

Annual Report

2022-2023



SUEZ UNIVERSITY
STUDENT CHAPTER

#DiscoverYourBest

Most Outstanding Chapter (3 Times)
Chapter Of Excellence (4 Times)

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The Most Outstanding Chapter Application

2022 – 2023

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

Submitted to **ASM International**

Prepared by

Ahmed Mersal, President 2022 – 2023
Mohammed Bedeir , Secretary 2022 – 2023

Student Chapter's Advisor
Dr. Adel Amer

MA HighBoard



Ahmed Mersal
President



Mohamed Abdelhamed
Vice President



Mohamed Bedeir
Secretary & IR Manager



Hassan Elgabry
IT Manager



Ahmed Elnaggar
Treasurer



Raghda Mohy
Marketing Manager



Mostafa Awadallah
Technical Manager

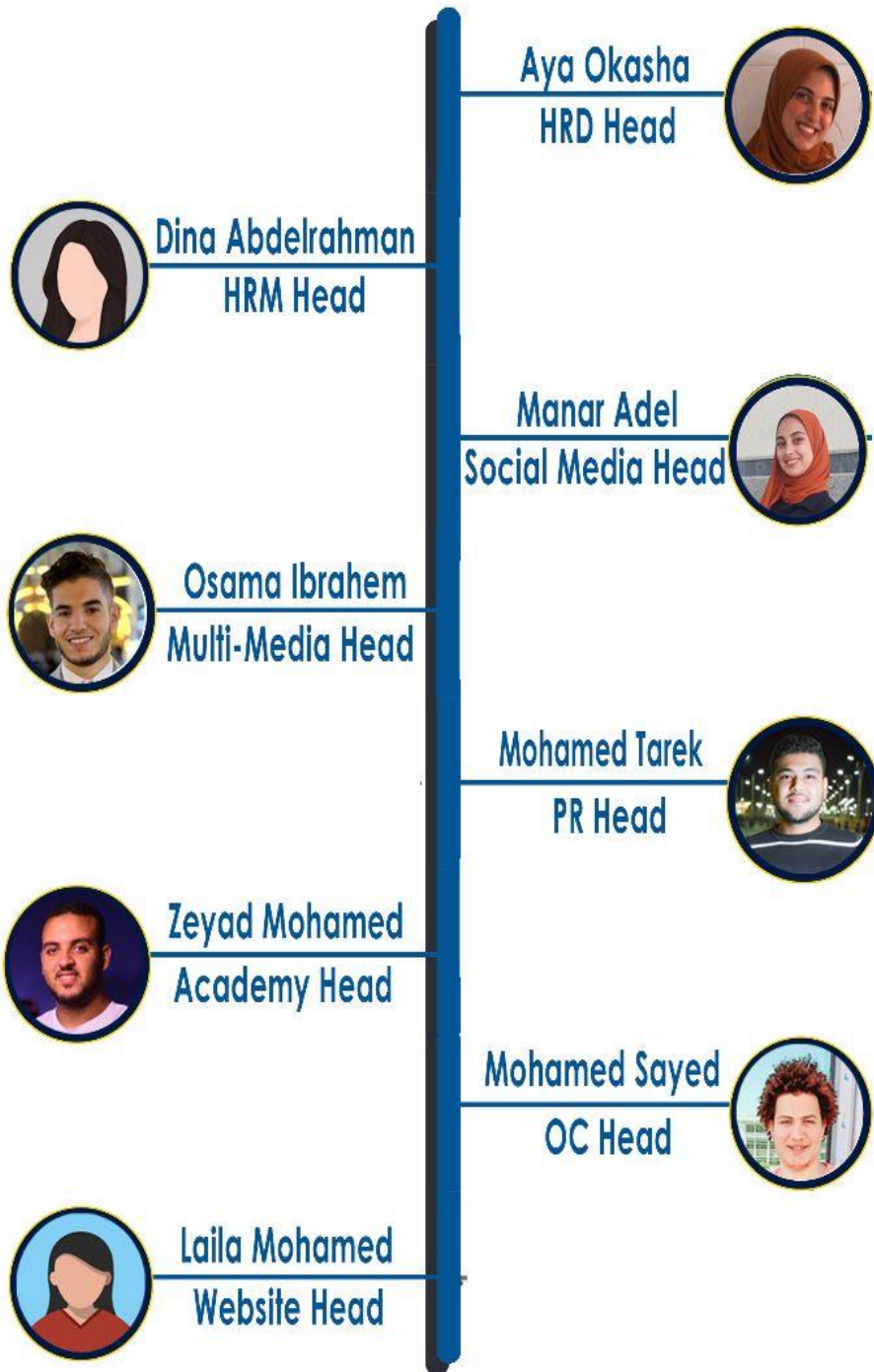


Shabaan Ramadan
Operation Manager



Hassan Abdelazeem
HR Manager

MA Board



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 the Faculty of Petroleum and Mining Engineering Suez University, representing Material Advantage program among more than 105 student chapters around the world.

MA SU SC 2022-2023 season was full of creative and valuable events for chapter members, department students, college students, and even university students. During this season, high board, board, and members were dedicated to doing their best to make MA SU SC stand out on campus and developed new, unprecedented, and creative events. We intended to maintain our position as last season that we are positioned as the Most Outstanding Chapter, we want to obtain this position for the fourth time.

