

## Mauritius Section

**Neecharl Ramprosand**

**List the activities carried out to foster relations with Industry and the results obtained. List the initiatives planned during the next 6 months and their expected outcomes. How can the Region help your Section in your industry-related activities?**

- 1) Co-sponsored a "mobile app challenge" event organised by a university which also counted various private sector sponsors. This was an awareness campaign for key software companies to know our presence.
- 2) During Covid19 national lockdown, our section & Student branch collaborated with the National Computer Board (NCB) which falls under the Ministry of ICT in order to print 3D components of our opensource Ventilator project.
- 3) Section collaborated with Mauritius Research & Innovation Council (MRIC) and Middlesex University over a disinfection project.
- 4) Due to Covid19, our plans to start meeting with Industry leaders have been pushed to Q1 2021

**List the activities addressed to Students and/or Young Professionals and the results obtained. List the initiatives planned during the next 6 months and their expected outcomes. How can the Region help in your students and YP-related activities?**

- 1) SYP Affinity group has just been formed in September 2020. Due to Covid19, our plans for meeting and setup activities shall be done as from November 2020.
- 2) Some SYP members attended the 14-days online congress and benefitted from the knowledge disseminated by various online speakers.
- 3) Our students organised a national science fair over 3 days and received over 1000 students. See attached photo.

**List the activities carried out to retain and recruit members and the results obtained. List the initiatives planned during the next 6 months and their expected outcomes. How can the Region help in your membership-related activities?**

- 1) Won IEEE Gold award for best recruitment and retention goal.
- 2) In April-May 2020 during national covid19 lockdown phase, our two student branches and members collaborated with the Ministry of Health to build an opensource ventilator machine. This activity brought together several minds with one purpose: to serve the community. IEEE received a lot of publicity and awareness. See attached photos.
- 3) Within last 3 months we held 3 webinars with two IEEE distinguished lecturers.
- 4) Four IEEE members were elevated to IEEE Senior Member grade. Mauritius now has a total of 8 senior members. A dedicated Senior members page has been created within our section's website: <https://r8.ieee.org/mauritius/senior-members/>
- 5) Created new SYP affinity group and new PES/SC joint chapter over last two months in order to have focus groups working in the interests of those members.
- 6) The first ever "Section Award" has been launched and members can apply for those awards. This will help recognise the efforts of our Mauritian members. Prizes shall be given during the forthcoming AGM.

**List the activities intended to support chapters, affinity groups, and student branches and the results obtained. List the related initiatives planned during the next 6 months and their expected outcomes. How can the Region help in your support to chapters, affinity groups, and student branches?**

- 1) In August 2020, Mauritius experienced a serious marine vessel wreck which caused a huge oil spillage in pristine protected waters of international proportion. IEEE members including myself made a simulation of oil spill forecast using USA NOAA's tools and assistance. This forecast was provided to private sectors along the affected coastline and other parties, and it was used to direct humanitarian efforts in placement of oil booms.
- 2) Planning leadership renewal at our two student branches
- 3) Our new PES/SC joint chapter is currently reviewing its operations manual and awaiting approval from a local university as its official seat;
- 4) IEEE Conference ELECOM2020 will be held online in November 2020.
- 5) Received interest from one more university for creation of a student branch.
- 6) Received interest from a Turkish group for organisation of a conference in Mauritius in year 2021. MOU shall be approved soon.
- 7) Section election has been triggered.

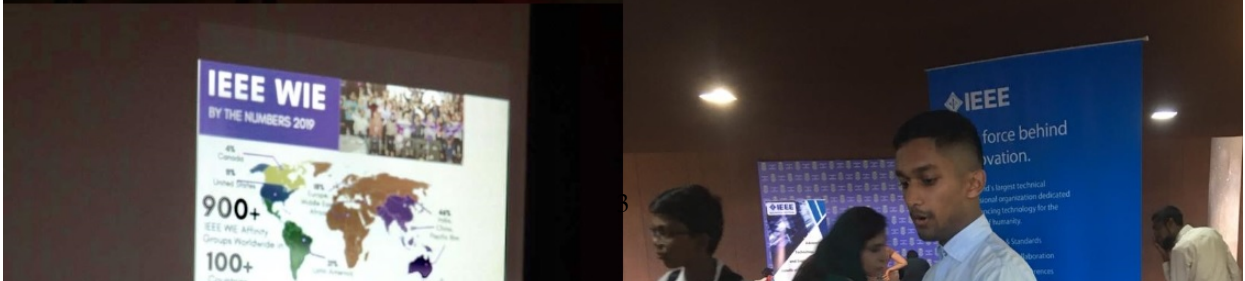
**Challenges (with a focus on what support is required from Region 8)**

Support will be sought as and when the newly created groups SYP & PES/SC are up and running.

<https://www.platformafrica.com/2020/07/17/maurivent-the-first-100-artificial-respirator-manufactured-in-mauritius/>



## Science Fair - 3 days February 2020





SOCIÉTÉ

## MAURIVENT, LE PREMIER RESPIRATEUR ARTIFICIEL 100% FABRIQUÉ À L'ÎLE MAURICE

Rédigé par E. Moris le Mardi 14 Avril 2020



Le prototype a été conçu et fabriqué par des ingénieurs mauriciens, des étudiants de l'Université de Maurice et de l'université de Technologie. Ces derniers ont pu compter sur la collaboration financière de l'Institut d'ingénieurs en électricité et électronique de New Jersey, alors que le National Computer Board s'est chargé de l'impression en 3D des pièces.

MauriVent, est une version low-cost de respirateurs artificiels commercialisés, et sera remis au ministère de la Santé dans le but de le produire. L'objectif est de construire 50 unités en 20 jours.

Dans le cadre de la crise sanitaire du Covid-19, certains patients qui sont les plus sévèrement atteints ont besoin d'être placés sous respirateur artificiel.

### LES PLUS LUS EN 24H

**En 2011, Jahmeel, Ken, Nilen...ont manifesté pour « lutter contre la corruption et les injustices à Maurice »**

30/08/2020 - E. Moris

**Fake news : Les internautes donnent la réplique à Inside news, un média de propagande**

31/08/2020 - E. Moris

**Le gouvernement mauricien facilite l'acquisition des terrains aux étrangers**

31/08/2020 - E. Moris

**La réouverture des frontières à l'île Maurice se déroulera en trois phases**

31/08/2020 - E. Moris

**Allocution de Pravind Jugnauth à la nation ce soir à 19h30**

31/08/2020 - E. Moris

**Hurreeram trouve la foule de Port-Louis insignifiante**

31/08/2020 - E. Moris