



Call for Papers

"ENGINEERING THE FUTURE OF MAURITIUS & THE WORLD"

On the Occasion of World Engineering Day 4th March 2021



Submission Deadlines

Abstract: 15th Dec 2020

Paper Submission: 15th Jan 2021

Launch of Journal: 4th Mar 2021



WORLD ENGINEERING DAY

UNESCO at the request of the World Federation of Engineering Organizations (WFEO) has agreed that 4th March of each year be designated World Engineering Day for Sustainable Development. The purpose of the Day is to provide an annual focal point for community appreciation of the importance of engineering to modern life. Engineering impacts the lives of every citizen on earth – enabling social, cultural and economic activities in every field of human endeavour, including culture and art, education, sustainable development, and in diverse fields such as scientific research, medicine, information technology and communications and energy.

A World Engineering Day for Sustainable Development will be an opportunity:

- ✓ To demonstrate the role of engineers and engineering, to develop solutions to climate change
- ✓ To raise the profile of engineering and technology, and its role in improving the quality of life worldwide and achieving the United Nations SDGs.
- ✓ For dialogue between engineers and decision makers, industry leaders, scientists, non-governmental organizations and the public at large on issues relating to climate change and sustainable development.
- ✓ To enable policies and solutions to address the world's most pressing problems using engineering and improve dialogue between citizens, engineers and policymakers
- ✓ To encourage, more young people, especially girls, to consider engineering as a career

The Institution of Engineers Mauritius (IEM) is organising a series of events to commemorate the World Engineering Day. One of them is a Digital IEM Commemorative Journal 2021 that will be launched on 4th March 2021. We therefore invite engineers from Mauritius and Worldwide to submit their articles which will demonstrate current challenges faced by Citizens of Mauritius and the World and what contributions can be made to enhance the standard of living of citizens in all key basic necessities of life.

After 52 years of Independence, should we not expect better quality of services? Engineers need to ponder and act on how the Engineering professionals can ensure a better World tomorrow. We will reserve a special section for contributions from young engineers and lady Engineers.

ENGINEERING THE FUTURE OF MAURITIUS & THE WORLD

WFE0 -17 Sustainable Development Goals

Papers may be drawn from a range of sectors, but should not be limited to the 17 SDGs defined by the United Nations to transform our world:



The following topics are also welcome for paper submission.

- When do we get water 24/7 and how?
- How do we avoid power cuts through a long-term solid strategy?
Use of alternative energies?
- How and when will internet and communications be cheaper, faster and more reliable for common users and businesspeople?
- How do we solve the road traffic problem?
- Do we stick to same old way of teaching engineering or make a paradigm change
- When will our health system be fully digitalised?
- How to end the endless water drainage as well as flooding issues after rains?
- Why can't we grow large scale basic foods/vegetables and stop importing?
- When do we stop queuing for everything?
- What is the role of the engineer in mitigating Changing Climate impacts in Small Island Developing States (SIDS)?
- What is the role of the Engineers to meeting the Sustainable Development Goals (SDGs) ?
- What is the Engineer doing to achieve Zero Carbon Dioxide emission?
Attributes of the future engineer?

IEM Commemorative Journal 2021

For more details on Paper & Presentation Guidelines, visit www.iemauritius.com



Member of



WFEO : World Federation of Engineering Organisations



CEC : Commonwealth Engineers Council



FAEO : Federation of African Engineering Organisations



SAFE: South African Federation of Engineering Organisation

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