Vision:

"By the end of the season, MA will be positioned with an outstanding image locally and internationally and expanded to reach every metallurgical local or external student."

Mission:

- Expand externally by helping students from other universities to create another MA branch in Egypt.
- Expand externally by SPECTRUM and ARC
- Put a suitable evaluation system.
- Developing members' technical skills
- Development program for the high board and the members.
- Put a suitable plan for the season locally and internationally
- Providing a strong development program for the leaders of the future
- Marketing our products to reach a large number of students
- Expand externally by helping students from other universities to create another MA branch in Egypt.

Objectives:

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

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 9 officers (President, Vice President, Secretary, Treasurer, Operations Officer, Marketing Officer, Academic Officer, HR Officer, IT Officer).
- **Board**, consisting of 8 Vices (Treasurer's vice, Operation Officer's Vice, Marketing Officer's three Vices, Academic Officer's Vice and HR Officer's two Vices). Top Records:
- MA SU SC Won **The Most Outstanding Chapter** for **three** times **[2018 – 2019 & 2019 – 2020 & 2021 – 2022]**.
- MA SU SC Won the World Chapter of Excellence Award **four** times. **[2015 – 2016 & 2016 - 2017 & 2017 – 2018 & 2020 – 2021]**
- 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 the Metallurgical and Materials Engineering Department this year.

Statistics

During Material Advantage Suez University Student Chapter (MA SU SC) season 2022 – 2023, 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 20 members to +150 members.**
- Publishing **issue 8** of the International Student Magazine - SPECTRUM.
- Publishing **issue 1** of our non-technical magazine - ARC
- Facebook page followers reached **+12000.**
- Using **6** social media platforms: **Facebook, Twitter, Instagram, LinkedIn, MA SU SC Website and MASUSC android application.**
- Securing SPECTRUM financial sponsor.
- **4 Mega events.**
- **6 Field trips for 165 students.**
- **6 Winter & Summer Internships** opportunities for **276 students.**
- **9** Main career development events.
- **15** soft skills sessions.
- **7** 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** for season 2021-2022

Highlights

Career Development Conference 6 (CDC V)

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. It was offline on March 18, 2023, in AUC – the American University in Cairo.

Metallurgical Career Development Conference (MCDC 3)

MCDC is a student-made conference targeting all metallurgy and materials engineering students in collaboration with the faculty of Petroleum and Mining Engineering, Suez University. The conference mainly focuses on preparing metallurgical students to labor market. And to help them to have a clear vision of the most important fields of metallurgical engineering. The conference was offline on May 17, 2023 in the Faculty of Petroleum and Mining Engineering, Suez University.

MA Steel Making Industry

MA Steel Making Industry is a mega event by MA. It aims to bring students closer to the labor market in the iron and steel-making industry and introduce them to the most important topics in which a metallurgical and materials engineer can work. The event also focused on the latest techniques and technology in the iron and steel industry. It was online on February 7,8,9, 2023.

MA3S (MA Soft Skills Sessions)

A new mega event by the Development segment for all students at Suez University, the event consisted of multiple sessions which our members demanded to learn. It was online from January 23, 2023, to January 30, 2023.

Spectrum issue 8

SPECTRUM is the first international technical magazine in Egypt and the Middle East, which is specialized in material science and is made by students. It contains suitable sections for professional engineers as well as normal students. It has different articles from inside and outside Egypt covering most of our field. It was published on May 10, 2023.

ARC issue 1

ARC is our non-technical magazine with articles about digital marketing, English, German, CV writing, Freelancing, and interviews with famous people specializing in soft skills Development. It was published on March 18, 2023.

FMPE First Student Conference

MA participated in organizing the first student conference at the Faculty of Petroleum and Mining Engineering, Suez University. The conference aims to introduce students to the college, its fields of work, and the most important modern technologies in the field of petroleum and mining in Egypt. The MA was keen to introduce students to the most important activities, events, and opportunities offered by the MA throughout the year. It was offline on March 14, 2023, in the Faculty of Petroleum and Mining Engineering, Suez University.

MA Science Fair

MA did a science fair during the first student conference in the faculty of Petroleum and Mining Engineering. Some MA members participated during this exhibition by holding some activities and competitions among the students and giving them prizes. The exhibition also introduced the students to the activities that the MA does during the season. It was offline on March 14, 2023, in the Faculty of Petroleum and Mining Engineering, Suez University.

