



ARCH-Y

DEPARTMENT OF ARCHITECTURE

"WHATEVER GOOD THINGS WE BUILD
END UP BUILDING US"

– Jim Rohn

COLLEGE OF ENGINEERING AND
ARCHITECTURE

ISSUE 1
2021-2022



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ABOUT US

College of Engineering & Architecture

A College of Engineering and Architecture (CoEA) offers a bachelor degrees in engineering and architecture with major options, in the area of Architecture, Software Engineering Network Engineering & Security, and Industrial Engineering.

Vision

To be an educational icon for Engineering and Architecture in KSA and neighboring countries.

Mission

To provide an outstanding education and innovative scientific research to enhance the field of Engineering and Architecture in the region

OUR TEAM

Dr. Hessah Alsalamah

Dean

Dr. Hessah Alsalamah is the Dean of the College of Engineering and Architecture, and the Acting Dean for the College of Computer and Information Sciences at Al Yamamah University. She is the Chair of both Colleges' Council, a member of the Dean Council, and Al Yamamah University Council. Dr. Hessah is also a faculty member in the College of Computer and Information Sciences and Consultant of King Abdullah's Institute for Research and Consulting Studies at King Saud University.

Dr. Dalia Abdelfattah

Head of Department

Dr. Dalia Abdelfattah is an architect and researcher in urban affairs. Dalia is an assistant professor and a researcher in UN-HABITAT Programme of Planners for Climate Action. Currently, working as Head of the architecture and interior architecture department (AIA), faculty of engineering and architecture (COEA), Al Yamamah University. In 2018, she obtained her PhD from Cairo University, Egypt, about how to motivate local community to participate in conservation programs.

Dr. Ibrahim Abdelhady

Assistant professor

Dr. Ibrahim Abdelhady is an assistant professor in the faculty of Engineering and Architecture (CoEA), Architecture Department. Previously was in Virginia Tech (USA), Alexandria University (Egypt) and the American University of Cairo (Egypt). He obtained his BS in the architectural design, Alexandria University, Egypt, 1993-1998 (V.Good with Honor). He has Two PhDs in Architecture in the Digital Design and Building information management (BIM).

Dr. Majdi Alkhresheh

Assistant professor

Majdi Alkhresheh, Ph.D. is an assistant professor in the faculty of Engineering and Architecture (CoEA), department of Architecture and Interior Architecture (AIA). Previously was the Chair and Assistant professor of architecture in the Department of Architectural Engineering, Alhosn University, Abu Dhabi UAE. Prior to that, Alkhresheh worked as assistant professor in Jordanian University of Science and Technology, Mu'tah University and Al-Isra' Private University in Jordan.

Dr. Mayas Ahmad

Assistant professor

Dr. Mayas is an assistant professor in the Faculty of Engineering and Architecture, (COEA), Department of architecture and interior architecture (AIA), her research interests include: architectural design, heritage conservation, urban design, landscape design & urban planning. She has more than 14 years of professional experience in teaching university-level courses, practice, and services projects that include projects in the area of construction, landscape projects, and heritage conservations.

Dr. Rahma Doheim

Assistant professor

Dr. Rahma Doheim is an assistant professor in Architecture. Dr. Doheim has taught and practiced architecture in the USA, UK, and in the Middle East. She received her Ph.D. in the Built Environment from the University of Ulster in the UK, and her Master from the University of West Virginia in the USA. Her research interests lie in Architectural pedagogy, smart cities, Sustainable Mobility, and future city.

Mr. Anas Hussein

Lecturer

Anas Hussein is an Architect with a demonstrated experience of working in the education industry. Mr.Hussein joined YU as a lecturer since 2018,he is skilled in Sustainable Building Design. Strong research professional with a Master of Science (MSc) focused in Sustainable Buildings and Environments from Newcastle University.

Mr. Abdullah

Elshafie

Lecturer

Abdullah Elshafie is an architect who comes from a long line of architects. He is the fifth generation of architects in his family and third generation to teach architecture in Saudi Arabia. He is passionate about architecture especially in the fields of lean construction and construction contracts. He is also interested in the field of construction and risk management.

Ms. Noor Tayeh

Lecturer

Noor Tayeh is a lecturer in the faculty of Engineering and Architecture (CoEA), department of Architecture and Interior Architecture (AIA). She obtained her B.Arch. in Architecture from The Islamic University- Gaza in 2007, and her MSc. in Architecture, from Jordan University of Science and Technology in 2012.

Mrs. Lara

Rahim

Lecturer

Lara Is a highly committed lecturer with a great experience in teaching. A subject matter expert in civil engineering with more than two years hands on experience in the construction field.

A master's degree holder in structural engineering and minor in geotechnical engineering from the University of Balamand, Lebanon.

Ms. Alhanoof

Almadany

Lecturer

Alhanoof is a graduate of Bachelors of Science from Philadelphia University (Jefferson University). The program was fully accredited by the Council of Interior Design Accreditation (CIDA), and the school was ranked among the top 10 of Design Intelligence in the nation.

Ms. Mahasen

Alqahwaji

Demonstrator of Architecture

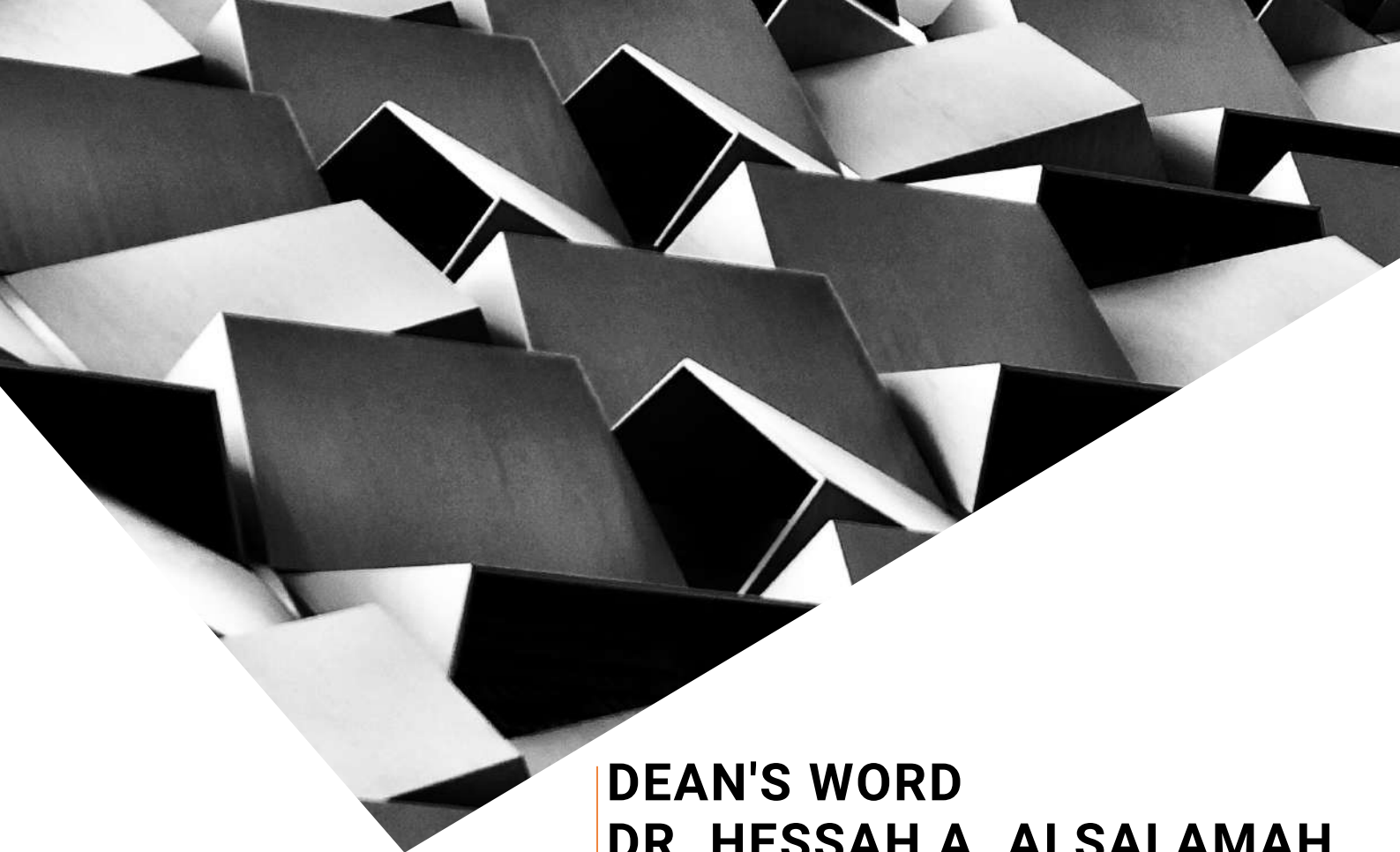
Mahasen Alqahwaji is a Teacher assistant – College of Engineering and architecture, Al Yamamah University. She obtained her bachelor's in architecture engineering from Prince sultan university, KSA, in 2017. Her fields of interests are: Design, creativity, landscape and environment.

