



# ANNUAL REPORT

## SUEZ UNIVERSITY

**MOST OUTSTANDING CHAPTER**  
**2019/2020**

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## Most Outstanding Chapter Application

**2019 – 2020**

**Material Advantage Suez University Student Chapter  
MA SU SC**

Submitted to **ASM International**

**Prepared by**

**Hussein Atteya**, President 2019 – 2020  
**Dohaa Yousef**, Secretary 2019 – 2020

**Student Chapter's Advisor**

**Dr. Adel Amer**



## Chapter Overview

**Material Advantage Suez University Student Chapter (MA SU SC)** is a program specifically created for undergraduate and graduate students enrolled in materials science engineering programs at universities worldwide, to combine the individual benefits of four societies into one great advantage for students. MA SU SC is the first chapter in Egypt and The Middle East which was founded on February 18, 2015 in Faculty of Petroleum and Mining Engineering Suez University, representing Material Advantage program among more than 85 student chapters around the world.

**MA SU SC 2019-2020 season** was full of valuable events for chapter's members, department students, college students and even university students. During this season, high board, board, and members were dedicated for doing their best to make MA SU SC stand out on campus and developed new, unprecedented, and creative events. We intended to save our position as most outstanding chapter.

Improvements were made to the structure and the internal workflow to benefit the incoming members and all students.

### vision:

**"By the end of the season, MA will reach the highest peak of Success Mountain "**

### Mission:

- Enrich MA with technical and non-technical skills.
- Making competitions in many fields.
- Implementation of our members' plans.
- Providing Metallurgical students with high technical skills.
- Building strong teams with the ability to be effective, creative, and familiar with each other.
- Accomplishing the self-sufficient and sustainability for all segments.
- Increase Students Leadership level.
- Spread MA digitally through (Website, Facebook page, LinkedIn, Twitter, Instagram, and new android app).

## Objectives:

- Soft skills Development and Practically applying to the theoretical study.
- Qualified leaders can achieve more success.
- High Qualified members.
- Creative members with high self-confidence in themselves.
- Strong Development Program.
- Good local and international reputation.

The chapter is managed by two levels of administration, who work together in harmony to maintain chapter records and plan, execute a wide variety of events, and achieve new records:

**High Board**, consisting of 10 officers (President, Vice President, Project Manager, Treasurer, Secretary, Operations Officer, Marketing Officer, Academic Officer, Development officer and HR Officer).

**Board**, consisting of 6 Vices (Treasurer's vice, Operation Officer's vice, Marketing Officer's Vice, Academic Officer's Vice and HR Officer's Vice).

## Top Records :

- MA SU SC Won **The Most Outstanding Chapter [2018 - 2019]**.
- MA SU SC Won World Chapter of Excellence Award for **three** consecutive years. **[2015 – 2016 & 2016 - 2017 & 2017 – 2018]**
- MA SU SC is ranked as **one of the top 3** student chapters in the faculty competing with other 10 student chapters in the Faculty of Petroleum and Mining Engineering, and **the top one** in Metallurgical and Materials Engineering Department this year.

# HIGH BOARD



HUSSEIN ATTEYA  
PRESIDENT



MAHMOUD KHATTAB  
VICE PRESIDENT



TAREK GALAL  
PROJECT MANAGER



MOHAMED NASSER  
DEVELOPMENT MANAGER



RAGA ASHRAF  
HR MANAGER



MINA FATHY  
TECHNICAL MANAGER



DOHAA YOUSEF  
SECRETARY



MINA MAHER  
MARKETING MANAGER



YASSMIN ABDO  
OPERATION MANAGER



NORA HASSAN  
TREASURER

# BOARD



**AHMED ASHRAF**  
DEVELOPMENT VICE MANAGER



**AHMED SHDEED**  
HR VICE MANAGER



**AKLADIOUS SAMY**  
MARKETING VICE MANAGER



**KARIM MAHMOUD**  
OPERATION VICE MANAGER



**AYA GHARIEB**  
TECHNICAL VICE MANAGER



**ABDELRAHMAN BAALY**  
VICE TREASURER

# Statistics

During Material Advantage Suez University Student Chapter (MA SU SC) season 2019 – 2020, we had a rich plan with busy timeline including social, career development, technical and soft skills events, Expansion and partnerships at multiple Faculties and Universities in Egypt.

We had :

- Membership growth this season only **from 35 members to +120 members**, reaching **+250** active members from our startup till now.
- Publishing **issue 5** of the International Student Magazine - SPECTRUM.
- Facebook page followers reached **+7000**.
- Using **6** social media platforms: **Facebook, Twitter, Instagram, LinkedIn, MA SU SC Website and MASUSC android application**.
- Attendees reached more than **800 person** in our mega events(online **result to Covid -19** and offline ).
- Securing SPECTRUM financial sponsor.
- **4 Mega events**.
- **6 Field trips** for **142 students**.
- **5 Winter Internships** opportunities for **128 students**.
- **16** Main career development events.
- **13** soft skills sessions.
- **13** social events.
- **9** Technical Meetings.
- Reaching out more companies and making more deals.
- New Sponsors for season and our mega events.
- **The Most Outstanding Chapter Award** worldwide for year 2018-2019.



# Highlights

## **[1] Career Development Conference 4 (CDC IV)**

CDC is a student-made conference targeting all students in all universities in Egypt. It mainly focuses on preparing students for practical life, helping them to identify their goals, clarifying the required steps to achieve their goals and the skills they need to work without feeling the gap between academic and real life.