MAGC II

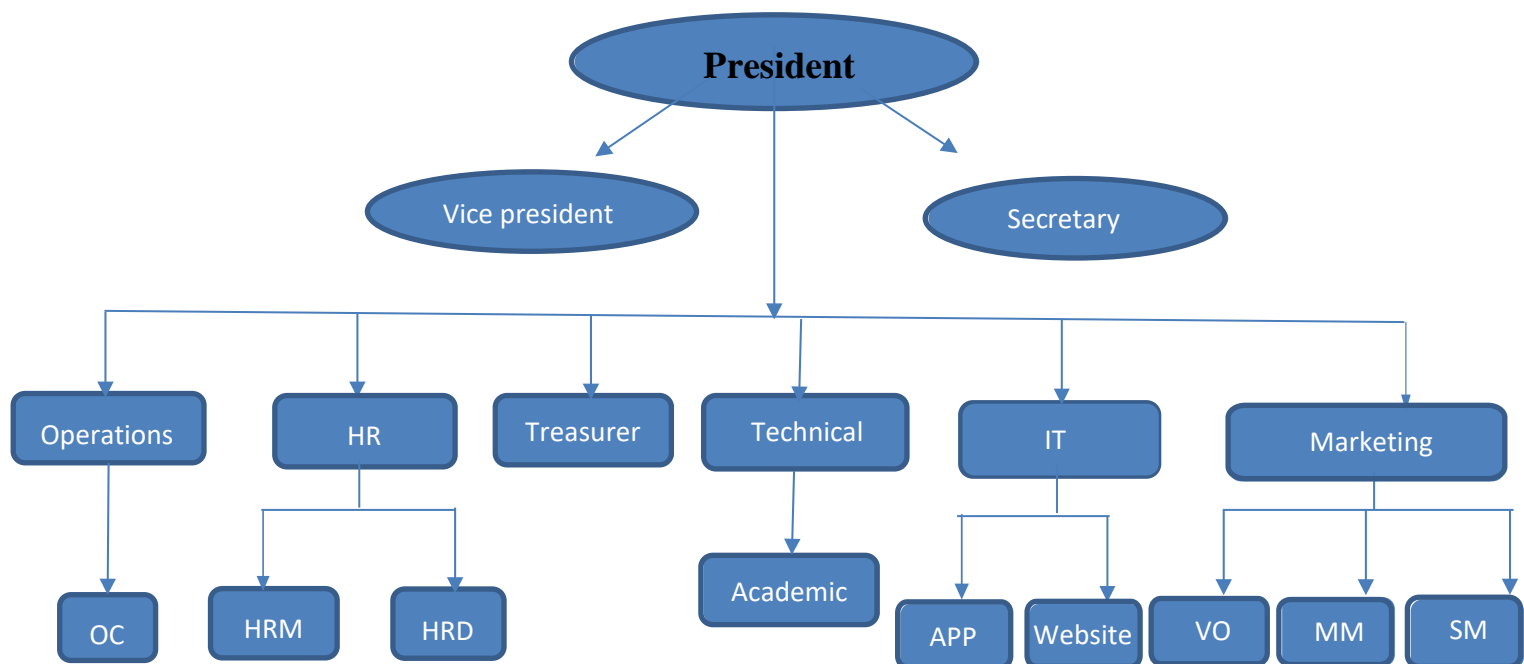
Metallurgy Around the Globe Conference (MAGC) is a mega international online conference about metallurgical and materials engineering around the world. The event was about many important topics such as Future of material engineer, Underwater welding, the steel Industry, Ceramics, Smart Materials for building surfaces and Hydrogen storage material. The speakers were from many different countries such as Egypt, Canada, India, Saudi Arabia, and Yemen. It was online on October 08, 2022.

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 2022– 2023 was very fantastic in the workflow, but I noticed some defects that needed to be changed as shown in the structure:



There are 2 vices of the president (Vice President and Secretary).

This season we opened a new committee was Voice Over:

This committee related to Marketing segment; this committee is responsible for:

- New campaigns that illustrate technical topics with videos.
- Presenting the sessions and events.
- Any videos with voice over on our social media pages.

Academic committee is still responsible for:

- Technical posts campaign in the page
- Metallurgy school
- Scholarships trips

As well as new responsibilities:

- Articles for the website & android application
- Present technical sessions to develop metallurgical students
- Supervise the technical internal competitions.
- YouTube channel

Human resources management committee is responsible for the following:

- Recruitment process
- Create a strict evaluation system.
- Sending monthly reports about members in all committees • Monthly feedback forms.
- Monthly best members' mails.
- Receive complaints from members.

HR segment will include (HRM, HRD)

Direct publicity committee will be under operations segment

Marketing includes (Social media, Multimedia, Voice Over)

IT segment includes website and APP.

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.

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

- Define the problem and evaluate it properly.
- Discuss with the team about the perfect solutions for the problem.
- Put an alternative solution.
- Implement the solution that we all agree with each other.

Chapter Finances

All Finances are conducted by the 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 funds from it.
- Financial sponsor for our main conference.
- Getting financial support for SPECTRUM, ARC.

General Meetings

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

Weekly Meetings

- Weekly meetings with our advisor to keep a strong bond between us and ensure that we are on the right track. Weekly Meetings between committees' managers 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 five years, MA SC SU had many recruitment activities during this year which were very successful to increase the chapter active **members from 20 members to +150** in the end 2022 – 2023 season after the **filtration of 260 recruiting application** and conducting **+180 interviews** by HR Team.
- **Online Recruitment events** on Facebook (**4 events** during the year) conducted by Multimedia Team.
- **2 Offline Recruitment events** by operations Team.

Communication

This season we kept using **5 social media platforms**: Facebook, Twitter, Instagram, LinkedIn, Android App besides MA SU SC Website.