Mrs. Esraa

Samman

Lecturer

Esraa is a Saudi expat architect. She studied in Cairo, Boston, & Berlin. She obtained her bachelor & master degrees in Architecture from Wentworth Institute of Technology in Boston. She has worked in various fields as a designer, estimator, faculty member research assistant, and construction site volunteers' supervisor. She has been passionately involved in construction volunteering programs.



DEAN'S WORD

DR. HESSAH A. ALSALAMAH

Our College has come a long way since its establishment in 2014. Today, the College of Engineering and Architecture is comprised of three departments: Department of Architecture, Department of Computer Engineering and the recently established Department of Industrial Engineering. These departments offer four accredited B.Sc. programs: Architecture, Network Engineering and Security, Software Engineering, and Industrial Engineering. Our curricula for all programs combine a strong theoretical background with hands-on experience in excellent labs and most importantly, we emphasize close interaction with the outstanding faculty to create an atmosphere truly conducive to learning.

The College is also very active in offering short courses, workshops and seminars, which provide ample avenues to disseminate engineering knowledge to the local, regional and international community. Furthermore, the College organizes international conferences in various engineering fields, which attracts international researchers and provides them with a conducive environment in which knowledge, research findings can be shared, and new ideas can be discussed, hence promoting and strengthening a knowledge-based society.

CHAIRWOMAN WORD

DR. DALIA ABDAL FATTAH

The spirit of the architecture academic life is about passion, knowledge, creativity, and engagement. I strongly believe that continuous improvement & self-evaluation are the keys to successful learning environment.

Within our Architecture and Interior Architecture department (AIA) it is what guide us in our everyday University life of teaching & research.

Our AIA philosophy is about setting high university standards for our students, and try to maintain, a very lively, engaged, and interactive classrooms.

What, personally, drives me is to retain continual personal contact with my students, where I can approach a constructive impact, with honest imprint, to guide them through life experience. As teaching is not just about lecturing; it is much more about presenting passion, concepts, ideas, and empirical materials, in a way that allow our students to integrate these informations into their academic life and future career experiences.



PROGRAM INFORMATION

The Architecture Program at YU is specially oriented to graduate architects and interior architects with comprehensive knowledge, problem-solving skills, and innovative abilities to produce architectural solutions that are sensitive to human needs and local cultural distinctiveness. The department mission is to enable the rising generation to shape a future marked by positive social and economic progress, the department of architecture is devoted to engaging students in the process of gaining the artistic, scientific, cultural, and technological knowledge upon which they systematically use critical thinking, develop analytical abilities, and master technical skill, to synthesize sustainable and aesthetically-exceptional architectural solutions. The department vision is to be one of the best architectural departments in the Kingdom, and to gain and sustain national and international recognition.

PROGRAM OBJECTIVES AND OUTCOMES:

- Strengthen core areas of focus within the program and track advancements in the comprehensive architectural technology and research.
- Elevate the profile of the program through providing the highest educational standard
- Attract and retain a diverse faculty and staff of the highest academic and professional experience.
- Establish a strong relationship between the department and the community
- To graduate professionals who have high efficiency in a wide range of professional practices.
- To fulfil the growing demands on architects in Saudi Arabia and the neighboring countries.
- Fostering interdisciplinary educational environment.
- Incorporate active learning strategies that promote student participation into the education process
- Improve the facilities and resources to support high quality learning, research and work environments.
- Providing student support and guidance to enhance the learning experience through.



“

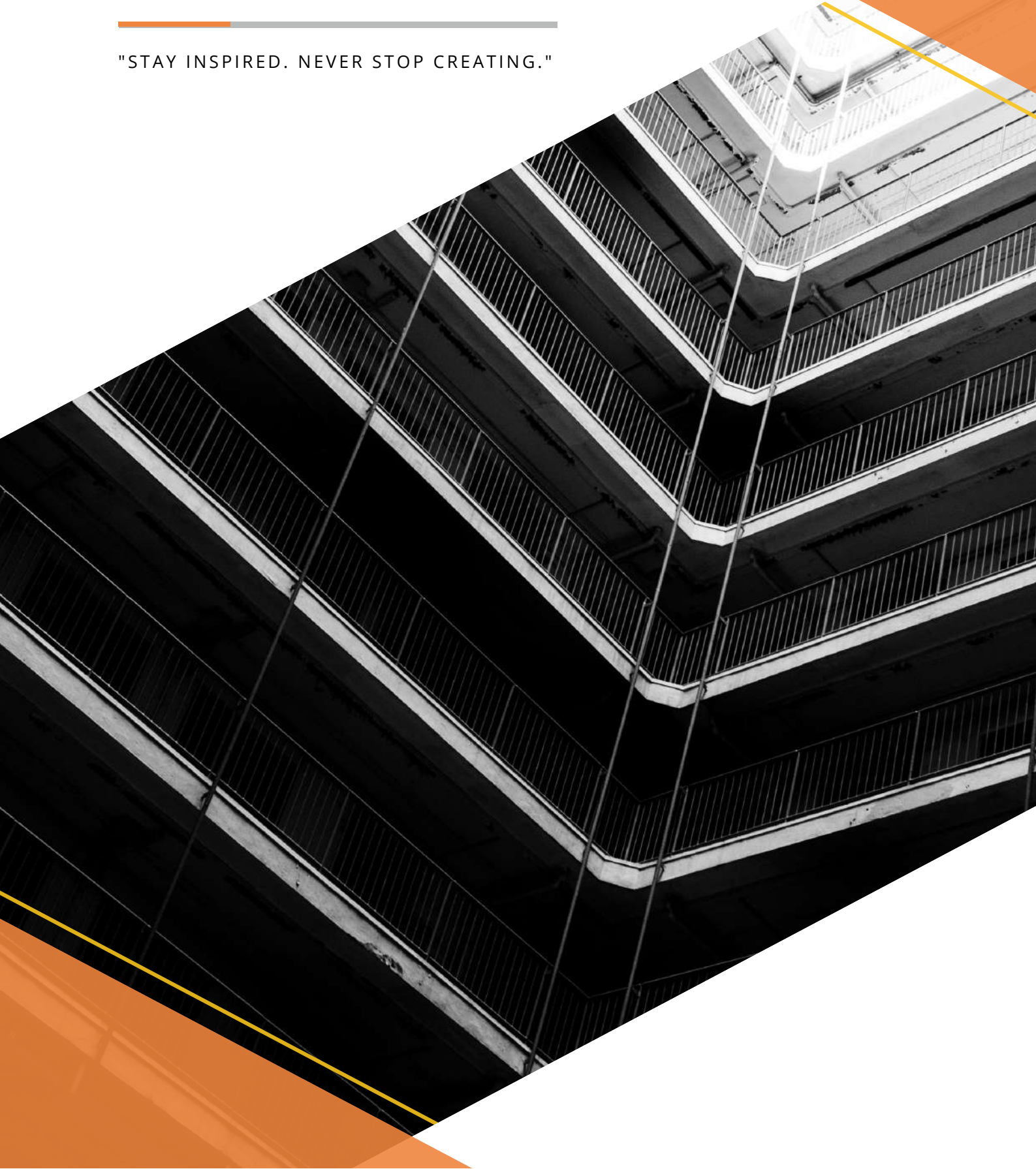
SHAPING LEADERS OF TOMORROW

”

– AL YAMAMAH UNIVERSITY

DEPARTMENT EVENTS

"STAY INSPIRED. NEVER STOP CREATING."