## **[2] Youth Entrepreneurship week**

Entrepreneurship week by GEN Egypt targeting all universities in Egypt in World So MA provided this week for Students at Suez university by the help of GEN Egypt, The week helped students to start their projects, found funds ,made marketing Strategy and analysis.

## **[3] El-Metallurgist-Facebook group**

New Facebook group consists of metallurgy department students, professors and engineers related to metallurgy field, the group helps student to find internship opportunities, easy contact with other companies and engineers.

## **[4] MA3S (MA Soft Skills Sessions)**

New mega event by Development segment for all students at Suez University, the event consisted of multiple sessions which our members demanded to learn.

## **[5] Spectrum issue 5**

SPECTRUM is the first international technical magazine in Egypt and the Middle East, which is specialized in material science and made by students. It contains suitable sections for professional engineers as well as normal students. It has different articles form inside and outside Egypt covering most of our fields.

## **[6] Summit issue 1**

Summit is our non-technical magazine with articles about marketing, English, Freelancing, and interviews with famous people specialized in soft skills Development.

## **[8] MPM 13**

The 13th International Conference on Mining, Petroleum and Metallurgical Engineering. MPM has been a leading international conference for 30 years, as a good chance to exchange ideas, experiences, and views by leading scientists as well as experts in the field of petroleum, natural gas, energy, mining, and its allied areas. We invite all the interested participants in sharing their knowledge, research, and experience in MPM13.

# Programming

In order to achieve our vision which based on innovation, we continue holding out annual events, besides new, unprecedented and creative events in order to give students all the benefits they need, but in different way with new contents and strategies.

## Career Development Conference 4 – CDC VI

The topics were:

- Freelancing.
- Artificial Intelligence.
- Supply Chain.
- Marketing.
- Planning.
- English Learning.
- German Learning.



### Speakers:

**Mrs Maha Soliman, HR at Egypt Food**  
**Alaa Kotb, Digital Marketer and CEO of Dot Collar**  
**Mr Ahmed Nabil, German Trainer.**  
**Dr Mina Ezzat , Entrepreneurship Trainer.**  
**End Asmaa Abu Al-Dahab, Engineer at IBM.**  
**Mr Dagaa El-Din ,CEO of dot clothes.**

### Opportunities:

**40 free online courses about Artificial Intelligence from IBM.**  
**70 Free courses about Marketing from DotCollar.**  
**120 CV Check by Mrs Alaa Kotb.**



80 CV check by Mrs Maha Soliman.

### Our Sponsors:

- DotCollar
- Indomi Egypt
- IBM
- INNGLO
- ElNekhily Electronics



## SPECTRUM 5:

SPECTURM is the first international magazine for materials engineers in Egypt. It is Published annually by MA Suez University Students Chapter since 2016 and is considered the one of biggest projects that the chapter works on. SPECTURM magazine is one of the few printed magazines representing MA student chapters in many countries.

The magazine consists of different sections; Foreword for the Chapter's President and the Magazine's Editor in Chief, New technology in Safety, Corrosion Articles, Inspection Articles, Ceramics and New Technology Applied in Egyptian Steel.



### Our Main Sponsor:

El-Fath steel

### Our partner:

ElMarakby steel, Petrojet, Agiba, Kandil Steel ,Alpha

### Spectrum 5 consists of:

- Interview with **Danielle Cate**, assistant professor at Warcester Polytechnic institute.
- Corrosion Article by Eng\ Ali Morshed
- Articles about Nano Technology, Corrosion, Inspection

- Case studies by Under-graduated students under supervision of Suez University Professors.
- Our Chapter news and new projects.

Spectrum is considered the most important Project every year, it aims to attract sponsors, the best project for our Professors at Material and metallurgy department.

## Summit issue 1:

Summit is our non-technical magazine with articles about marketing, English, Freelancing, and interviews with famous people specialized in soft skills Development. It will be published annually.

The magazine consists of different sections; Foreword for the Chapter's President and the Magazine's Editor in Chief, 3 Interviews, 5 Articles .



## Our Main Sponsor:

**E3mel Busseiness**

## Our partner:

**INNGLO, Dot Collar**

## Summit 1 consists of:

- Interview with **Mrs Maha Soliman.**
- Interview with **Mr Ahmed ElGbally.**
- Interview with **Mrs Alaa Kotb.**
- 5 articles presented from Development Segment about Time management, economics, problem solving, content creation and Communication Skills.

All articles ended by small task.



## MA 3S (MA soft skills sessions):

New mega event, it has been planned to be offline but due to covid 19 it became online.

In this event, more than 120 students attended the programs

The programs are:

- Economics principles, by Mr Hossam Ashraf.
- Communication Skills, by Mrs Doaa elSayed.
- Persuasion skill, by Mr Mohammed Nasser.
- Time management by Mrs Romysaa Ahmed
- Problem solving, by Mr Abdel-Hamid Ali.



All the instructors are Development segment members after they finished the appropriate development program for each topic.

After watching videos, students contacted with the instructors via WhatsApp group to discuss about tasks and evaluation.

## MA Welcome Package:

### T-Shirt:

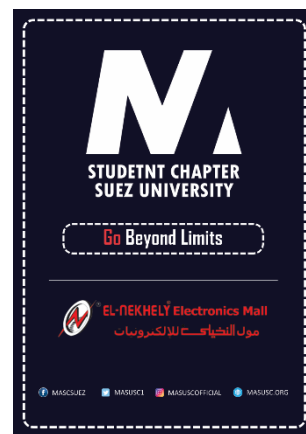
This year, it was also a polo t-shirt, short sleeves and black color with our slogan for the season "Go beyond limits", MA SU SC logo in the front and Material Advantage Name and Most Outstanding Chapter words in the back.