- **Facebook page**: +12000 Likes
<https://www.facebook.com/masuscpage>
- **LinkedIn**: +5000 followers
reach companies and professionals
<https://www.linkedin.com/company/masuscpage>
- **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, ARC, push notification for new events, posts and linked to MA. **App icon**

Programming

🚩 Career Development Conference 6 – CDC VI

In order to achieve our vision which is 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. We held this event offline in the AUC - America University in Cairo. We held this event for the **sixth** time. We made a partnership with ASME AUC SC. The attendees number exceeds 170 attendee.

The topics were:

- English
- Entrepreneurship
- Voiceover
- Freelance
- Problem solving
- Personal branding
- Artificial intelligence
- Marketing strategies

Speakers:

- Mr. Moustafa Abdelsabour
- Mr. Mahmoud Hassan
- Mr. Youssef Eldaly
- Mr. Mohammed Green
- Mrs. Zeinab Mahdy
- Mr. Moutaz Moussa
- Mr. Mouhab Eid
- Mr. Khaled Youssef



Opportunities:

- 100 CV Check
- 50 level tests in English
- 70 level tests in German
- 50% discount for English course for all.

Our Sponsors:

- 4level1 for English.
- Bright Minds
- Komet Institut
- Das Gut
- EgyCham
- CAME



Metallurgy Around the Globe Conference (MAGC II)

We held this event for the second time. It was online event. We aimed to make this edition different by bringing speakers in new topics the related to all metallurgical engineers. We made a partnership with AIST-ITM and MA NIT. The attendees number exceeds 300 attendee.

Topics:

- Future of materials engineering
- Hydrogen storage materials
- Ceramics
- Electric Arc Furnace
- Underwater welding
- Smart materials for building surfaces

Speakers:

- Dr. Iman Elmahalawy
- Dr. Abdelrahman Babraik
- Dr. Ravi Kumar
- Dr. Ashraf Hanna
- Dr. Abdullah Alhuzaim
- Dr. Benjamin Hutton

Sponsors:

- Alpha industries and construction
- The steel Network



MA Steel Making Industry

To be specific in our field (metallurgy), we held a mega event about steel industry for the first time. The event was online and continued for three days and there was large number of audience.

Topics:

- How digital transformation shaping iron & steel industry
- Hazards of gases in steel making process
- DRI & raw materials
- Meltshop
- Continuous casting process
- Rolling process
- Refractories in steel making
- Quality control and Labs
- Product development & customer service



Speakers:

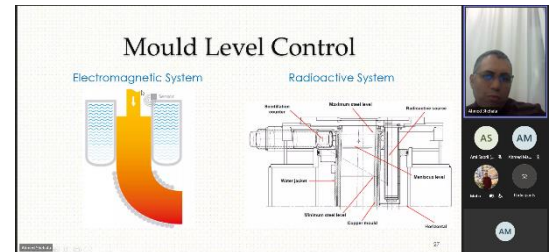
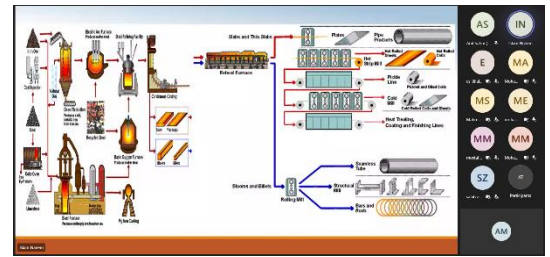
- Eng. Mohamed Saied
- Eng. Islam Hassan
- Eng. Tamer Elshety
- Eng. Ahmed Mansour
- Eng. Ahmed Shehata
- Eng. Islam Naeem
- Eng. Ahmed Tantawy
- Eng. Reda Ghazi
- Eng. Mohamed Hesham

Sponsors:

- EZZ Steel.
- Egyptian Steel
- Steel Network
- Kandil Steel

Opportunities:

- 8 Summer training opportunities in Ezz Dekhila
- 20 Summer training opportunities in Kandil Steel
- 15 field trip opportunities in EZZ Steel Sokhna plant.



Safety first: Safety engineering seminar

We held a webinar concerned with occupational health and safety in petroleum, steel, and construction industries. It was online with +120 attendees.

Topics:

- Safety engineer job
- Safety management system overview

Speaker:

- Eng. Ahmed Gamal

Sponsor:

- AGBSK Academy

Opportunities:

- 20 opportunities for free safety course from AGBSK



Metallurgical Career Development Conference 3 (MCDC III)

We held an offline conference MCDC in the Faculty of Petroleum and Mining Engineering with the presence of Dr. Essam Ahmed, dean of the faculty of Petroleum and Mining Engineering Suez University, Dr. Adel Amer, Vice dean of the faculty, head of the metallurgical and materials department and our chapter supervisor, and many professors in the department. The attendees' number exceeds 150 attendees from the metallurgical and materials department students.

Topics:

- Steel Making
- Corrosion

Speakers:

- Eng. Mahmoud Elkishk
- Eng. Mohamed Abdelsalam

Sponsors:

- Petrobel Petroleum Company
- Khalda Petroleum Company
- Kandil Steel
- DSD Ferrometallco.