NATIONAL DAY WORKSHOP

Associated with YU architecture club, the department organized a drawing workshop with Architect. Nuno Rebelo to present a large painting that reflects a modern Saudi identity.



The workshop was held with the participation of 30 students where the Nuno showcased few drawing and rendering techniques to all students allowing them to experiment on a small scale.



Students Work

Students were asked to present the taught techniques in a form of national day artwork.

GUEST SPEAKER



Due to the importance and value of preservation projects in architecture, the department hosted Eng. Badr Alhamdan to conduct a lecture on practical models for urban heritage projects in KSA. The lecture targeted architecture students from all years exploring the value of historical landmarks around the kingdom.

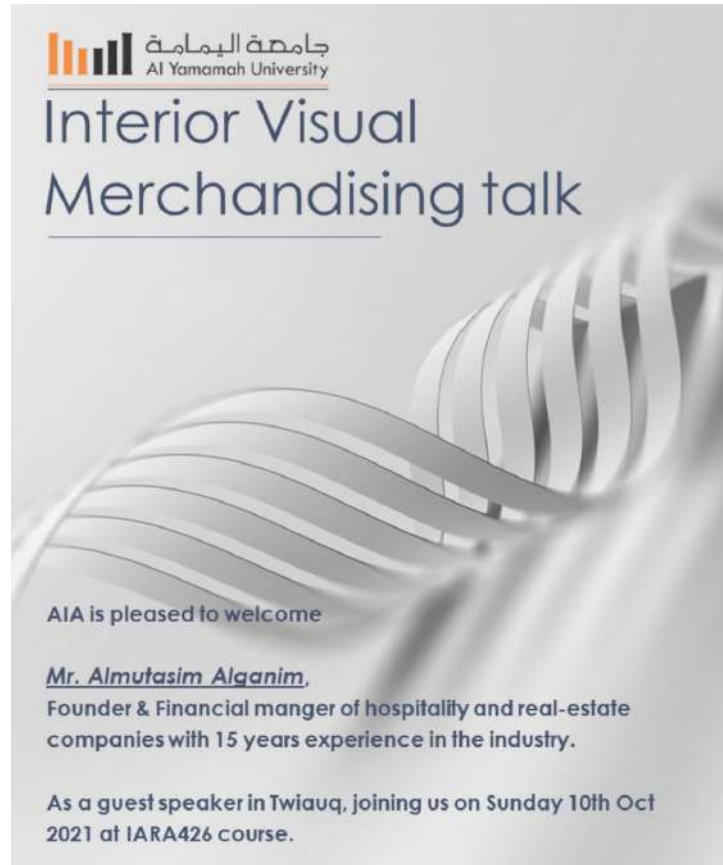


Eng. Badr Alhamdan

Eng. Badr reflected the mission of the ministry of culture to students in preserving local Saudi identity in buildings and major challenges a young architect will take to maintain a balanced urban surface that combines modern needs of users with cultural identity.

GUEST SPEAKER

As part of the visual merchandising course, the department of architecture hosted Mr. Almoutasim Alganim to address main aspects of branding a start-up business and the challenges that faces pioneers today.



Mr. Alghanem

Mr. Alghanem introduces his perspective of how the retail space design impacts on perceiving the brand as well as the overall experience of a customer psychologically, physically, & mentally resulting in higher demands of merchandise.

The lecture was targeting a group of students with basic knowledge of visual merchandising to support the discussion further.



GOOD THING

YOU SHOULD KNOW

A skyscraper in Manhattan with no windows, 29 floors with three basement levels, and enough food to last 1,500 people two weeks in the event of a catastrophe.

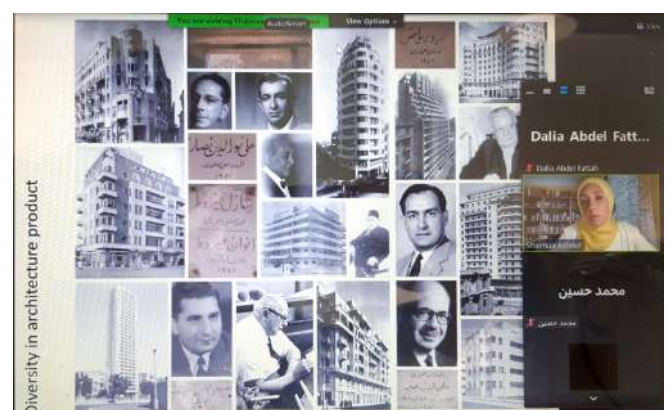
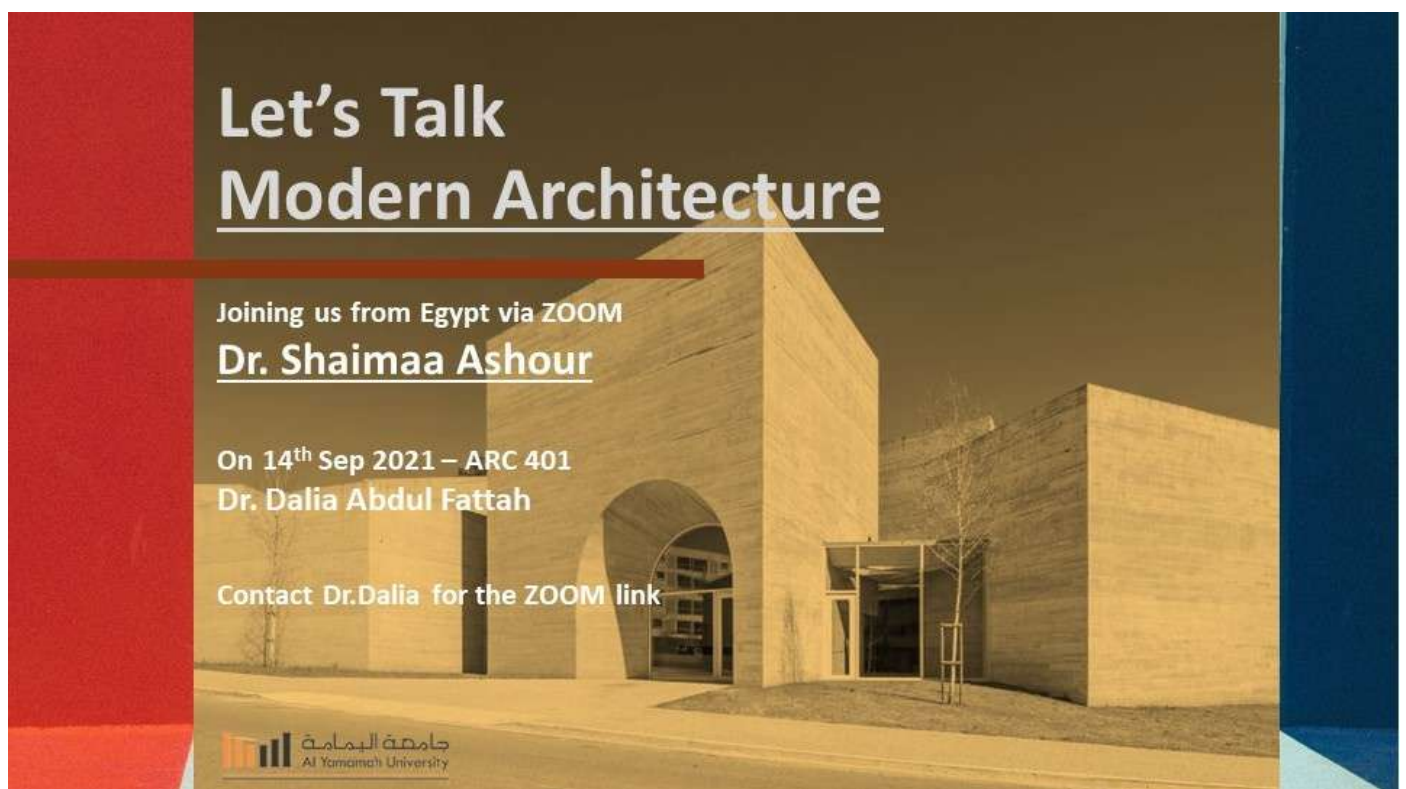
PROJECT X