In addition, its cost was reduced to the half as it was sponsored with El-Nekhely Mall and SGA, whose logos was placed in the front and on the left sleeve of t-shirt.



## Notebook:

For second year, we provide all MA members with a notebook of MA SU SC season 2019 – 2020 for free as a kind of preference, encouraging and positioning on MA SU SC in all students' minds.



## MA SU SC 2020 Presidential Elections:

**Date: 27<sup>th</sup> May, 2020**

Due to Covid-19 the election was on our website MA election this year is considered the best organized process among other chapters at Suez University.

**NC Committee was consisting of MA Suez Founders:**

Eng Ahmed Mansour, Eng Ahmed **AbdelAleem President, Vice president 2015/2016.**

Eng Ahmed Elshahd, Eng Ahmed Tantawy, **President, Vice president 2016/2017.**

Eng Hossam Ayman **President 2017/2018**, Eng Mohammed Shahin, **Enactus Egypt Project Manager.**

Eng Hussein Atteya, Eng Mahmoud Khattab **President, Vice 2019/2020.**

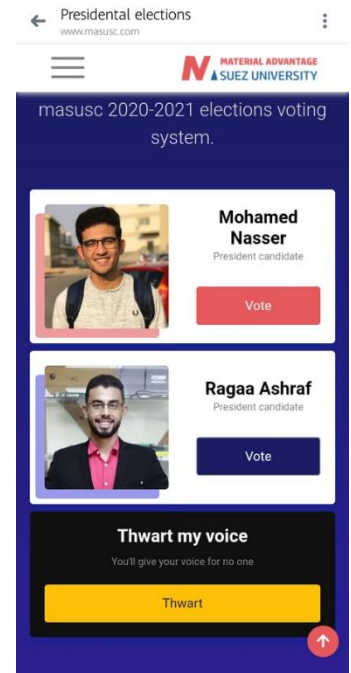
**The 2 Candidates were :**

**MR Raga Ashraf Fouad – HR Manager 2019/2020.**

**MR Mohammed Nasser – Development Manager 2019/2020.**

**Election Steps :**

- 2 Videos about 20 minutes for each candidate about his Plan and discussion between members for more explaining.
- All members have a ticket on MA Suez website the link can be used just for one time.
- The winner was MR Raga Faoud.
- Finally NC Account announced the final result



## Career Development

### [1]Mini Metallurgical Engineer Diploma:

**Place: Tycoon Space**

**Topics:**

1. ASME 2, 9, 5, B31.1 and B31.3.
2. Welding.
3. Corrosion and cathodic protection.
4. Material Selection in Oil and Gas.
5. Metallurgy and the Market.

The Diploma consists of 8 sessions and the total period 48 hours, it was for fresh graduated and 4<sup>th</sup> academic year.

## Instructors:

- **Eng Tarek abdel-Hamid** ,corrosion Engineer.
- **Eng Ahmed Mohamed Sabry**, Founder and CEO of CITA Corrosion.
- **Eng Ashraf Abdul Ghafor**, CEO of Echo Engineering inspection .



## [2]MA Welding Course:

**Place: Tycoon Space**

### Topics:

1. Welding Process.
2. SMAW, GMAW, FCAW, GTAW, SAW
3. Reading: WPS, PQR.
4. Welding Defects.
5. modules 4 of CWI

The Course consists of 4sessions and the total period 14 hours, it was All Students at Materials and Metallurgy Department.





### اعمل الصح [3]

"اعمل الصح" is an online social event targeting the students upcoming to primary and the first year of department. Event was created in the summer vacancy in the beginning of August. It mainly focused on creating an overview of the whole departments in the faculty of petroleum and mining engineering, including each department merits, demerits, availability, salaries, and field requirements.

In addition giving the students chance to ask them to know all details about each field. MA SU SC depended on engineers who already graduated from the faculty and the definite department, so they can talk fairly with students about what to do and share enough info, knowledge, and experience.



**Petroleum Department:** Eng. Amir Shokry – Directional Drilling Engineer.

**Mining Department:** Eng. Eslam Ismail – Senior Mine Planning Engineer.

**Metalurgical Department:** Eng. Ahmed Samir – Production Engineer.

**Geological Department:** Eng. Mahmoud Hassan – geological Engineer.

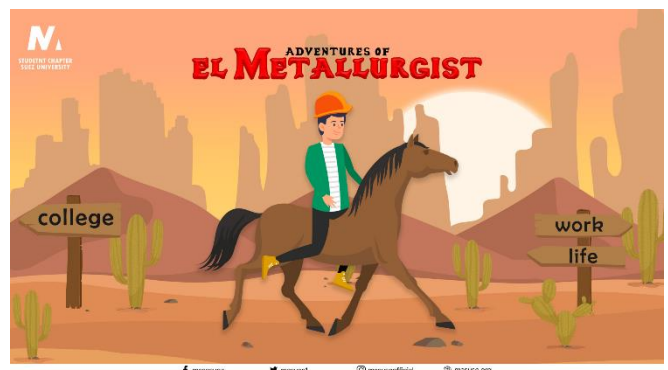
**Refining Department:** Eng. Ahmed Mokhtar – Oil Refinig Engineer.

### [4]Elmetallurgist

New online event talking about the metallurgist career in Egypt and the world, the job opportunities, the required courses to develop your career, enhancing your technical knowledge.

