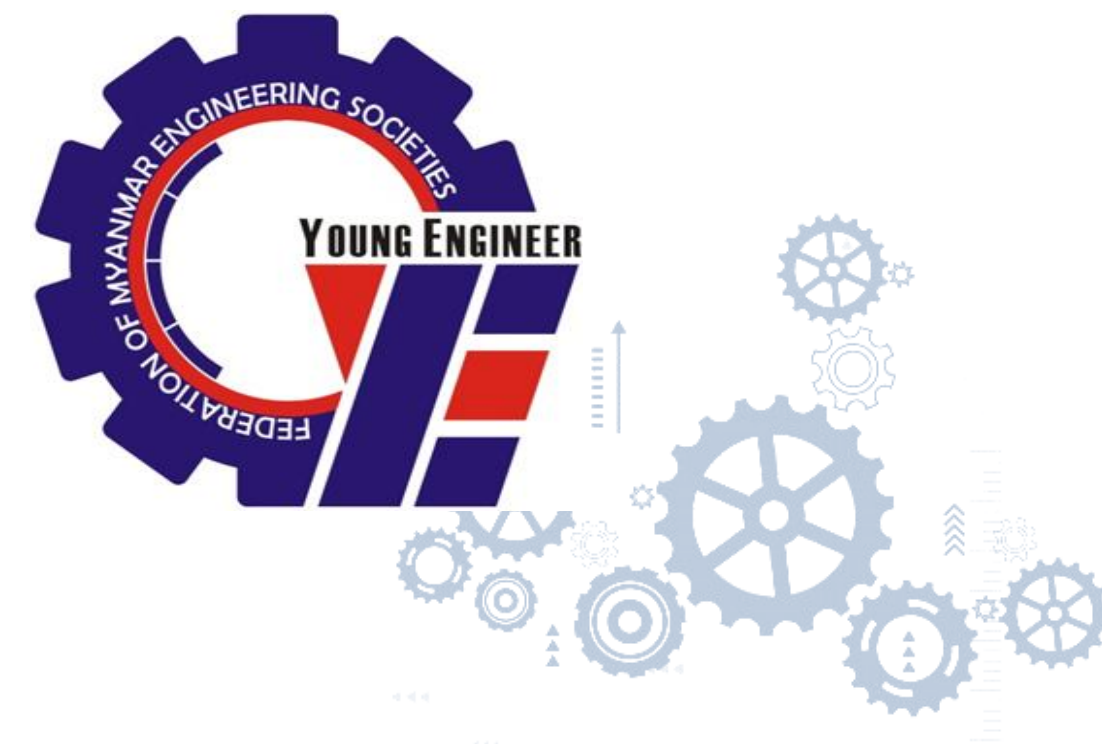


# COUNTRY ACTIVITIES (Myanmar)

2022

Young Engineers Committee  
Federation of Myanmar Engineering Societies





**“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”**



## **Young Engineer Committee**

### **About us**

**The Young Engineer Section of Fed.MES was established with the main objective to provide assistance young engineer's difficulties such as technical issues, educational issues and issue of job opportunities and issues of engineering concerned in regard with public interest.**

### **Vision**

- **To support and create sustainable professional young engineers will be fulfilled with leadership skills, communication skills and technical skills**

### **Mission**

- **To influence young engineers with the good leadership skills**
- **To connect international scholarship programs and meets up international practice in relevant professional fields for young professional engineers.**
- **To create better good opportunities for young professional engineers.**
- **To contribute support with engineering skills to the public society.**



“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



# DEVELOPMENTAL CHALLENGES IN PANDEMIC YEAR-2021

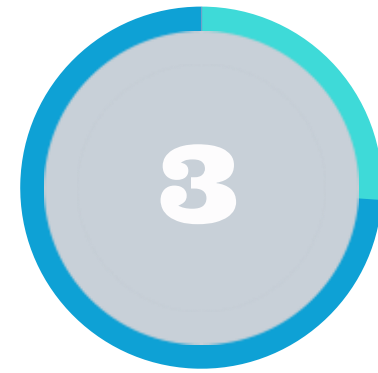


Physical  
Activities

(Eg. Internship  
Program,  
Technical Site Visit  
etc.)



Public &  
Community  
Works



Membership  
Expansion



Work Rate  
Delay



Opportunities  
Breakdown  
(Eg. Travelling,  
Excursion etc.)



Technical  
Difficulties



\* Adapting to  
New Normal  
(Physical to Virtual)