DESIGNED BY THE ARCHITECTURAL FIRM JOHN CARL
WARNECKE & ASSOCIATES

REF:<https://theintercept.com/2016/11/16/the-nsas-spyhub-in-new-york-hidden-in-plain-sight/>

GUEST SPEAKER

Dr. Ashour introduces the topic of "Modern Architecture" through lenses of Diversity in architecture product as well as the Educational missions abroad and the affirmation of Egyptian architects in Egypt. She discusses these aspects regarding educational missions, sharing academic and practitioner fields, and their role in governmental institutes"

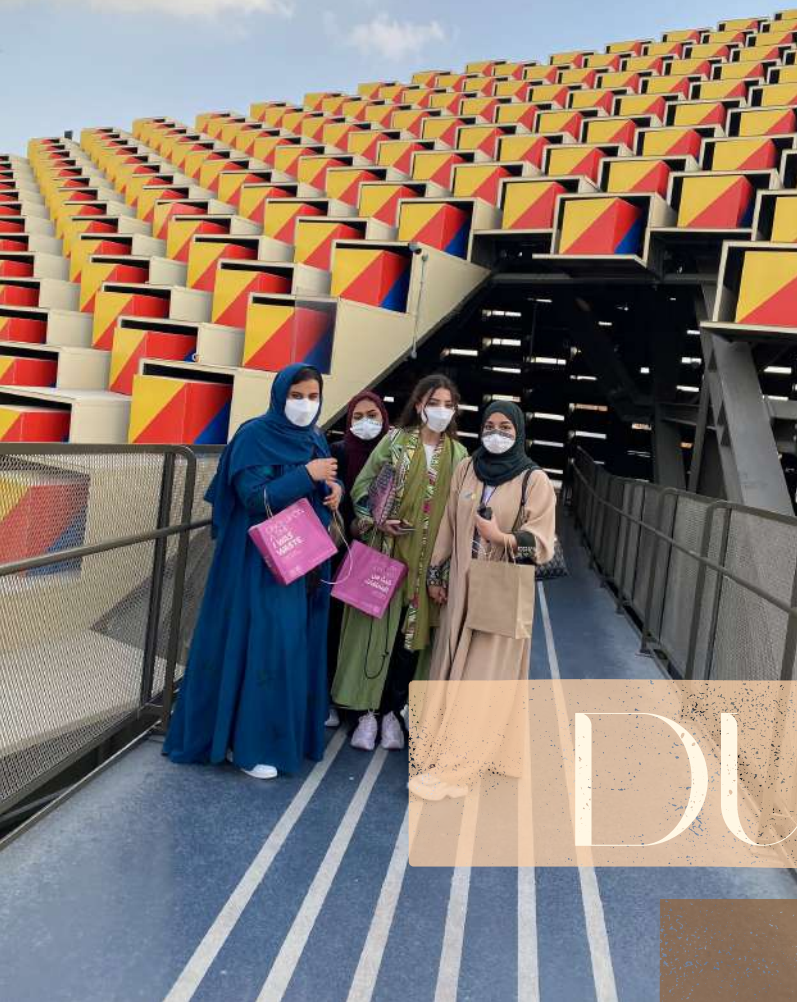


DUBAI EXPO TRIP

"Al Yamamah university focuses on outstanding education and innovative scientific research. Field visits and international trips aid the YU architecture students to increase awareness of the places around the world, interlink the theoretical knowledge with the practical field, and teach its significance.



The Architecture department at YU organized an architecture educational trip to EXPO2020, which contains countless architectural marvels in one place – including the world's largest 360-degree projection surface, 90+ uniquely designed pavilions and 200.000 sqm of future LEED Gold & Platinum structures".



DUBAI

EXPO

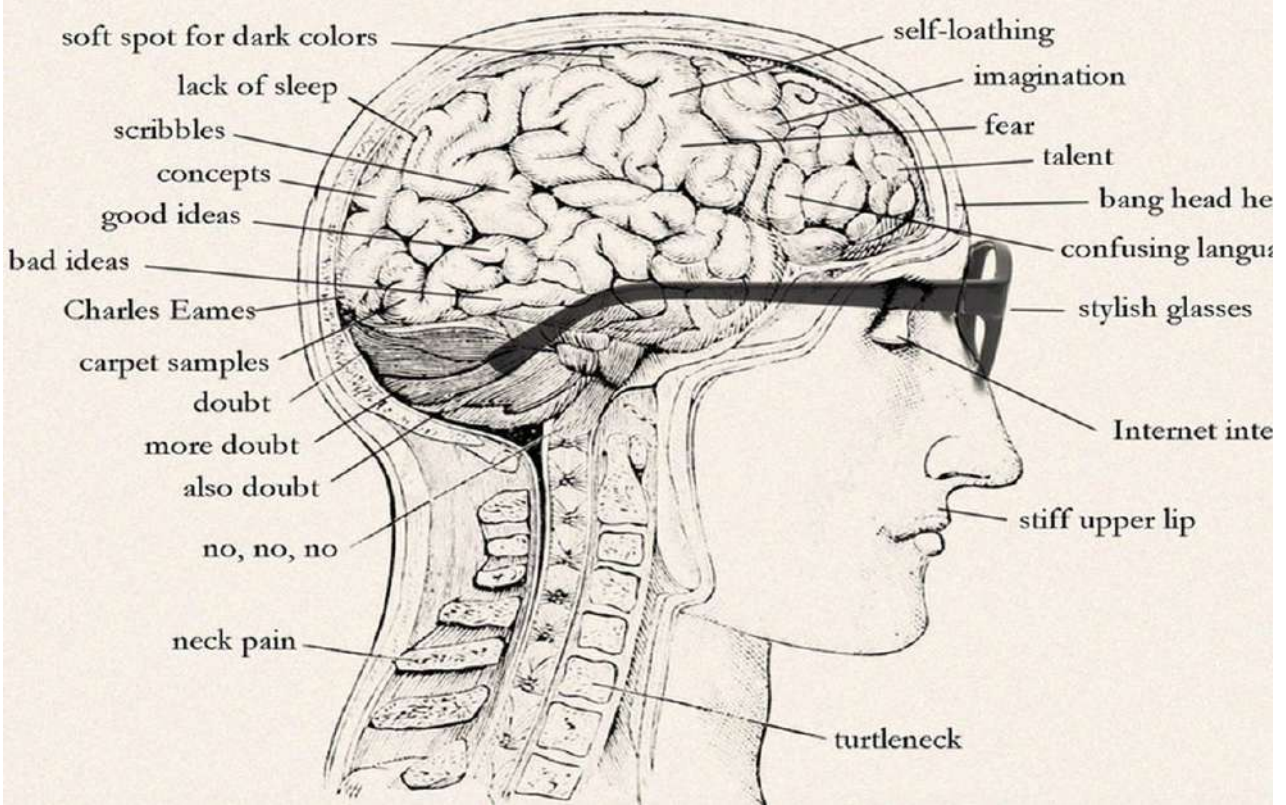
TRIP

2022



The Brain Of A Designer

ARCH - Y



ARCHITECTURE

SITE VISIT

Project title:

Urban Revitalization Proposal

Location:

Riyadh, Al Duhaira District

Instructors:

Noor Tayeh, Hatem Fares



Site Description:

The site is located in Riyadh's central area in Al Duhaira District. The area is part of the historical city center containing a number of traditional Arab mud houses.