#### Speakers:

- Eng Yasser Mohamed.
- Eng Mohamed El-Hamalawy.
- Eng Mohamed El-Gabry.
- Eng Mohammed Ali Youssef.
- Eng Mohamed Mahmoud El-Shamly.
- Eng Mahmoud Abd El-Monem.



The event duration : 3 weeks ,Our target all students at material and Metallurgy department.

## Topics:

- Inspection.
- Welding.
- Corrosion
- R&D
- Steel Making
- Quality Control
- Casting



## [5]MA Safety Course

**Place:** Tycoon Space.

## Topics:

- Introduction to health and safety in general industry
- Hazards, nearness.
- introduction of HAZOP.
- Recommended Advanced courses to develop themselves.

the course consists of 3 session and duration 12 hours

**Instructor:** Eng Ahmed Diab,HSE at Suez steel company



## [6]NDT workshop

**Place:** Echo company

## Instructors:

- **Eng Ashraf Abdul Ghafor**, CEO of Echo Engineering inspection.

MA SU SC held a practical workshop in KIT Co. in Cairo for **20 students**. The day consists of an orientation about the 5 traditional methods of NDT then a practical workshop with all students.



## [7] Metallurgy School

Metallurgy School is a technical program for which MA SU SC technical team is responsible and supervised by the Technical Officer. In our way to seek our vision and mission to achieve the high technical value for our students, MA SU SC academic team held more than **6 metallurgy school classes** for the students of Metallurgical and Materials Engineering Department.

### Topics:

- **Welding.**
- **Inspection.**
- **Material Alloying theory.**
- **Iron phase diagram.**
- **X-ray Diffraction.**
- **Corrosion.**



## [8] Metallurgy Guide

New product specialized for students at first semester at Material and metallurgy department explained the target of courses at the department, Metallurgy Guide was printed and published during MA welcome party.



## [9] Technical Segment sessions

Technical segment provided sessions for all student at Material and metallurgy department as students demanded from us so during the season Technical team made 9 sessions.



## [10] El Sweedy Couse

Our new partener El sweedy Electric provide inspection course with a field trip, the course duration was 12 hours



## [11] Technical Meetings

As MA wanted to enrich technical knowledge for our members so por Professors helped us for making 9 meetings in different fields.

- Materials Basics, Dr. Mohamed Ammar.
- Steel Making, Dr. Abd El-Khalek Shahin.
- Ceramics, Dr. Mohammed Abd El-Moneem.
- Corrosion Basics, Dr. Adel Amer.
- Failure Analysis, Dr. Sara El-Nekhely.
- Polymers, Dr. Mohammed Abd El-Moneem.
- Alloy Design, Dr. Samir.
- Non-Destrucive Testing, Dr. Mahmoud Abbas.
- Welding, Dr.Essam Ahmed.



## [12] Facebook technical Posts

#Friday\_technical\_post

For the second year our page provide posts **wanted to enrich technical knowledge for our members** we made many campaigns like: Furnace Types, Welding, NDT.

Individual Posts on many topics like smart material, meta material

Our technical posts increased our followers to more than 7000.



## [13] Industrial Field and Yard Trips

### Companies:

**Ceramica Cleopatra Company:** 17 opportunities.

**Ezz Flat Steel – El-Sokhna Plant:** 30 opportunities.

**Sidpec co for Polymers:** 20 opportunities

**Amoc -Alexandria :** 30 opportunities.

**Ezz Steel – Dekhila:** 30 opportunites

**Amreya co :** 15 opportunities



## [14] Winter Internships

MA SU SC is **the first** student chapter who provides winter internships for Metallurgical and Materials Engineering Department students during the winter vacation. MA SU SC managed to get **7 winter Internships** opportunities for **82 students**.

### Companies:

**Kandil steel Company: 21 Internships**  
**Alpha for instruments Plant: 12 Internships**  
**El Sweedy Electronic : 45 Internships**  
**Agiba company : 20 Internships**  
**Bshay Steel: 30 Internships**



### **[15] 11<sup>th</sup> International Exhibition of Iron and Metal Industries:**

The Largest Exhibition of Iron and Metal industries in Egypt held in 14 to 16 March 2019. It concerns all those who work in the metal industries: steel reinforcement, machines, stainless steel , storage units and electrical panels, CNC machines, welding equipment and oils and stabilizers. It was a great chance for our members to attend the exhibition and deal with all the metal industrial companies in Egypt, communicate with engineers of those companies and to keep up with the latest technology in those fields and companies.



### **[16 ]MPM 13:**

The 13th International Conference on Mining, Petroleum and Metallurgical Engineering.

MPM has been a leading international conference for 30 years, as a good chance to exchange ideas, experiences, and views by leading scientists as well as experts in the field of petroleum, natural gas, energy, mining, and its allied areas. We invite all the interested participants in sharing their knowledge, research, and experience in MPM13.

Under supervision of Professor Adel Amer (CEO of MPM) Ma Suez were responsible for contacting with sponsors related to Metallurgical Engineering, prepare designs, videos for marketing and providing technical sessions

MA Suez were considered the best student chapter related to Metallurgical Engineering in Suez university and main reason for Conference Success

Our partners : Suez Steel – Kandil Steel – El-Ashry steel- EPROM-Cooperation Company.



## Soft Skills Development

To increase our members' soft Skills, our structure changed this year.

We have new segment called Development segment prepare members to be trainers  
Beside that our events which make MA have a good reputation inside Suez University.