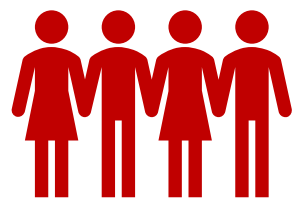
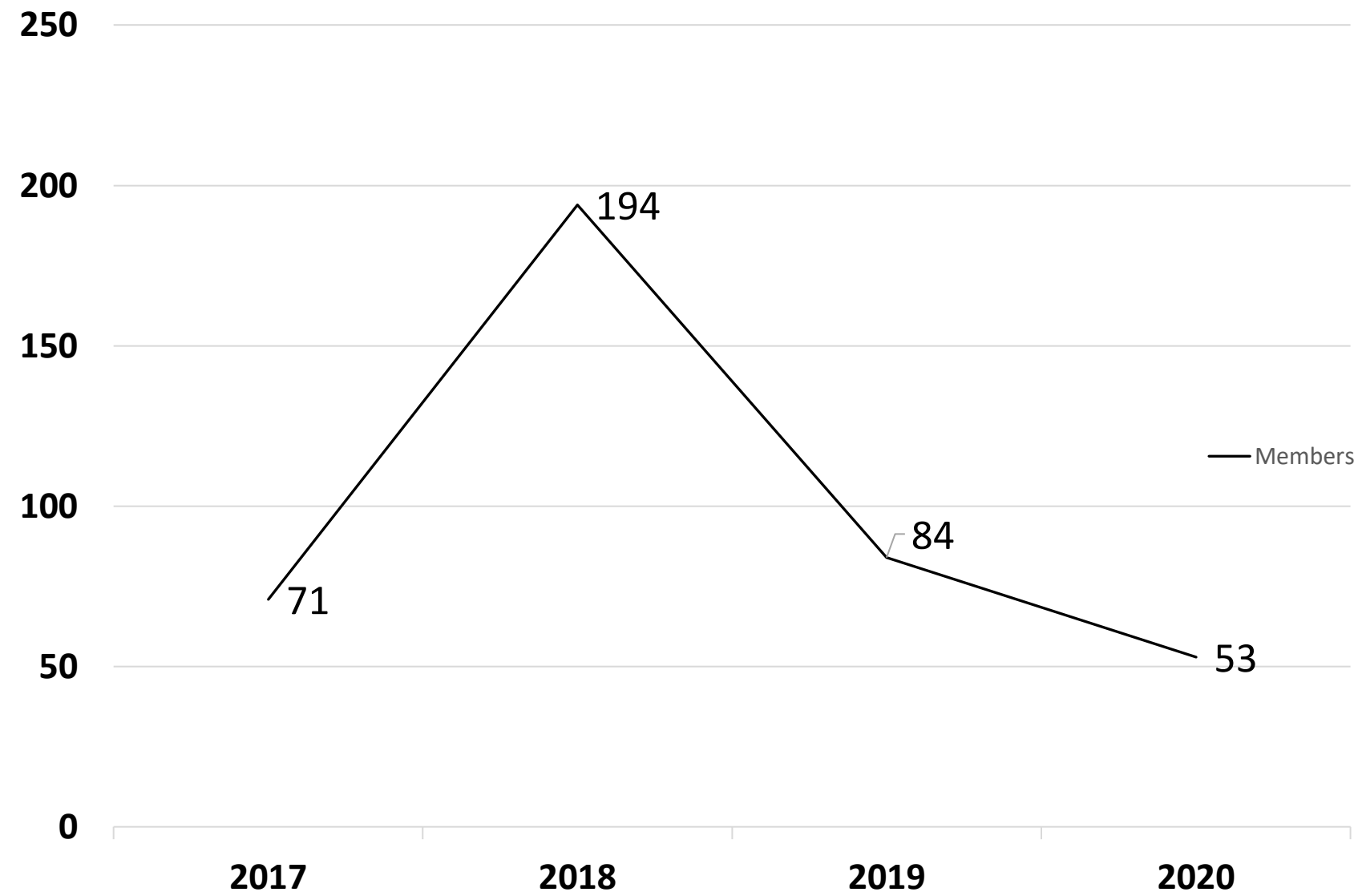




“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



## MEMBERSHIP



❖ Less registration During these years due to Covid – 19 situation.



“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”

Young Engineer Committee Organization Structure 2021-2022



**MR AUNG THET PAING**  
**CHAIRMAN**



**MS WIN MON MON LWIN**  
**VICE-CHAIRMAN**



Mr. Aung Zayar Soe  
Secretary



Ms Phyu Phyu Aung  
Joint - Secretary



Ms Khin Nyein Chan Win  
Joint - Secretary



Mr. Thaw Zin  
Joint - Secretary



Mr. Soe Pyae Aung  
Treasurer



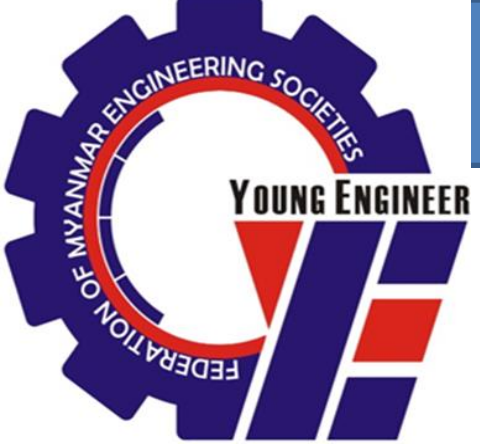
Ms. Chaw Su su Aye  
Honorary Auditor

Yellow Team  
Leader/members

Green Team  
Leader/members

Red Team  
Leader/members

Blue Team  
Leader/members



“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



## **PLANNED ACTIVITIES (PHYSICALLY & VIRTUALLY)**

---

➤ **ACADEMIC ACTIVITIES**

➤ **TECHNICAL ACTIVITIES (SEMINARS & WEBINARS)**

➤ **EXTRA CURRICULAR ACTIVITIES**

➤ **COMMUNITY WORK**

➤ **OUR ACHIEVEMENT**





“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



**PHYSICAL**

**ACCOMPLISHMENT**

**“ 2020 ”**



Jan

March



Jan



March







“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”

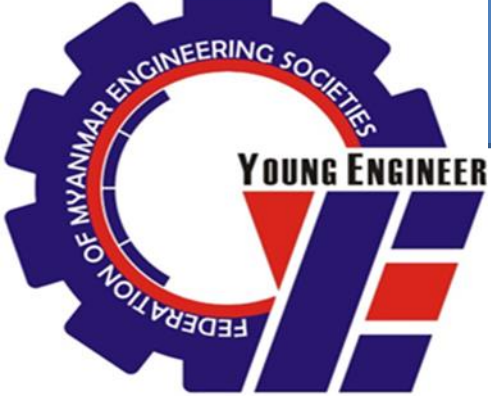


# ACADEMIC ACTIVITIES SCHOLARSHIP EDUCATION

- ❖ ADB-Japan Scholarship ,New Zealand Scholarship, Fulbright scholarship from America, Australia Award Scholarship from Australia, variety of scholarships from Thailand **in the late of 2019**
- ❖ Simple Seismic Evaluation for Existing Building short course training with Japan ERS in **Jan 2020.**







“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



# TECHNICAL SEMINAR & WEBINAR

**TECHNICAL WEBINAR 03**  
KNOWLEDGE SHARING PROGRAM  
October 25, 2020 (1:30 pm - 2:30 pm)

**Organized by:**  

**TOPICS**

- What is 3D printing Technology ?**  
Min Khant Kyaw  
3rd year Mechanical (WYTU)  
Freelance Solidworks  
Designer and 3D printing Service
- Product Design by 3D CAD**  
Pyae Sone Hein  
BE (Mechanical) (TTU)  
Specialize and working in  
computer-aid physical product design  
and prototyping related.