SITE VISIT



BLOOM

WHERE

YOU ARE

PLANTED



JANUARY,
2022



PUBLIC LECTURE

Lumion Render Software

The lecture introduces LUMION 11 tools including libraries, materials, and landscape options. It also explains how to produce high quality renders.



LUMION is a rendering program that has revolutionized the 3D viewing software market due to its ease of use, as well as the speed and quality of its renderings. It is a program designed for architects, urban planners, landscapers, engineers, draftsmen, surveyors, interior designers, product designers and actually any professional in the design sector. It stands out, unlike other rendering programs for its intuitive interface and for the fact that it performs a preview of the render in real time, which allows working with a deep knowledge of how my transformations affect the model the moment they are applied.

GREEN RIYADH



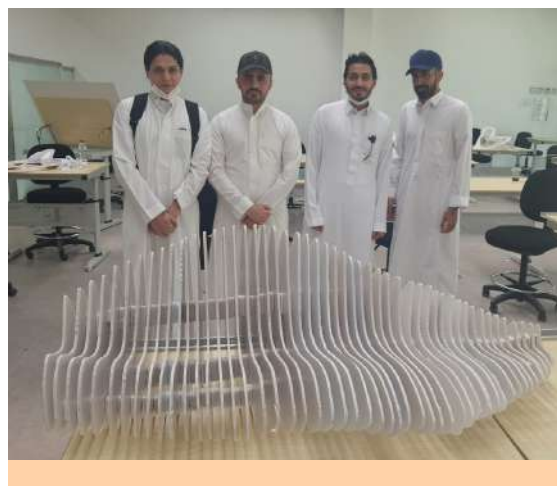
The architecture club have prepared an event inviting Eng. AlSaawy as a guest speaker, who is currently the planning & control manager in Green Riyadh.



The event brought such an exposure of Green Riyadh, which is one of the world 's largest integrated urban greening progra ams and its future vision for sustainability of 2030 providing our architecture students a good opportunity to learn about landscape and sustainable design.

MODELING WORKSHOP

The course Basic design studio 2 ARC111 deals with the basic concepts and fundamentals of visualization and the design of simple shapes and forms in two and three dimensions Presentation, communication and other basic visual skills including modeling out manually.



The workshop aimed to conduct a 1:1 model contains of serial planes, the shape was designed digitally through parametric tool and implemented manually,

DESIGN - STUDIO 4

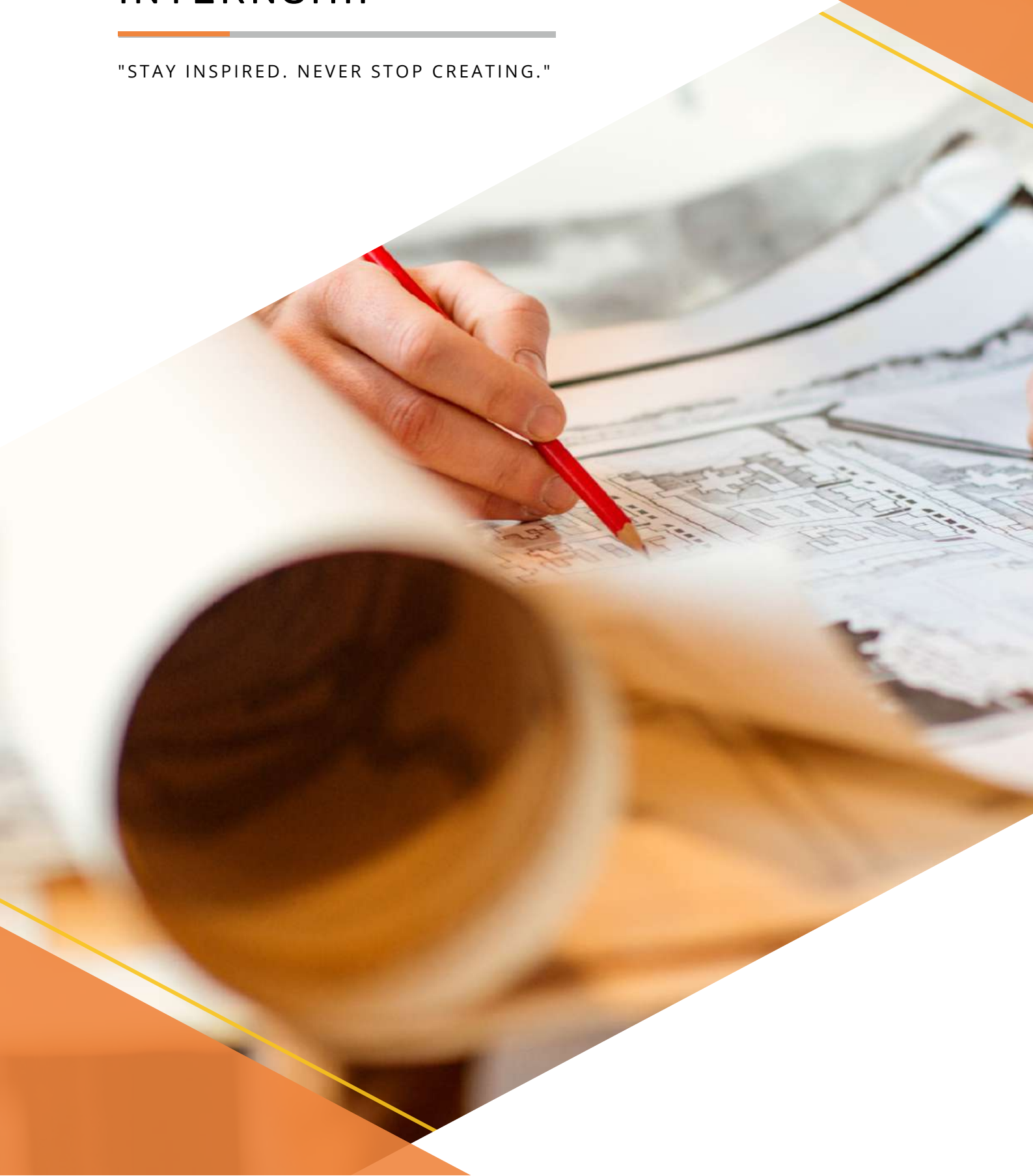
The architectural design studio IV program focuses on structural system methods of construction and building materials that affects and informs architectural design. the workshop was conducted over two sessions, each student was working individually, they were required to apply all their structure systems and components within a scale 1-200, for all the project functional spaces.



The physical model helped the students to understand the structure systems and the loads distributions in parallel to the architecture functions and requirements.