### [1]MA Marketing Patch

**Online Program for all members to learn Marketing principles**

#### Topics:

- Inbound & outbound Marketing.
- Facebook page roles.
- Content creation.
- Online event Creation.
- Tasks (writing posts, new ideas for Facebook page)

#### Instructors:

- Eng Wssam Hassan, MA suez President 2018/2019.
- Eng Ibrahim Nasser ,MA Suez Marketing Manager 2018/2019.

## [2]MA Presentation Patch

Online Program for all members to learn presentation skills

### Topics:

- Preparing content.
- Using powepoint
- Using Prezi
- Choosing colors and fonts
- Advices for presentation
- Offline Tasks

### Instructors:

- Eng Hussein Atteya, MA Suez President 2019/2020.

## [3]MA CV Patch

Online Program for all members to How to write your cv

### Topics:

- CV parts(Personal information-Education-courses,etc).
- How to choose your Design.
- Common mistakes during CV writing.
- CV Check Task.

### Instructors:

- Eng Raga Ashraf, MA Suez HR Manger 2019/2020.

## [4]MA Website Patch

Online Program for IT members

### Topics:

- HTML ,HTML5
- CSS,CSS3
- Java Script

### Instructors:

- Eng Amr Ahmed,IT Head 2019/2020.



## [5]MA Content Creation session

Offline session by Development team to learn our members content creation, this session was for multiple segment (Marketing, Technical, HR, Development) so Development manager repeated the session for new comers in each segment

### Topics:

- Content Creation
- Writing posts
- Writing video Scripts
- Formal writing.



### Instructors:

- Eng Mohammed Nasser, Development Manager 2019/2020.

## [6]MA Time management sessions

Offline session by Development team to learn our members time management, this session was for all segment.

### Topics:

- How to make your daily plan.
- How to know priority tasks.
- Writing your goal plan.

### Instructors:

- Eng Romysa Ahmed ,Development member 2019/2020



## [7]MA TOT (training of trainer)

Offline session to prepare Development members to explain courses, sessions.

### Topics:

- How to research, Prepare content.
- Determine appropriate tasks for topic.

- Choose references for the topic.
- evaluation of tasks.

#### Instructors:

- Eng Mahnoud Khattab , MA Suez vice President 2019/2020.



## [8]MA CV Writing + Interview

Place :Tycoon space

Course presented from Kandil Steel to prepare students for Interview, Writing professional CV and How to apply for a job. The course lasted for 5 hours.



#### Instructors:

MR Omar Ahmed , HR Manager at Kandil Steel.

## [9] MA Montage Course

Online Program for any one want to learn video editing, adobe Premiere.

More than 700 persons(not just from Egypt ,some appliers were from Kuwait,Saudi Arabia) applied for the course, After the course the learners make a task (3 minute videos about cities).

The course lasted for 4 weeks (one leacture per week).

#### Instructors:

- MR Salem Ashraf , specialized Video editor .



## [10] Leadership Camp

Program to prepare our students to be leaders,  
Explaining how to write formal proposal, How to  
make a plan for a season.

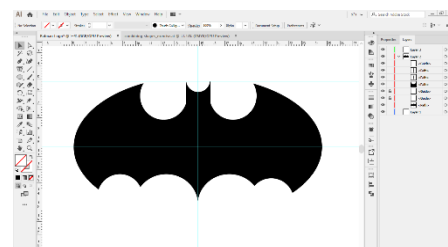
### Instructors:

- Eng Hussein Atteya, MA Suez President 2019/2020.
- Eng Mohammed Nasser, Development Manager 2019/2020.



## [11] Design course

Online Program to prepare our students to be  
professional designers, using photoshop adobe  
illusrutor.



### Instructors:

- Eng Hussein Atteya, MA Suez President 2019/2020.
- Eng Motaz Azzam, designer.



## [12] Youth Entrepreneurship week:

Entrepreneurship week by GEN Egypt targeting all universities in Egypt in World So MA provided this week for Students at Suez university by the help of GEN Egypt, The week helped students to start their projects, found funds ,made marketing Strategy and analysis.

Attends were Students at Suez University for 5 days.

Place: Suez University.

Topics were:

- Digital marketing.
- Self-awareness.



- Meet your Fund
- Career Development.
- Business Development.

Each topic explained in 4 hours and there were multiple workshops.

Our partners: GEN Egypt (Global Entrepreneurship) -SGA (Startup Generation Africa)

Instructors Were from SGA.

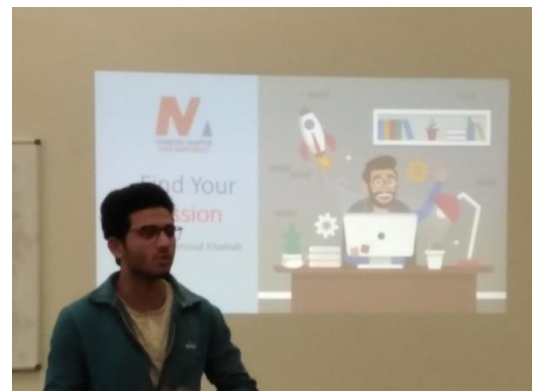


### [13] find your Passion

Important session for motivation, get rid of boring and how to start in a career until reach the advanced level.

#### Instructors:

- Eng Mohammed Nasser, Development Manager 2019/2020.





# Services

MA SC SU believes that to build a unique brand, you have to reach all types of audience and build a good reputation. MA SC SU made it a priority to give back to the community through a good number of community services using all possible methods like social networks, chapter initiatives or by participation.