Opportunities:

- 10 summer trainings opportunities in Khalda Pet. Co.
- 5 summer trainings opportunities in Petrobel Pet. Co.
- 30 opportunities for free steel making course from Eng. Mahmoud Elkishk
- 30 summer internships in Ezz steel.
- 20 summer internships in EZDK
- 15 summer internships in Suez Steel Co.



MA Digital Marketing Seminar (DMS)

Topics:

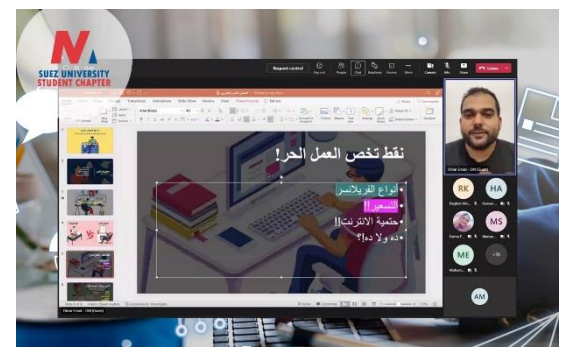
- Freelancing in digital marketing
- Content creation
- Graphic design
- UX/UI

Speakers:

- Mr. Omar Emad
- Mr. Moustafa Abd-Elhai
- Mr. Abdelrahman Farahat
- Mr. Ahmed Faris

Opportunities:

- 100 % discount for 100 people on a course "Creative Advertising & Graphic Design Theories for Beginners."
- Discount of more than 77% on a course "Graphic Design MasterClass - Photoshop, Illustrator, Indesign."



✚ The 1st student Conference in the Faculty of Petroleum & Mining Engineering

We participated in this conference with partnership with the Faculty of Petroleum and Mining Engineering and the student's union of the faculty. it was for students in all departments in the faculty. there was a poster competition that there was a huge number of students participated in it. The attendee number exceeds 600 attendees.

Sponsors:

- The Syndicate of Engineers in Suez
- BGS
- Kuwait Energy



✚ MA Sience Fair

It was offline at Suez University. It includes some simulations for steel making factory. We exploit this fair and introduce our products for students in the university and tell them about our chapter. There were 47 recruiting applications filled that day. We are honored by the attendance President of Suez University, the Dean of the Faculty of Petroleum & Mining Engineering, and the vice dean of the faculty.

On that day we gave souvenirs to the students in the university like our T-shirts, MA notebooks, medals, pens, and our technical magazine SPECTRUM.

Sponsors:

- BGS
- Kuwait Energy
- Indomie Egypt



MA Skill week

It's a non-technical event focused on the development of skills that are required for labor market, it was online on Zoom. In this event, more than 150 students attended the program.

The programs are:

- Leadership skills, by Mr. Ahmed Mersal.
- Persuasion skill, by Mr. Ahmed El-Naggar.
- Public Speaking by Mr. Mohamed Bedier.
- Time management, by Mr. Hassan Gabri.

All the instructors are Development Committee 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.



SPECTRUM 8

SPECTRUM 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.

SPECTRUM 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, Interviews with AIST President 2022-2023 and TMS president 2021-2022, DRI, Electroplating, Corrosion, Risk-Based Inspection, Continuous Casting Process Articles.

Our Main Sponsor:

- Alpha for construction

Our partner:

- Ezz steel, Egyptian steel, Khalda Pet. Co., AIST, Alpha, Petrobel Co. and Kandil Steel.

Spectrum 8 consists of:

- Interviews with Keith Howell, AIST President. And with Jud Ready, TMS president
- Articles about DRI, electroplating, corrosion, Risk-Based Inspection, continuous casting process and Stainless-steel fabrication and testing.
- Our Chapter news and new technologies in the material science field.

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



ARC Issue 1

ARC is our non-technical magazine with articles about personal branding, German, artificial intelligence, and interviews with famous people specialized in soft skills development. The first edition was published in March 2023. It will be published annually.

The magazine consists of different sections; Foreword for the Chapter's President and the Magazine's Editor in Chief, 2 Interviews, 5 Articles

Our Main Sponsor:

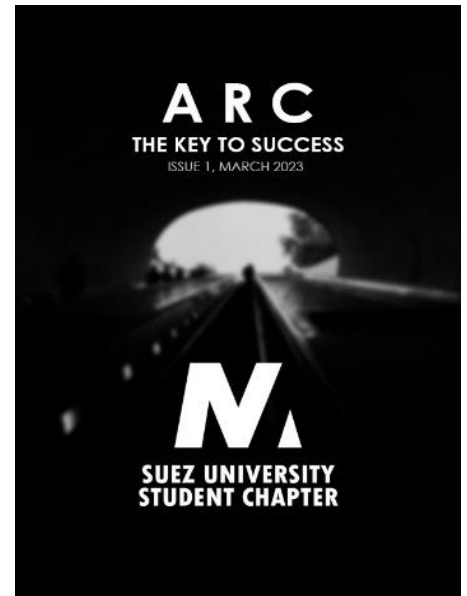
- DR. English

Our partner:

- Career Compass
- The Map

ARC 1 consists of:

- Interview with **Mr. Moataz Musa**
- Interview with **Dr. Eman Khalil**
- 5 articles presented from Development Segment about German language, problem solving, artificial intelligence, personal branding, and Communication Skills. **All articles ended by small task.**



MA Journal:

Journal is a good idea for marketing MA SU SC more between students, collect session achievements to help in the offline marketing in the university and in companies and to appreciate best members by adding them to MA hall of fame.