GRADUATES INTERNSHIP

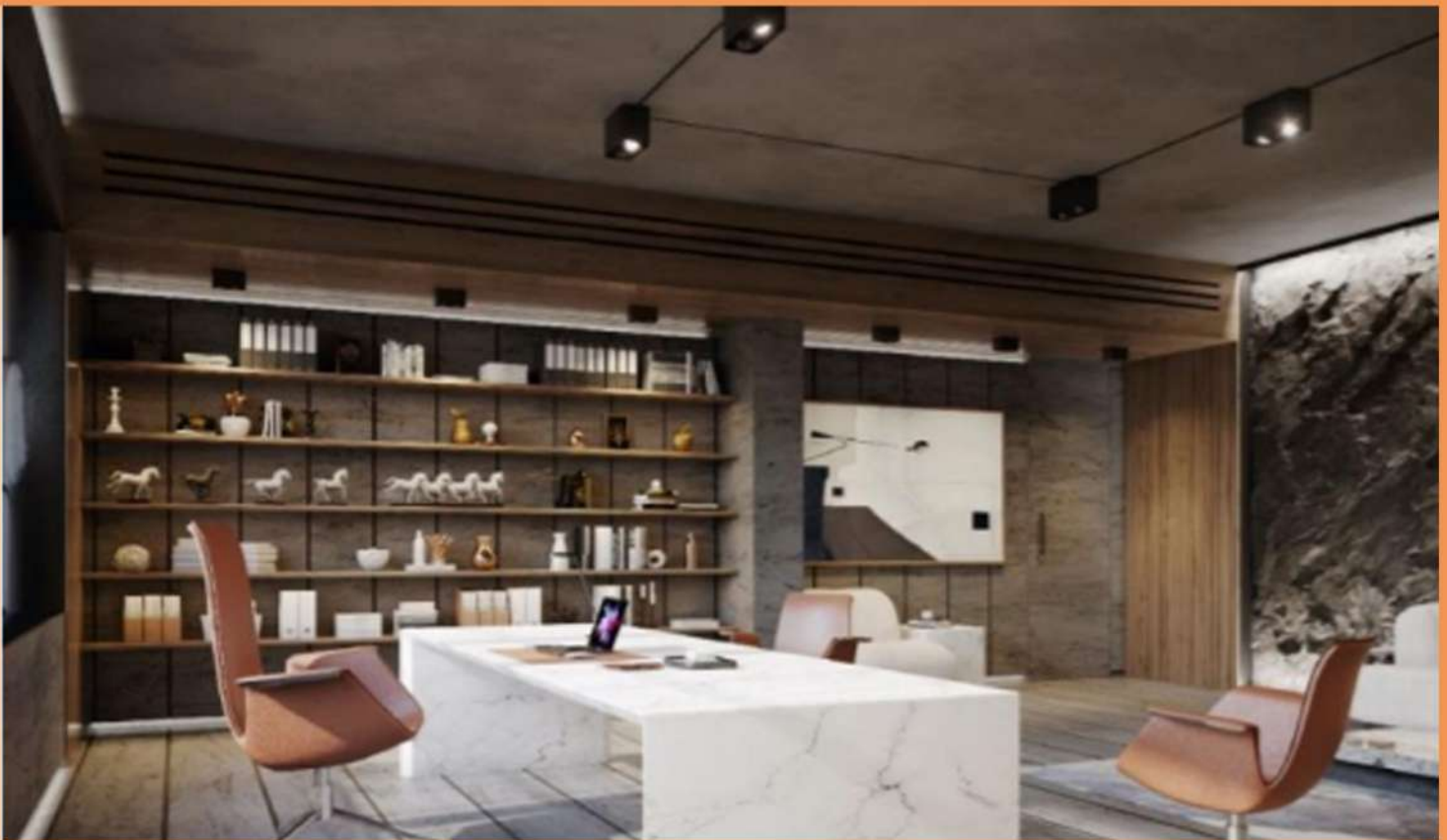
"STAY INSPIRED. NEVER STOP CREATING."






We are delighted to share insights on one of our alumnus Arch. Abdurhman who have been training at Saudi Arcan Consultants and complete his training on the 10th Dec 2021.

“ Courses at Al-Yammamh and the nature of given tasks helped me to prepare well for my professional life”
Abdulrhman



INSPIRING QUOTE

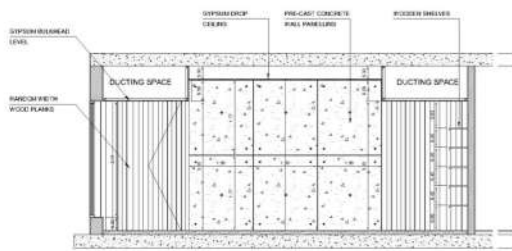


**WE SHAPE OUR
BUILDINGS; THEREAFTER
THEY SHAPE US.**

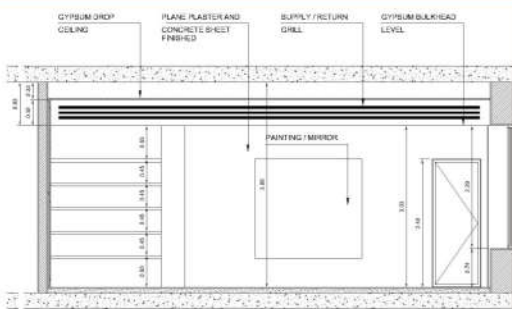
Winston Churchill

Saudi Arcan provides engineering and architectural design and supervision services for both private and governmental sectors. Also, it works in both residential and commercial sectors, and it has contracts with organizations and individuals. Its services cover the entire Kingdom. Some of the clients are as following:

- ☐ Public Investment Fund
- ☐ The Red Sea Development Company
- ☐ Ministry of Interior
- ☐ Decision Support Center
- ☐ NEOM
- ☐ Qiddiya
- ☐ Al Bawani
- ☐ Seder Group
- ☐ Shargiya Chamber
- ☐ CU café
- ☐ Some private villas
- ☐ Some showrooms



01 ELEVATION - A'
OFFICE 01
Picture 2- 10



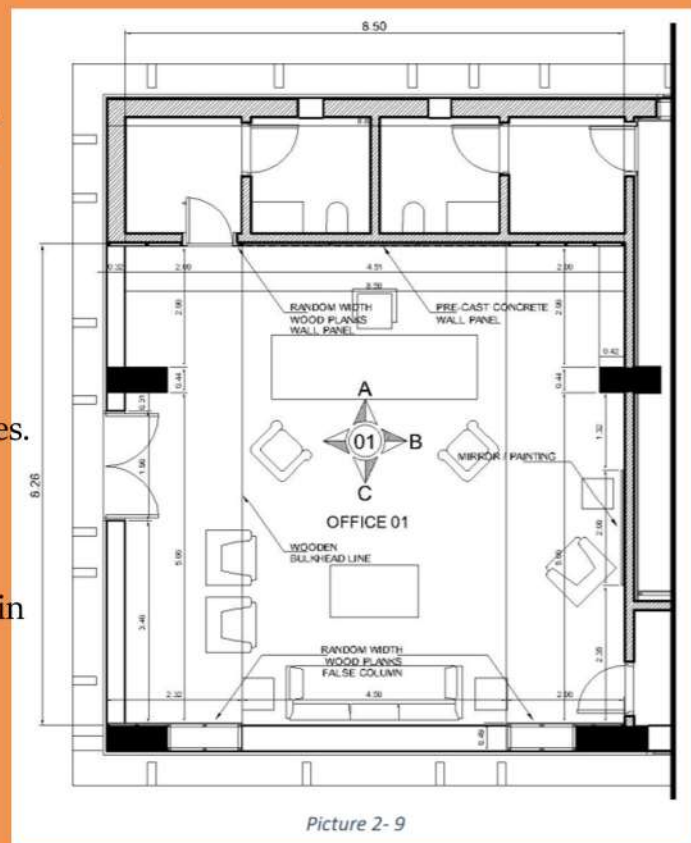
01 ELEVATION - B'
OFFICE 01
Picture 2- 11