## [1] iMetallurgist 5

As we believe that students before the university must have the right to choose their future career and determine from this instant the field they do want, we continued iMetallurgist program which seeks to give the students before the university enough knowledge about Material Science and Engineering field.

This year, we hold the iMetallurgist in many schools differ from those we reached last four year with a different program to encourage students to take Material Science field as their major. We could do this by showing students the importance of materials and their contributions in our daily lives.

### **We visited 2 schools:**

- Omar bn El-Khattab preparatory girls School.
- Shlofa preparatory boys School.

**Unfortunately, 2 visits have been cancelled due to Covid-19**

## [2] Blood Donation Campaign

We participated in a blood drive campaign with student union in our university under the supervision of ministry of health. Our members also helped the doctors and nurses in the donation process and made a campaign in the university to tell the students about the benefits of donation and how they can have a great impact on the people's life.

Also like the last year, we made a table of blood types for all students who are ready to donate if anyone needed their blood type. If an accident or surgery is scheduled and the certain blood type is



needed, we call the donators to go to the place of surgery and make the donation.

This year we found students have O- type the doctors thanked us for that.

### [3] Back To School

As we believe that students before the university must have the right to choose their future career and determine from this instant the field they do want. We took the opportunity make fun for children. then, we talked with then about our career and gave them motivation.



### [4] Orphans Day

Anything we can do to help could make a world of a difference to an impoverished orphan, so we took some time to figure out what we can do to them. Our team went to the charity and cheered them up by doing many activities with them such as eating lunch, playing football, cards, chatting, painting, and reading story. The day was wonderful, and the orphans were so happy.

### [5] 57357 Visit

MA SU SC operations team besides many members held a visit to 57357 hospital, they met the children and spent the whole day playing and doing many activities with them. Also, the saw the new innovations and plans for the hospital to spread its role in treating cancer patients.

### [6] Sheikh Zayed Marathon

Sheikh Zayed Marathon in Suez for Children, great opportunity to participate in this Act of charity.

Under supervision of prof Sayed El Sharkawy (Suez University president)



### [7] Awareness campaigns

As we believe that the most powerful means of persuasion is talking and discussion, MA SU SC members participated in many awareness campaigns in the campus of Suez University

targeting students. The campaigns include Say No to Drugs, How to Dream, Do not Smoke, Do not harass and how to protect yourself against harassment.



### [8] Rationing water use session

Saving water is very important to us, so we contacted with Ministry of Water Resources to give us this session. We learnt to save water, types of pollutants and new technology used to save water.



## [9] Collecting Money for a Charity

Fundraising for the Community Part of our service for the community included collecting funds for the Youth & Shelter Services. In Cooperation with Shamsia Space, we put out a box to collect money from students and donate it to a charity.

## [10] MA Iftar Ramadan

Like every year, MA SU SC members participated with PME students and professors to make a day to have the iftar of ramadan together. It was an opportunity to enjoy and strengthening the relations within the department community.



## [11] Resala's Million Convoy

Resala is a non-profit organization based in Egypt. They held a great charity convoy "Million Convoy" the help the poor and the needy through 3 days providing them with 250 foodstuffs, connecting 200 water connections, build 100 home roofs, preparing 50 orphan bride about to marry and building 5 whole houses. MA SU SC participated in the convoy in the 7 days.

## [12] Against Covid-19

Online lectures talking about Covid 19 ,How to avoid the conflict, the best masks we must use (N 95),How to protect our selves and other people if we are conflicted and make a contact between our page and doctors for any advices.





### [13] Visit to book fair

Egyptian book fair is considered the second-best book fair in the world and the first of number of visits, so MA Suez must provide this chance for our members. The visit lasted for a day and we found many books, Material references and awareness sessions



## Social Activities

With sorrow, members and students' days in university are usually busy and fully, so MA SC SU decided to take the step and provide them a joyful break every so often through many events.

### [1] Welcome Party

MA made a welcome party for the new comer students in Faculty of Petroleum and Mining Engineering, Metallurgical and Materials Engineering Department. Firstly, We gave them a lot of information about the department, distributed Metallurgy guide. Then, we told them about MA Suez and our activities. Finally, we made them a day full of games, activities and eating a sweet cake.



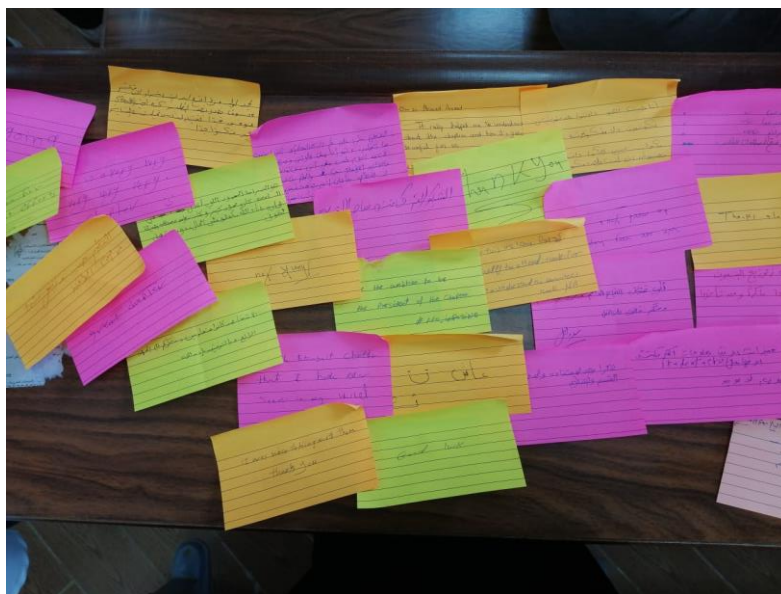
### [2] MA Sports Day

MA SU SC held a complete sports day in the university for our members and faculty students. The day contained: table tennis, football, basketball, and volleyball. The day was so busy and joyful and left a beautiful print in students' souls.