**Free Register Here** 

**Contact Us**  
Federation of Myanmar Engineering Societies  
Young Engineer Committee  
office.yemes@gmail.com  
01-519673 (Ext-185)

## Technical Webinar Series 3 – Oct 2020



## Collaborative Practice for Building Design and Construction Seminar in late of 2019

**TECHNICAL WEBINAR** August 22<sup>nd</sup> 2020  
1:00 pm - 2:30 pm  
Organized by:  

**KNOWLEDGE SHARING PROGRAM**

**Topics**

- 1. Design and Calculation of Mini-Grid Base on PV**  
Basic principal of solar, type of solar cell, battery performs, plant design and case study  
  
Ko Thein Zaw  
BE (Electrical Power)
- 2. Analysis and Design of Steel Portal Frame, and Career Development for Fresh Graduated Civil Engineers**  
Calculation of substructure by E-Tabs software, design of connection, isolated footing, tips to carrier preparation and securing interviews  
  
Ma Shin Shin, BE (Civil)  
Design Coordinator  
BUMMI Myanmar

**Contact:**  
Federation of Myanmar Engineering Societies  
Young Engineer Committee  
office.yemes@gmail.com  
01-519673 (Ext-185)

**Free Register Here!**  
<https://forms.gle/6MjbmhxhGFEHTBsu17>

## Technical Webinar Series 1-Aug 2020

**TECHNICAL WEBINAR 02**  
KNOWLEDGE SHARING PROGRAM  
**FREE REGISTER HERE** 

**TOPICS**

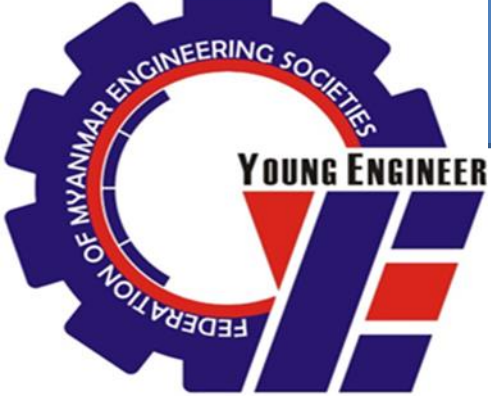
- Non-Structural Hazards**  
  
Cherry Han – (BE Civil)  
Civil & Structural Engineer (MHA)  
RE-Structure (MEC)  
Young Engineer (Fed.MES)  
ASSOCIATE ASEAN ENGINEER, 2012. TTU  
09450052413, cherryhan91@gmail.com
- Introduction to Seismic Design**  
  
Hein Thu Aung  
Final Year Civil Engineering (YTU)

**Contact Us**  
Federation of Myanmar Engineering Societies  
Young Engineer Committee  
Office.yemes@gmail.com  
01-519673 (Ext-185)

**September 26<sup>th</sup>, 2020**  
1:00 pm to 2:30 pm  
**Organized by:**  

## Technical Webinar Series 2 – Sept 2020

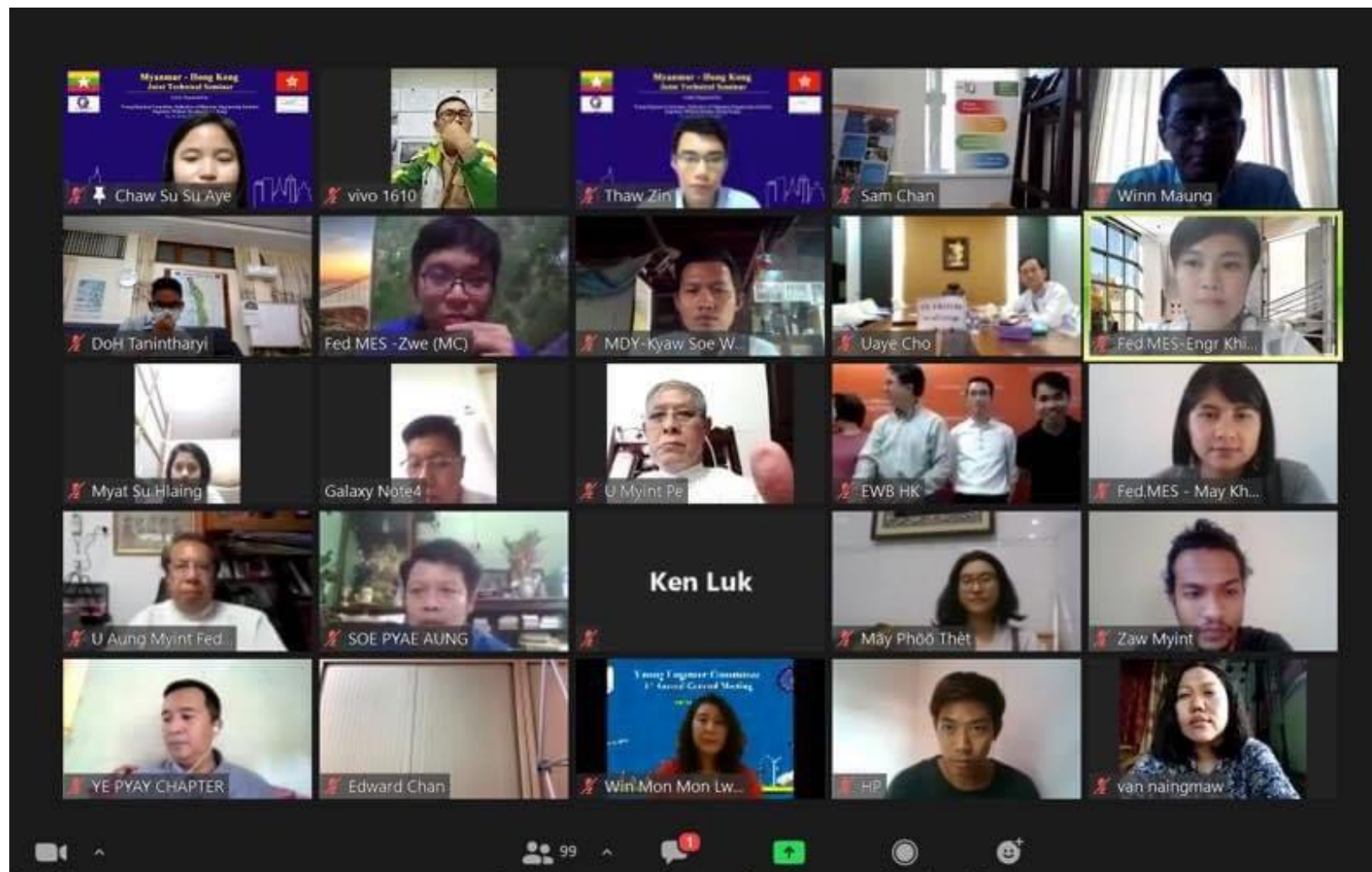




“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”