Abdulrhman was assigned to three main projects during his training, his role was to be involved in the design and execution processes. Those main projects were:

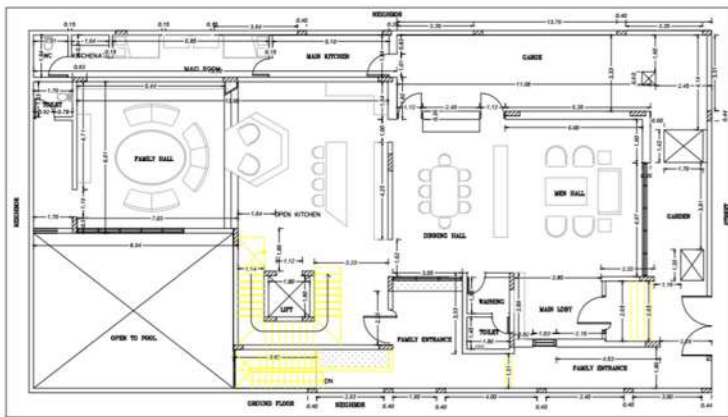
1. Private Villa in Malaqa Dist.:
Interior design project.
2. Seder Group,
Interior design and supervision of the executive offices.
3. Al Bawani Company New Building,:
Interior design project.

The variety of assigned projects helped Abdulrhman in shaping his skills mainly in relation to:

- As built drawings and measurements.
- Clients' negotiations and contracts.
- Supply chain and contractors monitoring.
- On site quality assurance.



Picture 2- 9



GROUND FLOOR PLAN
1:100

Picture 1- 14



Picture 2- 17



Picture 2- 7



Picture 2- 22



Picture 2- 18



Picture 2- 6



Picture 2- 2



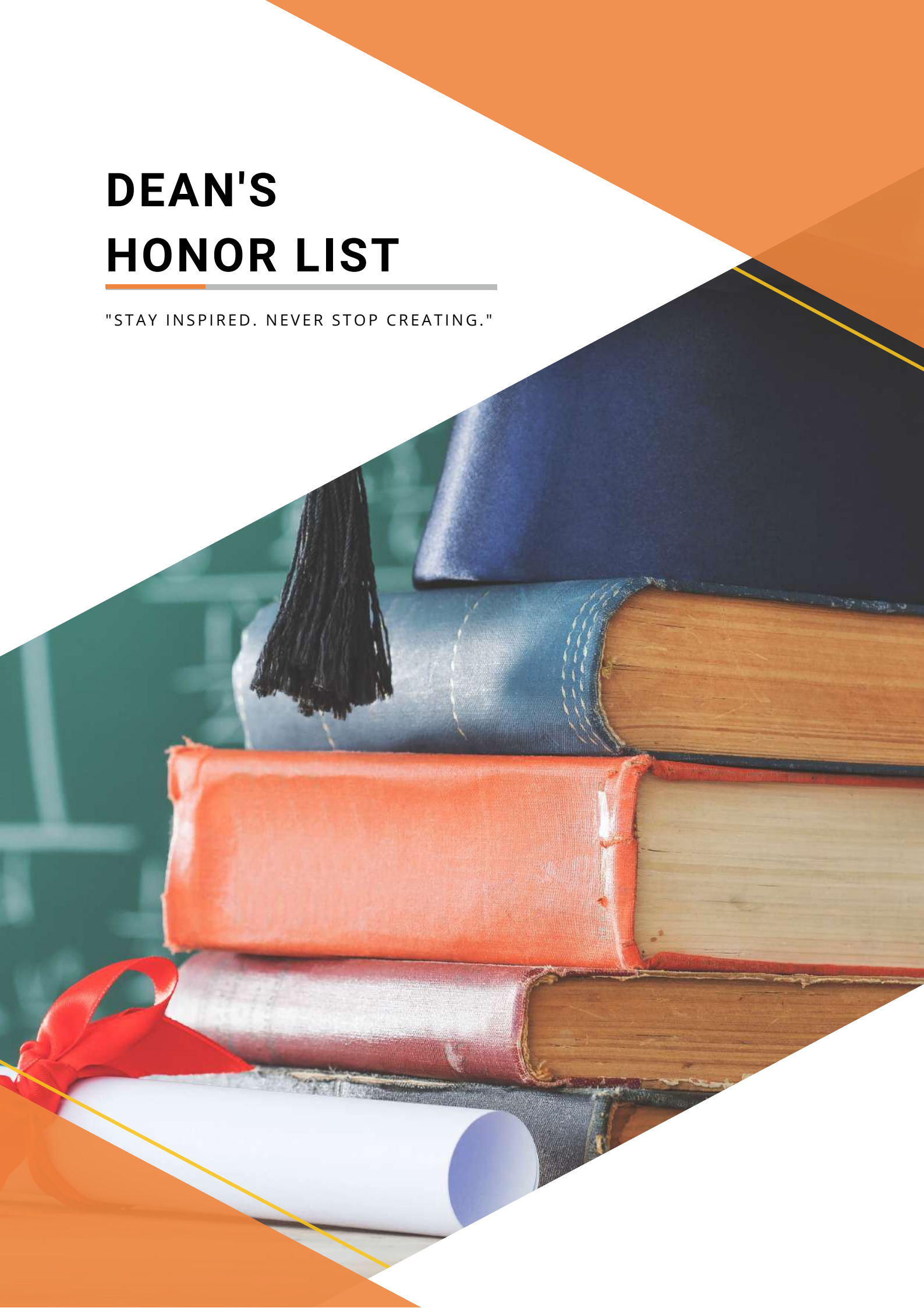
Picture 2- 8




Picture 2- 16

DEAN'S HONOR LIST

"STAY INSPIRED. NEVER STOP CREATING."





**ARCHITECTURE IS NOT BASED
ON CONCRETE AND STEEL, AND
THE ELEMENTS OF THE SOIL.
IT IS BASED ON
WONDER.**

Daniel Libeskind

Dean's honor list

Spring Semester 2020 - 2021

- ABDALLA YASSER ABDALLA ABOURAHMA
- ABDULAZIZ MOHAMMEDWALEED M SINJAB
- ABDULAZIZ YAZEED M ABUTHNAIN
- ABDULLAH MOHAMMED A ALHATLANI
- ABDULMONEM MOHAMMED E ALABBAD
- ABDULRAHMAN HANI ABDULLAH ABURAHMAH
- ABEER MOWAFFAK MOSTAFA ALRAYES
- AFRAH SALEH ABDULLAH BEN GUBAER
- ALWALED HUSSEIN M ALBAIK
- BASEM REYAD MAHMOUD FAYAD
- BTOOL SAMI KHAZAL ALJIASIM
- DALAL ABDULLAH ABDULRAHMAN ALSUGHAYER
- DANAH SAMRAN A ALYAMI
- DHUHA SHAKER SAEED ALSAIF
- DIALA HUSSAM AHMED ABUDHALFA
- ELYAS SALEH MOHAMMED BATTAWI
- ENAS OSAMA AHMAD ABDELWAHAB
- FADWA MEDHAT MOHD BSAESO
- FAHAD AHMED ABDULRAHMAN ALMOHAYA

Dean's honor list

Spring Semester 2020 - 2021

- FARAH MOHAMMAD A ALRABEAH
- FARES AWADH S ALAMRI
- FARIS OSAMA ALMOUAD ALAZEM
- GHAYOUD HATHAL SULTAN ALSHIBANI
- HADEL ESSAM SAIL ALMUTAIRI
- HALAH ABDULRAHMAN ABDULLAH ALLABUN
- HNOUF HAZAA MOHAMMAD ALTERKAWI
- HUSSAIN WALID HUSSAIN HEJAZI
- JANA TAYSEER ABDULRAHMAN ABUSHARAR
- KHALID FALEH K ALHARTHI
- LAMA NAFEZ HAMADA ELNUNU
- LAMIA ABDULAZIZ ABDULRAHMAN ALSHUWAIER
- LAYAN ZIAD AHMAD MAALI
- LEENA AYOUB AHMAD ABU SHMAIS
- LINA JAMIL AHMAD ALHANINY
- MOHAMMED HUSSAM JEHAD ALSAQQA
- MOHAMMED IBRAHIM S ABAHUSSAIN
- MOUTAZ ABDULAZIZ A ALSANIA
- NABIL SALEM YAHYA AHMED