### [3] Smile Day

MA SU SC operations team decided to surprise the university students during Mid-Term period with smiles faces and balloons to spread the joy in all the university and changing all students moods making their day.



### [4] MA Outings

As encouragement plays an essential role in recharging the spirit of the members, we held regular outings for MA SU SC members for fun. The outings had great impact on them feeling that the chapter is their home and feeling with belonging. These outings affected on the work of students during the whole season.



### [5] MA Fun Day

We do believe in the Swiss psychologist Jean Piaget who said that the more students are happy, the more they are productive, so we made a fun day for our members. The day was



full of joy, happiness, and amusing. It includes playing football, playing cards, movies game, ball and fish game and other games. It made them day. Although the day was exhausting, we were energetic and so happy with its success.

## [6] YLF

Youth Leadership foundation is the biggest event for student activity chapters in Egypt. It is also a competition between 300 student activity chapter in Egypt. So, MA Suez Participated in the event with our idea for human development. But unfortunately, the event has been canceled before the final step due to Covid 19.



## Expanding

After MA Suez became the most outstanding Chapter, Many Faculties asked us to make sessions about Student activity chapters, advantages of joining us, Soft skills which students will learn after joining.

This year we made more than 5 recruitment campaigns, we visited 3 other faculties.

We made many partnerships with 4 Universities we gave them our experience and trained them to be more professional.

We renewed our website and create android app for MA Suez.

We talked about MA, AISt, Acers, TMS, ASM and our main products in all sessions or recruitment campaign.

MA Suez this year achieved more success and earned good reputation.

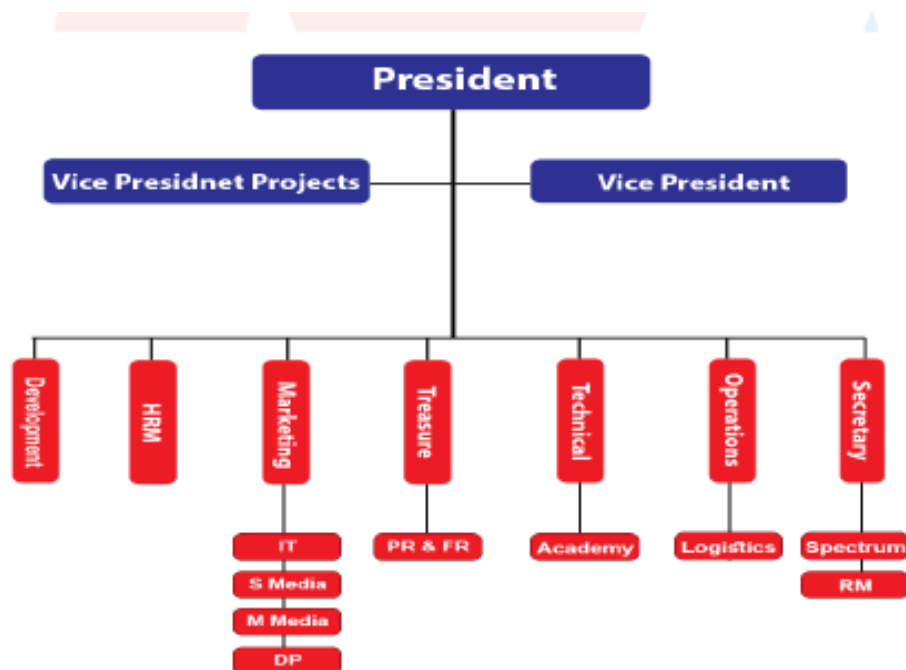


# Management

MA SU SC held a lot of events this year. These unique events came out of right structure, workflow, job description and internal development. Throughout this season, MA SU SC high board, board and members communicated effectively to ensure things ran smoothly.

## Structure

There is no doubt that season 2018– 2019 was very fantastic in the workflow, but I noticed some defects needed to be changed as shown in the structure:



New Segment will be created "Development ".

There are 2 vices of the president.

RM will be created after training members to be good in English.

Marketing will include (IT , Social media ,Multimedia ,DP)

We will have advisors (All ex-managers).

Development segment will responsible for:



training all members from Joining the Chapter until the end of the season.

Development Segment divided into two types (Soft and Technical).

All members join the chapter after two weeks from Joining.

They will be able to make a CV and Qualified to make tasks for their committee.

Until the end of the season, we will have highly qualified members and leaders.

and those according to:

- Weekly English exam (Reading, listening).
- YouTube channel will play a great role.
- Leadership Program for managers in summer vacancy.
- The Technical Diploma.
- The winter training and summer training.
- CV Competitions.
- Presentation Competitions.
- The conferences.

## **Strong internal and external systems**

### **A) For internal system:**

- All members, heads, and managers must respect and follow the workflow rules.
- Any member tells secrets of MA to another one, not in MA will be fired.
- Anyone breaks the roles of COE will be fired.

### **B) For external System**

- The president, Vices, and PR manager will give permission for anyone in the chapter to make co-operation with another chapter.

### **Evaluation System**

- Manager or his vice will fill a sheet about absence, commitment, and creativity.
- Envoy member will complete this sheet and fill the development process



details.