The journal included:

- MA news through every month.
- Photos for events.
- MA competitions.
- Best members' Photos.



MA Welcome Package:

T-Shirt:

This year, it was a polo T-shirt, short sleeves and red color with our slogan for the season "DiscoverYourBest", MA SUSC logo and the sponsor's logo in the front and Material Advantage name and Most Outstanding Chapter words in the back. There are three stars indicating the "Most outstanding chapter" times and others for the "Chapter of Excellence" times

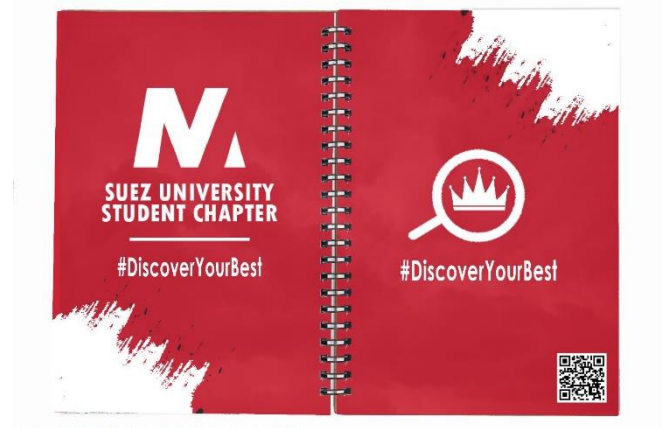
Sponsor:

- OCTOPUS for clothes.



- Notebook:**

For fourth year, we provide all MA members with a notebook of MA SU SC season 2022 – 2023 for free as a kind of preference, encouraging and positioning MA SU SC in all students' minds.



MA SU SC 2023 Presidential Elections:

Date: 26th May, 2023

Due to finals exams at this time, 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 **President 2015 - 2016.**

Eng Hossam Ayman **President 2017/2018.**

Eng. Wessam Hassan, **President 2018-2019**

Eng. Mohamed Fathy, **President 2021-2022.**

Eng. Ahmed Mersal **President 2022-2023**

Eng. Mohamed Abd-Alhamid, **Vice president 2022-2023**

Eng. Mohamed Bedier, **Secretary 2022-2023**

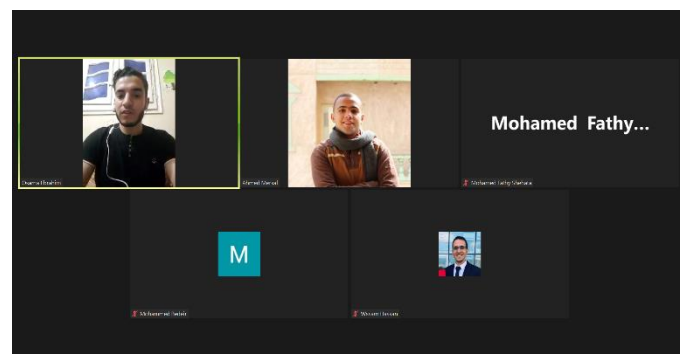


The Candidate is :

Mr. Osama Ibrahim – Multi-Media Head 2022-2023.

Steps :

- Video about 20 minutes for each candidate about his Plan and discussion between members for more explanation.
- All members have a ticket on the MA Suez website the link can be used just for one time to vote by Yes or No.
- The winner was Mr. Osama Ibrahim.
- Finally, NC Account announced the final result.



Career Development

✚ MA Welding Course:

Place:

- Online

Topics:

- Welding Process.
- Welding Defects.
- SMAW, GMAW, FCAW, GTAW, SAW
- Modules 4 of CWI



The Course consists of 4 sessions and the total period 20 hours, it was All Students at Materials and Metallurgy Department.

✚ MA CWI Diploma

The diploma consists of 12 sessions and lasts for 36 hours with a practical day.

Place:

- o Idea Space Suez University

Topics:

- o Introduction to CWI course
- o Codes and standards of CWI
- o How to pass the CWI exam

Instructor:

- o Eng. Ahmed Omar



✚ MA Safety Course

The course consists of 3 session and duration 12 hours

Place:

- Tycoon Space.

Topics:

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

Instructor:

- Mr. Mostafa Awadallah, Techniacal officer.



MA Materials Day

An online event about materials engineering field.

Topics:

- Ceramics
- Nano materials
- Smart materials

Instructors:

- Dr. Mohamed Abdelmonem
- Eng. Eslam Rashed
- Dr. Zaki Hussein



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:

- Basics of furnaces.
- Metal forming.
- Alloy design.
- Iron phase diagram.
- X-ray Diffraction.
- Welding.



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 10 sessions.