TECHNICAL

## JOINT WEBINAR WITH EWB-HONG KONG



### Myanmar x Hong Kong Joint Technical Seminar

**Organizers:**

Young Engineer Committee, Federation of Myanmar Engineering Societies  
Engineers Without Borders (Hong Kong)



#### Session 1

### Webinar on BIM for Smart City Development Experience and Roadmap in Hong Kong

**Guest Speaker:**

**Mr. Ron Ng**

Manager, Construction Industry  
Council, Hong Kong (BIM Division)  
<https://www.bim.cic.hk/en>

Mr Ng is an expert in BIM, now serving in the Construction Industry Council and mainly responsible for BIM promotion and Implementation across industries. Mr Ng is Chartered Engineer, professional member of the Hong Kong Institute of Building Information Modelling, member of the Chartered Institute of Building, Institution of Engineering and Technology and member of the Asian Institute of Intelligent Buildings.

**Online via ZOOM**

**Language** : English  
**Fee** : Free

**To Join the webinar**

**Copy the link**

<https://us02web.zoom.us/j/87572542871?pwd=TmMvYmJoSXFHaEsvYzJlZ3M1MFdXZz09>

**or**

Meeting ID: 875 7254 2871  
Passcode: 168294

#### Session 2

### Post Tensioning System for Buildings and Current Market Situation in Myanmar

**Guest Speaker:**

**Ms. Win Mon Mon Lwin**

Managing Director, United Civil Structural  
Designers Co.,Ltd., Yangon, Myanmar

Ms. Win Mon Mon Lwin is a managing director at the United Civil Structural Designers Co.,Ltd. (UCSD). The company services are feasibility study, design management, construction supervision, accredited checking, independent inspection and quantity surveying. She is one of the ASEAN Engineers - 5352 and actively participates as a Joint Treasurer at the Young Engineer Committee, Joint Secretary at the Water Supply and Sanitation Engineering Technical Division of the Federation of Myanmar Engineering Societies.

**10<sup>th</sup> October 2020 (Saturday)**

**1:30pm (Myanmar Time)**

**3:00pm (Hong Kong Time)**

**Supporting Organizations:**  
Construction Industry Council, Hong Kong



**For Registration**



**Contact us**

Federation of Myanmar Engineering Societies  
Young Engineer Committee  
[office.yemes@gmail.com](mailto:office.yemes@gmail.com)  
01-519673-6 (Ext-185)



ENGINEER

WITHOUT

BORDER

HONG

KONG

IN OCT 2020

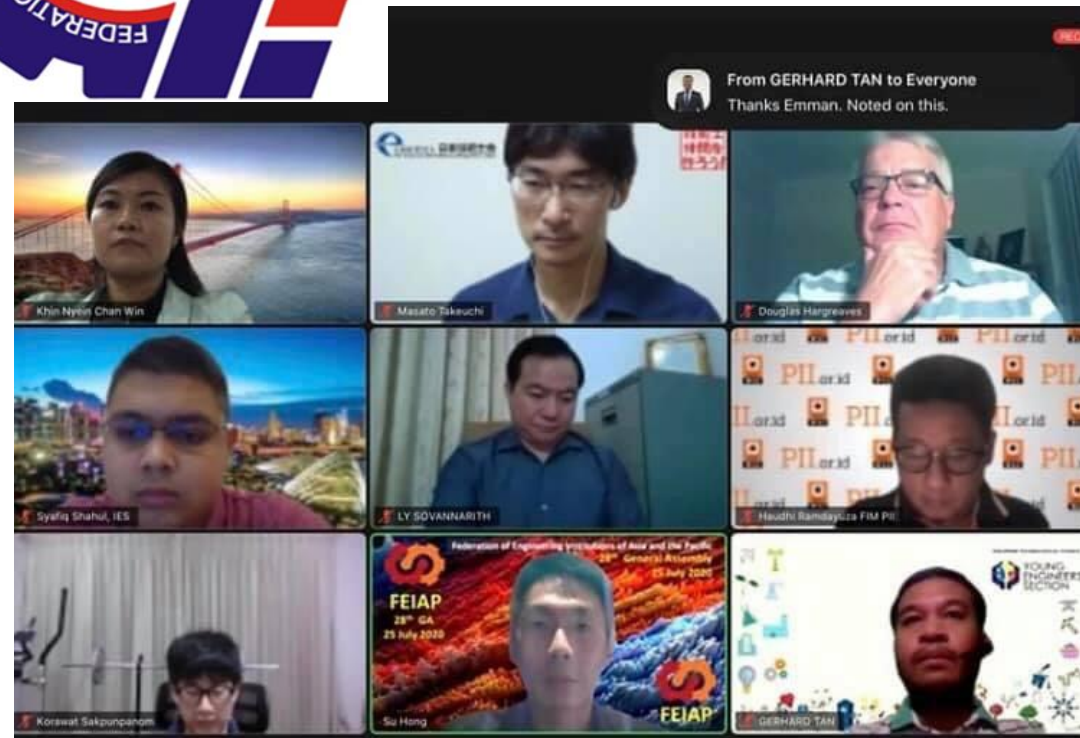
\* We hosted and get interest of over 100 audiences .



