery could be migrated to online systems. The change to the new normal will also require adjustments in energy production to address the increase in demand. This evolving reality challenges mechanical and manufacturing engineers to apply smart and cyber technologies in their professions, leading to the theme of this year’s conference.

“Smart and cyber technologies for mechanical and manufacturing systems: Shifting to the new normal”

The conference invites full papers on the following topics:

Track	Track Description
A	Conventional Topics in Mechanical Engineering Thermal and Fluids Engineering Machine Design Heating, Ventilation and Air Conditioning (HVAC) and Green Buildings Power and Industrial Plant Design Energy Efficiency and Energy Management
B	Manufacturing and Mechatronics Engineering Computational Intelligence Techniques UAV Technology Development

Industrial Automation
Precision Engineering and Fabrication

C **Energy Studies**

Renewable Energy Resource Assessment
Bioenergy and Biofuels
Energy Storage
Wind, Solar, Hydro and Other Energy Conversion Technologies

D **Emerging Topics in Engineering Economics and Sustainability Policy**

Sustainability, Environment, and Climate Change Policy
Green Materials and GeoPolymers
Life Cycle Costing and Life-Cycle Assessment
Circular Economy Studies

We are happy to announce that this year's conference offers plenty of opportunities to publish in **SCOPUS-indexed** publications. ALL ACCEPTED FULL PAPERS will be published in the Scopus-indexed *IOP Conference Series: Materials Science and Engineering*, which is also indexed in EI Compendex and Inspec.

IOP Publishing Scopus®



sustainability

ASEAN Engineering Journal

Moreover, papers which have excellent oral presentations will be invited to submit an extended manuscript to the **Special Issue of the journal *Sustainability* (IF=2.592)**, that is indexed by the Science Citation Index Expanded and Social Sciences Citation Index (ISI, Web of Science), as well as Scopus and other databases.

For more information: https://www.mdpi.com/journal/sustainability/special_issues/EnergyDevelop_Sustainability

Finally, full papers with the highest review scores (upon submission) will be invited to submit an extended manuscript to the *ASEAN Engineering Journal*, which is indexed by Scopus and the ASEAN Citation Index.

The conference is now open for full paper submissions through this link: <https://bit.ly/RCMEManuE20>

*Authors are encouraged to limit their full papers to 6 to 8 pages.

The full paper template can be downloaded here: https://bit.ly/RCMEManuE20_template

*Authors must strictly follow the provided format in the template to be included in the Scopus-indexed conference proceedings.

Important Dates:

Full Paper Submission Deadline:	November 30, 2020
Notification of Acceptance and Reviewer Comments:	December 15, 2020
Revised Paper Submission Deadline:	December 30, 2020
Conference Proper:	January 14-15, 2021

Registration Fee: 100 USD for the first paper (+55 USD per additional submission from the same primary/senior author, maximum of 3 papers for this arrangement)



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