Facebook technical Posts

#Friday_technical_post

For the third year our page provides posts wanted to enrich technical knowledge for our members we made many campaigns like: Regardless of metals, New technologies, What is the difference? Specifications and standards of materials and Metallurgical terminologies. Individual Posts on many topics like smart material, Nano material Our technical posts increased our followers to more than 12000.



Industrial Field and Yard Trips

Companies:

Ezz Flat Steel – El-Sokhna Plant: **50 opportunities** on two visits.

Egyptian Steel – El-Sokhna Plant: **20 opportunities**.

Glass Rock: **30 opportunities**.

Alpha construction: **30 opportunities**.

Egyptian black sand company: **20 opportunities**



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 8 winter Internships opportunities for 168 students.

Companies:

- Kandil steel Company: 20 Internships
- Arco steel Company: 8 Internships
- Alpha for construction: 30 Internships
- El Sweedy Electronic: 25 Internships
- Ferro-metalco: 20 Internships
- El- Ola steel: 30 Internships
- Rig-solution: 20 Internships
- Central metallurgical research & development institute: 15 Internships.



Soft Skills Development

To increase our members' soft Skills, We make a committee by leaders. Each of us make a session for a specific skill to chapter members. This program is done during 7 weeks with 2 offline sessions per week. We prepare the members to be trainers Beside that our events which make MA have a good reputation inside Suez University.

✚ Making a professional LinkedIn account

An offline workshop for our members. It consists of 3 sessions.

Place:

- Idea space Suez.

Instructors:

- Eng. Ahmed Mersal, MA Suez President 2022-2023.



✚ Being professional in Excel

It was offline during 4 sessions for MA chapter members.

Place:

- Shamsia Space

Instructors:

- Eng. Mohamed Abd-Alhamid, MA Suez Vice President 2022-2023.

✚ Resume writing

It was offline session for MA chapter members.

Place:

- Idea space Suez.

Instructors:

- Mrs. Raghda Mohy, MA Suez Marketing officer 2022-2023.



✚ MA Presentation Patch

Offline Program for all members to learn presentation skills. It consists of 6 sessions.

Topics:

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

Instructors:

- Mrs. Aya Okasha, MA Suez HRD Head 2022-2023.
- Mrs. Nesma Reda, MA Suez HRD member 2022-2023



✚ MA CV Writing

Online Program for all students to guide them to make a good CV.

Topics:

- CV parts(Personal information
- Difference between Resume and CV Education-courses,etc).
- CV Check Task.
- How to choose your Format.
- Common mistakes during CV writing.

Instructors:

- Mrs. Fatma Rashed, career coach.

✚ MA Web Development

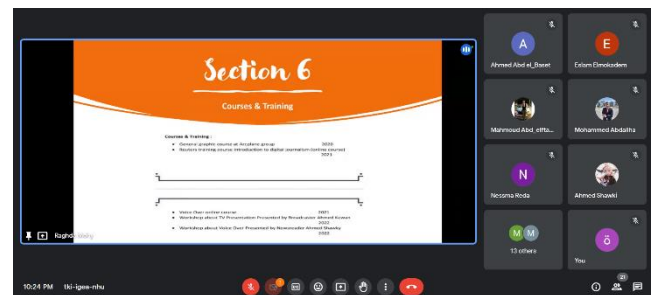
Online Program for chapter members who concerned to website development.

Topics:

- Python.
- HTML, HTML5
- Java Script
- CSS, CSS3

Instructors:

- Mr. Mohamed Tarek, IT Head 2022-2023.



✚ MA Lead your time

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

Topics:

- How to make your daily plan.
- Put flexible plan.
- Classify your interests.
- Writing your goal plan.

Instructors:

- Eng. Amr Salah, personal trainer.



✚ Being Fluent in English:

Online on zoom application, the course consists of eight sessions.

Place:

- online

Instructor:

- Mr. Mostafa Abdelsabour



Interviewing skills

An online lecture about interviewing skills and what skills are required for passing any interview.

Place:

- Online on Zoom.

Instructor:

- Dr. Cherine Khatab.



Manage your University Years

An online event about how to make use of your free time in university period to be qualified for labor market. This event was for all students in the university.

Place:

- Online on Zoom.

Instructor:

- Eng. Karim Nabil



How digital transformation influences our life

An online event about digital transformation and its influence on our life, and how we can benefit from it.

Topics:

- Artificial intelligence
- Digital marketing
- Social networking

Instructors:

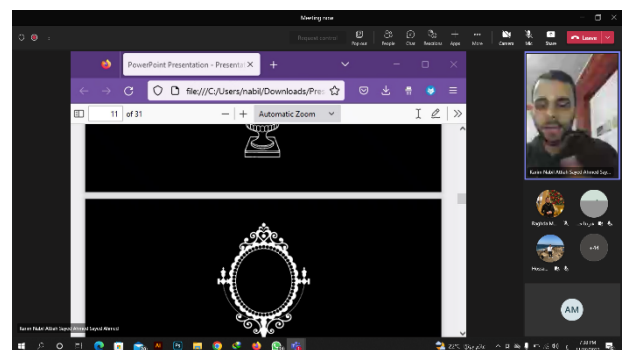
- Mr. Abdullah khodier
- Mr. Youssef Shawki
- Mr. Ghanem Ragheb

Leadership Program

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

Instructor:

- Eng. Ahmed Mersal, MA Suez President 2022-2023.
- Eng. Mohammed Abdelhamid, MA Vice President 2022-2023.
- Eng. Mohamed Bedier, MA Secretary 2022-2023



Services

MA SC SU believes that to build a unique brand, you have to reach all types of audiences 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.