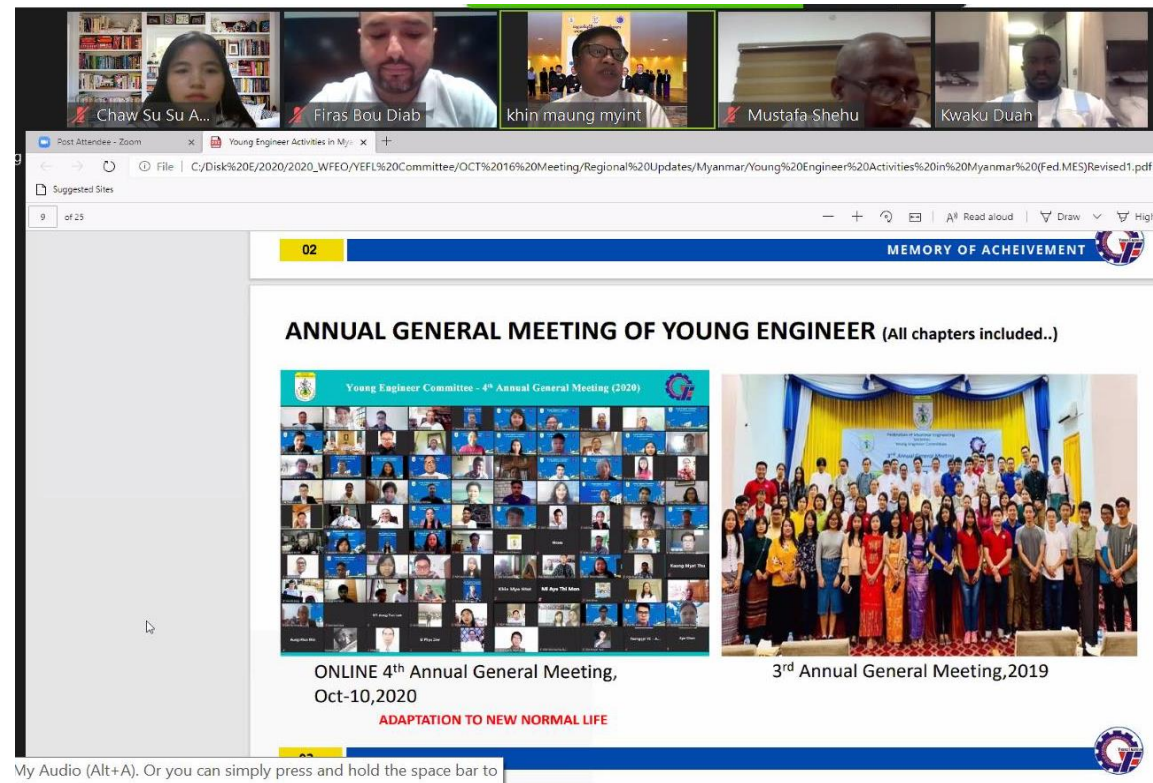


# “ BE PROFESSIONAL AT ACADEMIC AND CAREER ”

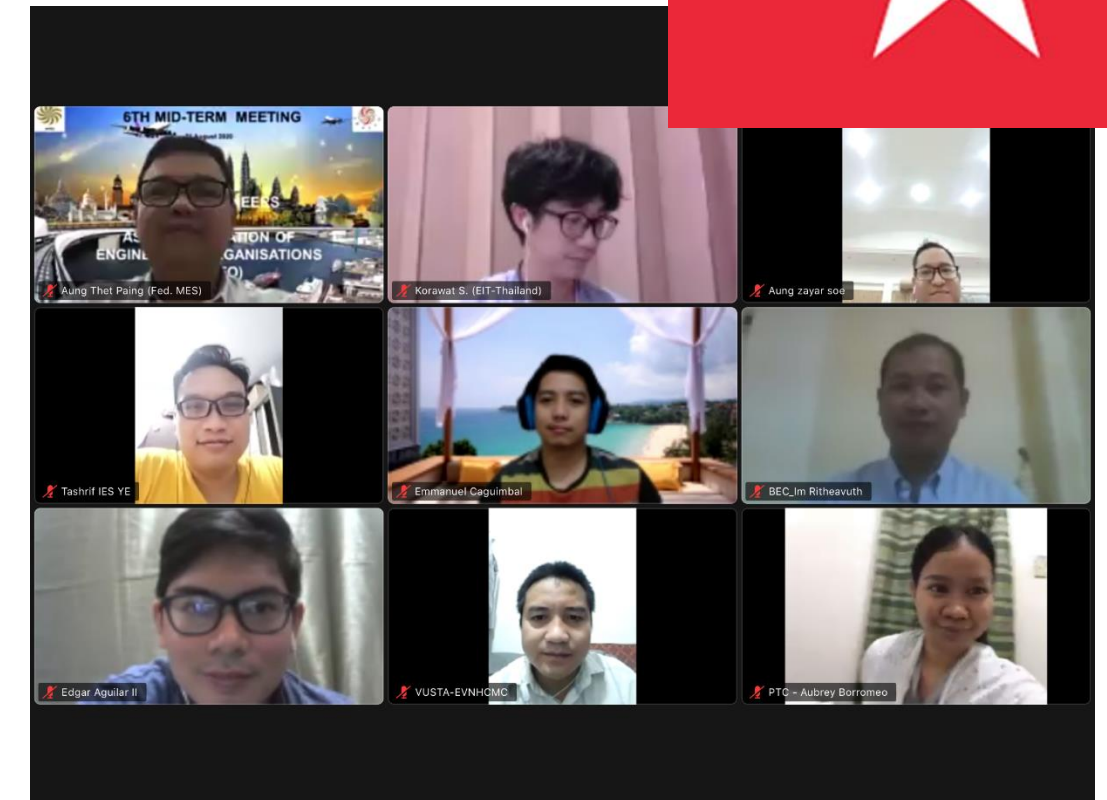
## INTERNATIONAL



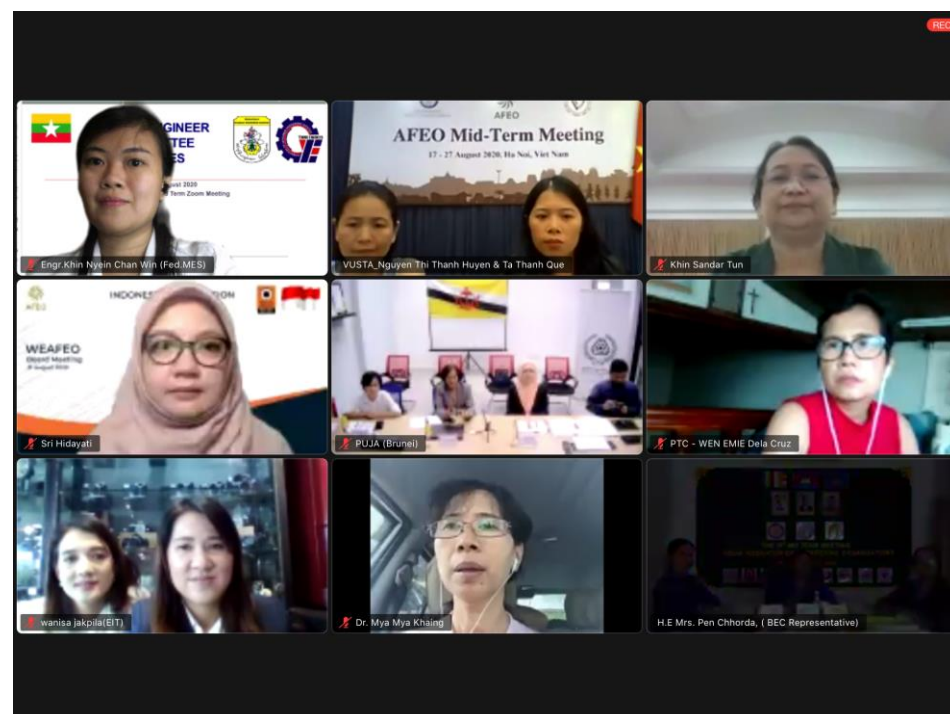
FEIAP (Federation of Engineering Institutions of Asia and Pacific) Youth Talent Development Conferencing in **July 2020**



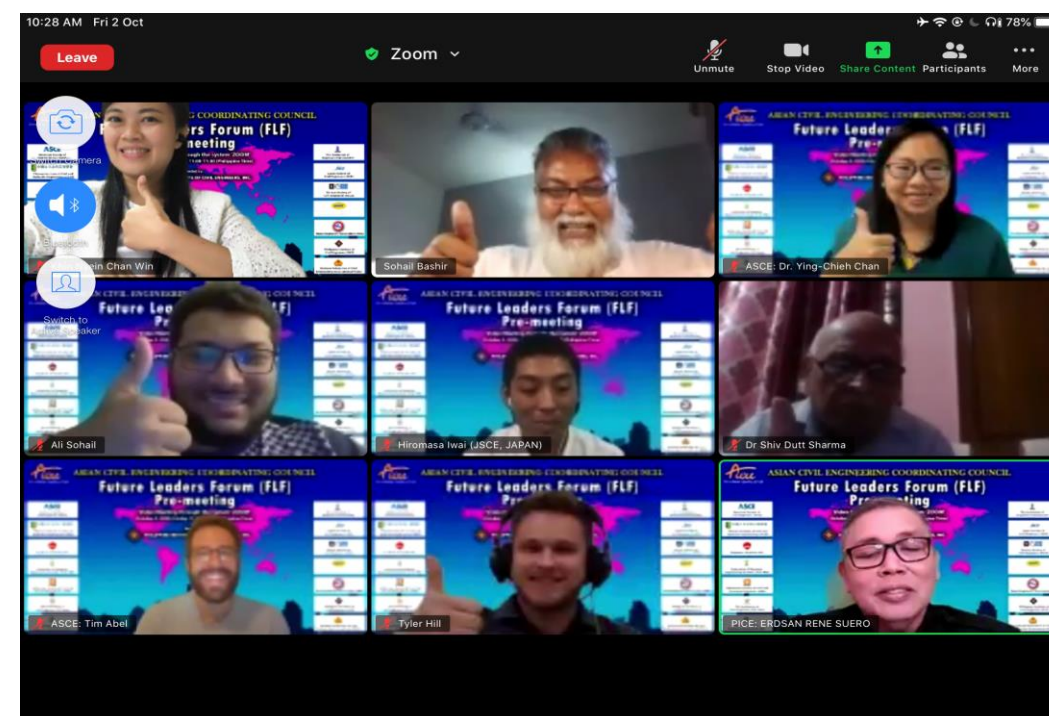
WFEO - Young Engineers / Future Leaders Committee Annual Meeting 2020 in **Oct 2020**



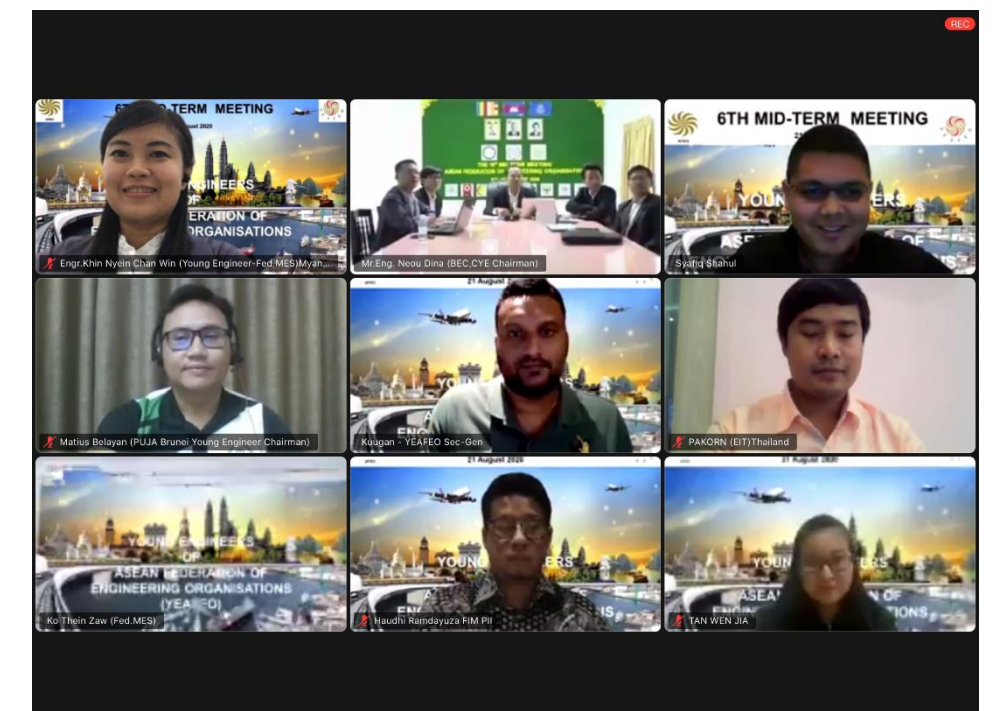
6<sup>th</sup> Mid Term YEFEEO Meeting in **August 2020**



Attending WEFEEO Meeting in **September 2020**



Attending Future Leader Forum for Civil Engineers in **Oct 2020 (FLF)**



6<sup>th</sup> Mid Term YEFEEO Meeting in **August 2020**



## EXTRA-CURRICULAR ACTIVITIES



- ❖ Activities in History Committee to publish History of Fed. MES Book.
- ❖ Collaborate with Transportation Committee for Road Safety Implementation Guidelines.
- ❖ Contribute in some work progress of other committees as well.