- HRM Manager will make Reports and send them from the HR account.
- HRM Manager will send me a report about the evaluation of the segment.
- Saraha accounts for complaints, the president will review the feedbacks.

### **Strong Work Ethics**

- No Politics No Religions.
- No leader interferes in other leader work.
- No leader gives orders to members in another committee.
- No members can interfere in others work.
- Members must respect their leaders.
- No one ever can offend others in the chapter during work or due to anything related to the chapter.

### **Strong rewarding and firing systems**

Besides the recognition on the website and Facebook page:

- There will be a prize “Outstanding Performance” for the members at the end of each semester.
- There will be punishments for those who break any of the roles by making appraisal meetings between (HR manager and those who made the problem) and the punishment will be settled depending on the appraisal meeting.

### **Strong Quality Assurance System**

- HR Evaluation monthly report about members and the quality of our events.
- Feedback of members every month.
- We will have a good view of the chapter performance by following the two ways and try to correct the mistakes that appeared quickly.

### **Strong Problem-Solving System**

- 1- Define the problem and evaluate it properly.
- 2- Discuss with the team about the perfect solutions for the problem.

- 3- Put an alternative solution.
- 4- Implement the solution that we all agree with each other.

## Chapter Finances

**All Finances are conducted by chapter treasurer who has the responsibility of:**

- Managing Chapter Bank Account.
- Handling all receipts and expenditures.
- Preparing all documentation required for expenditures.
- Preparing monthly financial reports.
- **Fundraising Methods:**
- MA Welcome Package.
- Events held by the chapter.
- Field Trips organized by MA SU SC and make good fund from it.
- Financial sponsor for our main conference.
- Getting financial support for SPECTRUM, Summit.

## General Meetings

- **Two main** Formal General Meetings were held **offline** this year, except the general meetings for technical and soft skills development, inside and outside at the Faculty of Petroleum and Mining Engineering building. In addition, six **main** Formal General Meetings were held **online** through our Facebook group and Facebook messenger chat.

## Weekly Meetings

- Weekly meetings with **our advisor** for keeping the strong bond between us and ensure that we are on the right track. Weekly Meetings between committees' **manager and vice with their members** to discuss the work of the committee,

enhance members' skills and discuss their performance, current events, and workflow between them.

## Recruiting Activities

- Following the activities of the last three years, MA SC SU had many recruitment activities during this year which were very successful to increase the chapter active members from 35 members to +120 in the end 2019 – 2020 season after the filtration of 350 recruiting application and conducting +100 interviews by HR Team.
- **Online Recruitment events** on Facebook (3 events during the year) conducted by Multimedia Team.
- **3 Offline Recruitment events.**

## Communication

This season we kept using 5 social media platforms:

Facebook,

Twitter, Instagram, LinkedIn, Android App besides MA SU SC Website.

- **Facebook page:** +7000 Like

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

- **LinkedIn:** reach companies and professionals

<https://www.linkedin.com/company/material-advantage-suez-university>

- **Instagram Account:** for publishing photos of events, meetings, and chapter activities.

<https://www.instagram.com/masusc/>

- **Twitter Account:** to keep reaching our target through different social media platforms

<https://twitter.com/masusc/>

- **Our Website** team managed to design an attractive website to officially represent our chapter. The website contains all information about us, news, and important programs.

- **MASUSC android app** ,new platform enabled us to publish SPECTREUM ,Summit , push notification for new events, posts and linked to MA .

App icon:



## Covid – 19

As all countries and organizations, MA Suez suffered from Covid 19.

- MCDC 2.
- NDT presented from El-Canal office.
- 2 visits to schools(iMetallurgist 5).

have been cancelled.

So we made many sessions and programs online using Zoom, Facebook and Microsoft Team.

We made Against Covid 19 Event to increase our members' awareness.

All offline meeting after spread of covid 19 have been changed to online meeting.



### Department of Material Science & Engineering

May 20, 2020

As the Advisor of Material Advantage Student Chapter at Suez University, it is my pleasure to give my highest endorsement of the chapter and its many valuable programs and activities. The officers and members have truly exceeded all the expectations in fifth year of at our university.

The chapter has been extremely active throughout this year. They managed to set short and long-term goals and worked hard to fulfill a good deal of the anticipated programs and events.

They complete the great success of «Career Development Conference» which discussed different paths that a graduate can have after graduation and preparation the graduates with the skills needed to be professional at their work by choosing a new venue for the conference besides many well-known companies to participate in it.

They have done a great job in every detail to get this conference organized in a highly professional manner, they managed to have a media sponsor to cover all the conference events and speakers.

Also, publishing the third issue of Spectrum, SUMMIT magazine, which was amazing and received by a great impression for the students and professors of Faculty of Petroleum and Mining Engineering and Suez University.

Besides their technical activities, the chapter has also sponsored and contributed in many social events and participated in many charitable events like the Sheikh Zayed Marathon, 57357 Visit, Rationing water use session and the blood donation campaign.

In brief, MA chapter at Suez University is a valuable addition to the students at Suez University. They have shown high commitment, enthusiasm, and organizational skills, which has been inspiring to other students.

I am quite happy to give them my strongest recommendation. Please do not hesitate to contact me should you have any further inquiries.

Regards,  
Dr. Adel Amer  
*Adel Amer*



**FIVE YEARS OF SUCCESS**  
**AND THE MORE IS COMING ....**

*Thank  
You*

**MATERIAL ADVANTAGE**  
**SUEZ UNIVERSITY**