Blood Donation Campaign

We participated in a blood drive campaign with the student union in our university under the supervision of the 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 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.



Sona3 Alhaiah Campaign

In association with the Sona3 Alhaiah Charity Association, MA assisted in a campaign to provide meals to the poor and needy in Suez Governorate, and this campaign was supervised by the Egyptian Ministry of Social Solidarity. MA members donated by giving money or helping to distribute meals to those in need during the month of Ramadan. The aim of this campaign is to achieve social solidarity among the groups of the Egyptian people.



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, they saw the new innovations and plans for the hospital to spread its role in treating cancer patients.

MA first pizza day

To entertain its members and spread the spirit of participation and interaction among them, MA organized a pizza day, where each member got a pizza and a drink. In cooperation with AIST, we got a refund for the day.



Resala visit

Volunteering is not only represented in student activities and helping students but also through charitable societies and their important role in activating our volunteering idea and its impact on society. Through this visit, we got to know each other, our idea of volunteering and the role of each of us in serving the community and the members.

Awareness campaigns

As we believe that the most powerful means of persuasion is talking and discussion, we participate in many awareness campaigns in co-operation with student's union at the campus of Suez University. The campaigns include Say No to Depression, Be Hopeful, No to drugs, and Fight Corruption.

Collecting Money for 57357

Fundraising for the Community Part of our service for the community included collecting funds for the 57357 hospital as it had a problem in the funds for children's surgeries. In Cooperation with Shamsia space, we put out a box to collect money from students and donate it to the hospital.

MA second pizza day

After the success of the first pizza day, MA repeated Pizza Day, this time some competitions and games were added to entertain students and introduce them to new and interesting information, and also in cooperation with AIST, we got a refund for the day.

MA Iftar Ramadan

Like every year, MA SU SC members participated with metallurgical 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.

Techne Summit Partnership

We make a partnership with Techne Summit in Cairo, and we provide 30 free tickets for our members. Techne is an exhibition about new technologies in our life. It was held for 3 days.



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.

✚ MA Opening 2022-2023

We make our opening offline in idea space Suez. Also, we make the first offline recruitment in the season at this ceremony. Every officer introduces his committee work.



✚ Outstanding Cermony

We celebrate with our members and the old high board and board of the last season on the occasion of being the most outstanding chapter for season 2021-2022

✚ MA Petroleum Welcome Party

MA made a welcome party for the new comer students in Faculty of Petroleum and Mining Engineering. Firstly, We gave them a lot of information about the faculty and its departments. 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.



✚ MA Metallurgical Welcome Party

As we welcomed our new students in our faculty, we had to welcome new students in our department metallurgy and let them know more about the department, its fields and MA chapter as it is related to material science and how the chapter reduces the gap between academic and practical life through sessions, courses, and conferences.



✚ MA Sports Day

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



MA General meeting

After receiving new members to the MA family after recruitment, we had to hold a meeting that included all MA members from the president to members to know each other, the role of each one in the entity, and to president's vision for the year.



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.



Expanding

After MA Suez gained the award of 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 had more than 5 recruitment campaigns, we visited 7 other faculties.

We made many partnerships with 4 Universities we gave them our experience and trained them to be more professional. Some of other chapters in different universities requested to make partnership with us in events, fairs, exhibitions, and conferences. We renewed our website and launched android app for MA Suez.

We make offline marketing campaigns to talk about MA, AIST, ACerS, TMS, ASM and our main products in all sessions or recruitment campaigns. MA Suez this year achieved more success and earned a good reputation.

Endorsement Letter



Department of Metallurgical and Materials Engineering

May 24, 2023

As the Advisor of the Material Advantage student Chapter at Suez University, it's my pleasure to give my highest authentication of the chapter and its many valuable programs and activities. The officers and members have truly exceeded all the expectations in their 8th year at our University.

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

They complete the great success of the Career Development Conference which discussed different paths that a graduate can have after graduation and prepared 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 the Metallurgy Around the Globe Conference organized in a highly professional manner, they managed to make a partnership with three other chapters from Canada, Mexico, and India. They managed to get speakers from more than five different countries.

They have done a great job in the organization of the Metallurgical Career Development Conference at the Faculty of Petroleum and Mining Engineering. They managed to get speakers from well-known companies such as RHI Magnesita and Khalsa Petroleum Company, with an audience exceeding 150 students.

They participated in the organization of the first students conference in the faculty of Petroleum and Mining Engineering Suez University, and they were very active and helpful during the organization and during the conference itself.

Also, they published the 8th issue of Spectrum, which is amazing and received a great impression on the students and professors in the Faculty of Petroleum and Mining Engineering and Suez University.

Besides the technical activities, the chapter has also sponsored and contributed to many social events and participated in many charitable events like the Resala visit 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 have 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