“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



## PROCESS & PRODUCTS

SHOW 2020-JAN



- ❖ Process and Products Show at Fed.MES Building Compound
- ❖ Technical Debate Tournament and Technical Project Show that young engineers lead and young engineers participate.
- ❖ Enhancing the students' technical skills, knowledge and ability as well as soft skills, such as public speaking, teamwork skill, etc.





“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



## ANNUAL GENERAL MEETING

### OF YOUNG ENGINEERS IN OCT 2020



- ❖ Young Engineers from 27 chapters all over Myanmar attended in Zoom Meeting and present their activity report in **Oct 2020**.
- ❖ Presentation about chapter Young Engineers' Activities Reports.
- ❖ Brainstorm and Discuss about challenges and strategic future planning for Young Engineers' development.
- ❖ Discussion about all chapters to organize their young engineer committee systematically and invitation to other chapters to participate as speakers of our monthly webinars.



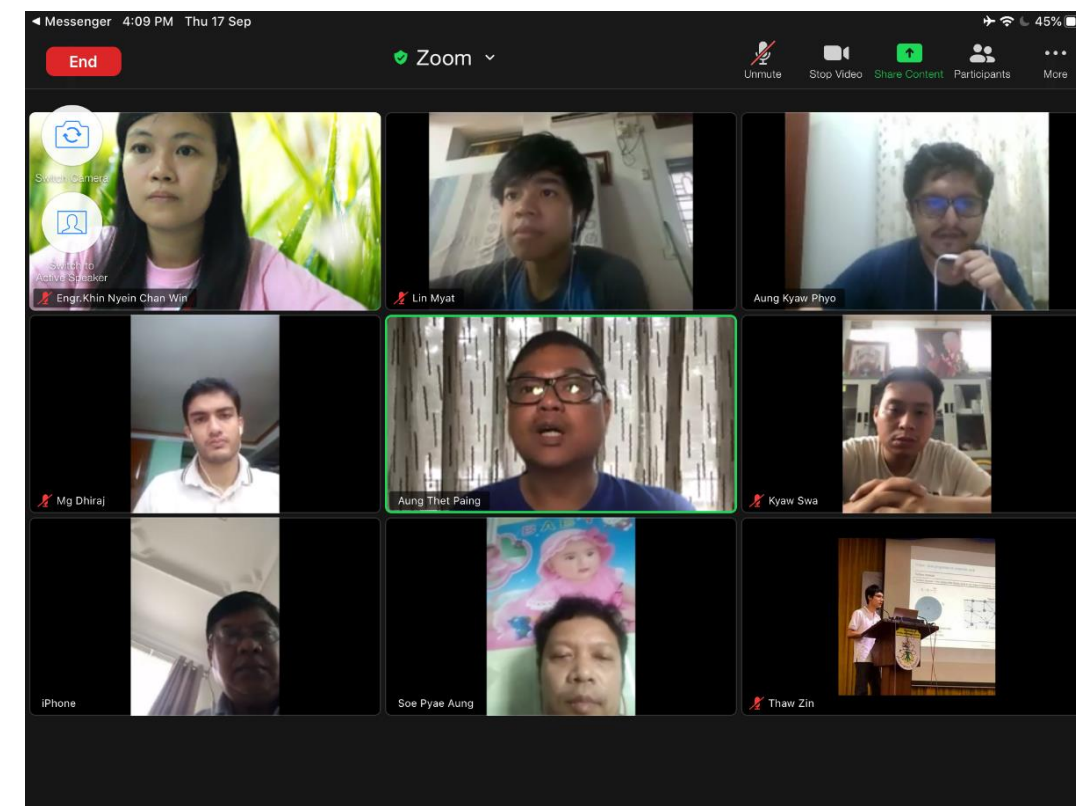
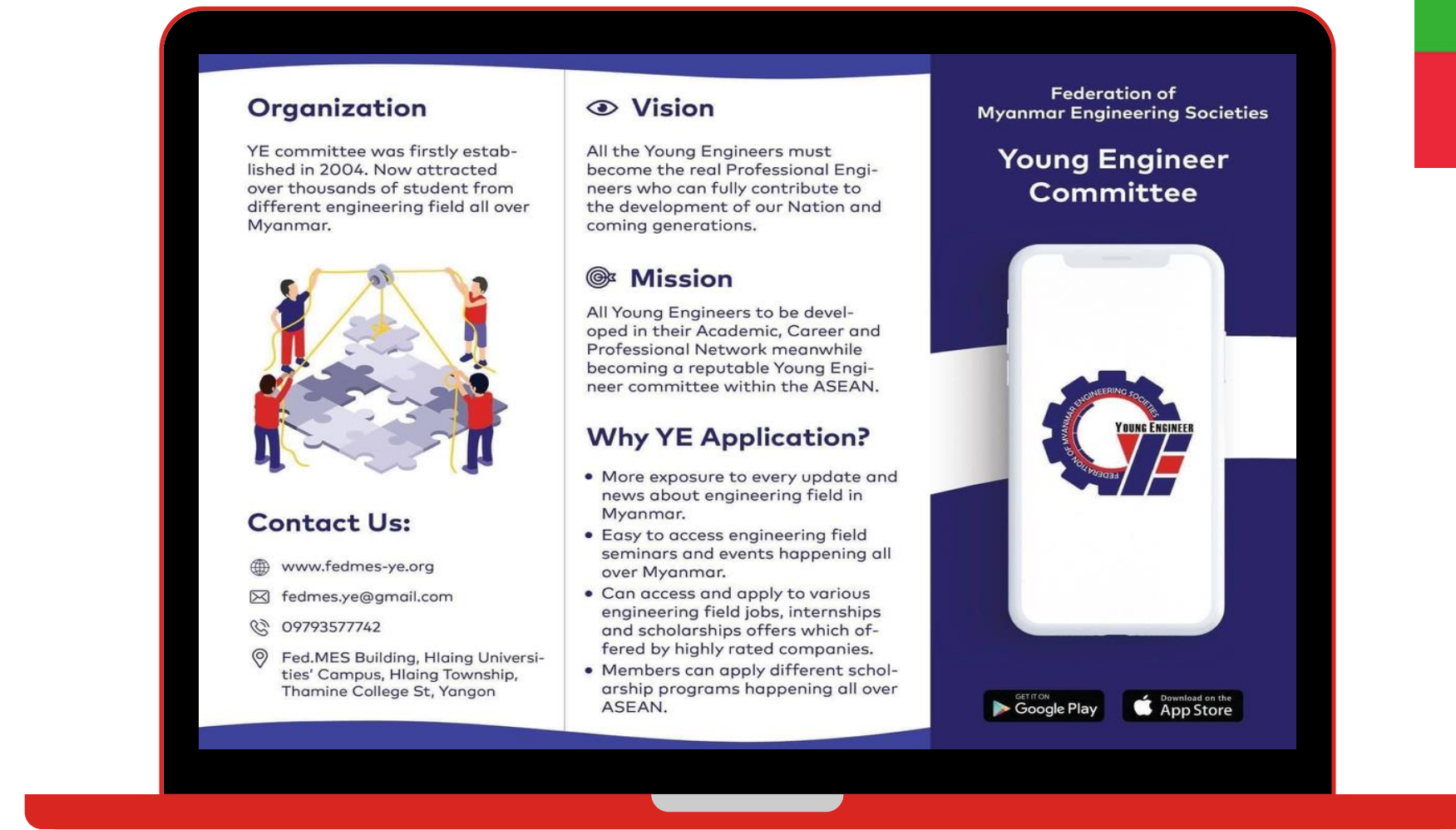


“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



# YE APPLICATION

- ❖ To create job opportunities
- ❖ To improve technical knowledge
- ❖ All in one Application
- ❖ Uploaded previous activities and technical record in app.





“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



# COMMUNITY ACTIVITIES



**Innovated Disinfection Chamber  
& Remote Control Car**

**MRTV Channel's interview on  
Young Engineers Activities and About  
our Young Engineer Committee**

[https://www.youtube.com/watch?v=GT6xKtzOQ5s&feature=share&fbclid=IwAR2KMLNrLIXo075HdJm5Hnx\\_OQaxhbauDtp3Gcj0vGRCeCOzWn\\_HUzRwShc](https://www.youtube.com/watch?v=GT6xKtzOQ5s&feature=share&fbclid=IwAR2KMLNrLIXo075HdJm5Hnx_OQaxhbauDtp3Gcj0vGRCeCOzWn_HUzRwShc)







“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



# WORLD ENGINEERING DAY-MARCH - 06

## ACHIEVEMENTS & ACTIVITIES

### (YOUNG ENGINEER OF THE YEAR 2020 AWARD)



Honorable Member Award at  
AFEO,AAER,AETDEW, Fed.MES  
Annual Dinner and Award Night



**Ms Wai Wai Thaw** was awarded as the  
Young Engineer of the year 2020 **and**  
**Kyine**

**Tone Committee** achieved Best  
Achievement of Young Engineer award for  
SDGs Goal



Young Engineers Contributed  
in Technical Project Presentation





“ BE PROFESSIONAL AT ACADEMIC AND CAREER ”



## YOUNG ENGINEERS OF ASEAN FEDERATION OF ENGINEERING ORGANIZATION ACTIVITIES



- ❖ Attending YEAFO Mid Term Meeting in **August** via Zoom  
*(Mandalay & Keng Tong Chapter also attended)*
- ❖ Submission of YEAFO Newsletter as **chief editor** to YAFEO in Oct end publish  
E-Newsletter which contains the activities from different countries-Nov 2020.
- ❖ Thanks to YEAFO Board and to whom participated in this 2020 Newsletter.
- ❖ Chief Editing Newsletter Team to be proposed regards for YEAFO E Newsletter 2021.

## YEAFO E NEWSLETTER 2020



COUNTRY PROFILE | SEPTEMBER 2020

## YOUNG ENGINEER SECTOR



FEDERATION OF MYANMAR ENGINEERING SOCIETY

### YOUNG ENGINEER COMMITTEE

Fed. MES Building, Hlaing  
Universities Campus,  
Hlaing Township, Thamine  
College St. Yangon,  
(11052), Myanmar.

+95(7519673 - 6) (Ext - 185)

[youngengineercommittee@gmail.com](mailto:youngengineercommittee@gmail.com)



### ABOUT US

The Young Engineer Section of Fed. MES was established with the main objective to provide the assistance on young engineer's difficulties such as technical, educational, employment issues and issues of engineering concerned in regard with public interest.

### VISION

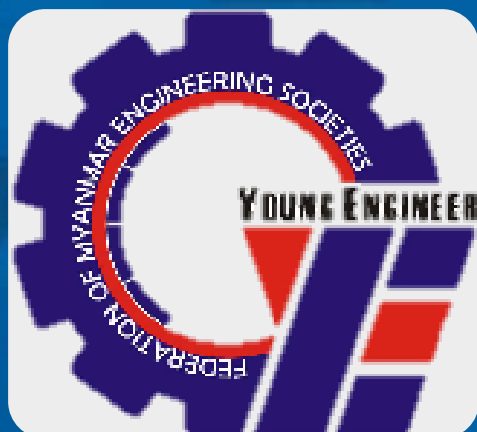
To elevate and produce sustainable professional young engineers, who have already attained in leadership, communication, technical skills and other essentialities.

### MISSION

- To influence young engineers with the good leadership skills
- To connect international scholarship programs and meets up international practice in relevant professional fields for young professional engineers.
- To create better opportunities for young professional engineers
- To contribute the public society with engineering skills







*Be Professionals*

# THANK YOU !



## Address

Fed . MES Building, Hlaing Universities  
Campus, Hlaing Township, Thamine  
College St, Yangon, (11052), Myanmar.



## Contact Number

+95 (17519673 - 6) (Ext - 185)



## Email Address

[youngengineercommittee@gmail.com](mailto:youngengineercommittee@gmail.com)



## Official Facebook Page

Young Engineer Committee –Federation of Myanmar  
Engineering Societies

<https://www.facebook.com/mesyoungengineers/>