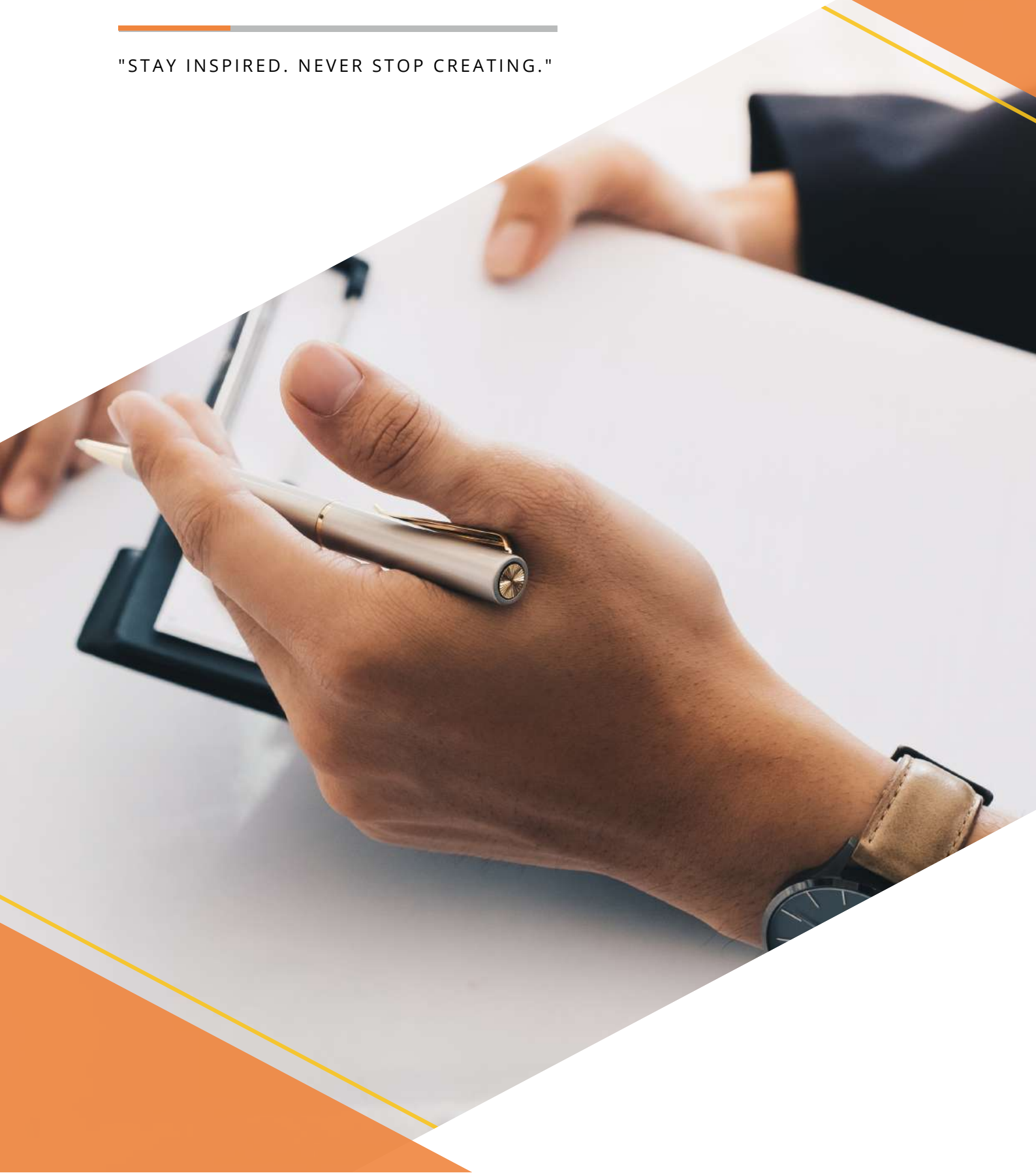
Dean's honor list

Spring Semester 2020 - 2021

- NADIA RAED HISHAM MANSOUR
- NAJA IBRAHIM ADAM ABUGIBBAH
- NAJD WASEEM RASHID ALGAHS
- NASSER ABDULLAH ALI ALRABUOI
- NASSER MOHAMMD NASSER ALOBAID
- OMAR A A ABUHASNA
- OMAR RAED A ELSAADOUNI
- RAGHAD ABDALRAZAK OMAR ALSAYYAD
- RAGHAD FAHAD IBRAHIM ALDUBAYYAN
- RAGHAD ZYAD ADNAN HANIFA
- RAHAF AMAN ABDULLAH ALKHALID
- RAHAF MASOOD N ALGAHMI
- RAKAN GHASSAN ABDRABOU ABOUDAKKA
- RANEEM MOHAMMAD MOUSA MABROUK
- RANYAH YAHYA IBRAHIM ALJAMAL
- RAWAN ZOHIR REYAD ABOALMAGD
- REMA THAMER S ALDGHITHER
- REMAN SAAD ABDULLAH ALSAEEDI
- RITA EMAD RAJA ALFUQHA

INTERVIEW

"STAY INSPIRED. NEVER STOP CREATING."



CIVIL VS ARCHITECTURE

Mohammed Aljuhani is a civil engineer graduate from Wentworth Institute of Technology in Boston, Massachusetts, in the USA. He is a business partner of YT Design Company for Architectural & Interior design. In addition, he is currently teaching some architectural courses in Princess Norah University in Riyadh.

Did you have to study architecture & interior design before becoming a business partner?

I did not study architecture or interior design academically, but I was always exposed to the architecture field throughout my studies, which I became very interested in and started self-educating myself. In addition, I have worked in an architectural & interior design firm and that is where I gained my experience in these fields.

“Interior design is a mix between emotions & practicality, which are reached through using some design elements such as colors, lights, materials, textures,..etc”



What is the overlap between civil engineer & architecture in your experience?

Civil engineer & Architecture overlap where both are addressing environmental factors, site considerations and specifications, structural aspects on a grid formation regarding the circulation flow.

HOW DO YOU FIND IT WORKING WITH ARCHITECTS?

- Working with architects is such a creative experience, where they always need to not only acknowledging the surrounding changes regarding the finishes materials & fixtures, but also adapting their designs to the environment, client demands and furthermore needs to always foresee the clients' future needs.
- "Architects are the physiatrists for building's inhabitants. With their good designs they can transform the spaces into a healthy environment and vice versa."

WHAT IS YOUR RESPONSIBILITY AS A BUSINESS PARTNER?

- My responsibility as a business partner involves always preforming up to a high standard that reflects our company's name & image and making our clients happy. For a successful business reputation, we thrive to constantly develop as a business and be in communication with our consultants' updated products.

TELL US ABOUT YOUR EXPERIENCE TEACHING ARCHITECTURAL COURSES?

- Teaching is a learning experience that taught me a lot about appreciating the unseen dimensions, which is called a void space as an architectural term, and how the space can be used to its advantage by creating a balance with the lighting and solids contained. Teaching architectural courses connects one to the environment by studying the natural elements, building materials and building construction methods.

STUDENT'S WORK

FALL 2021

"STAY INSPIRED. NEVER STOP CREATING."



DES 101 : TEXTURE

INSTRUCTOR: MR. ABDULLAH ELSHAFIE

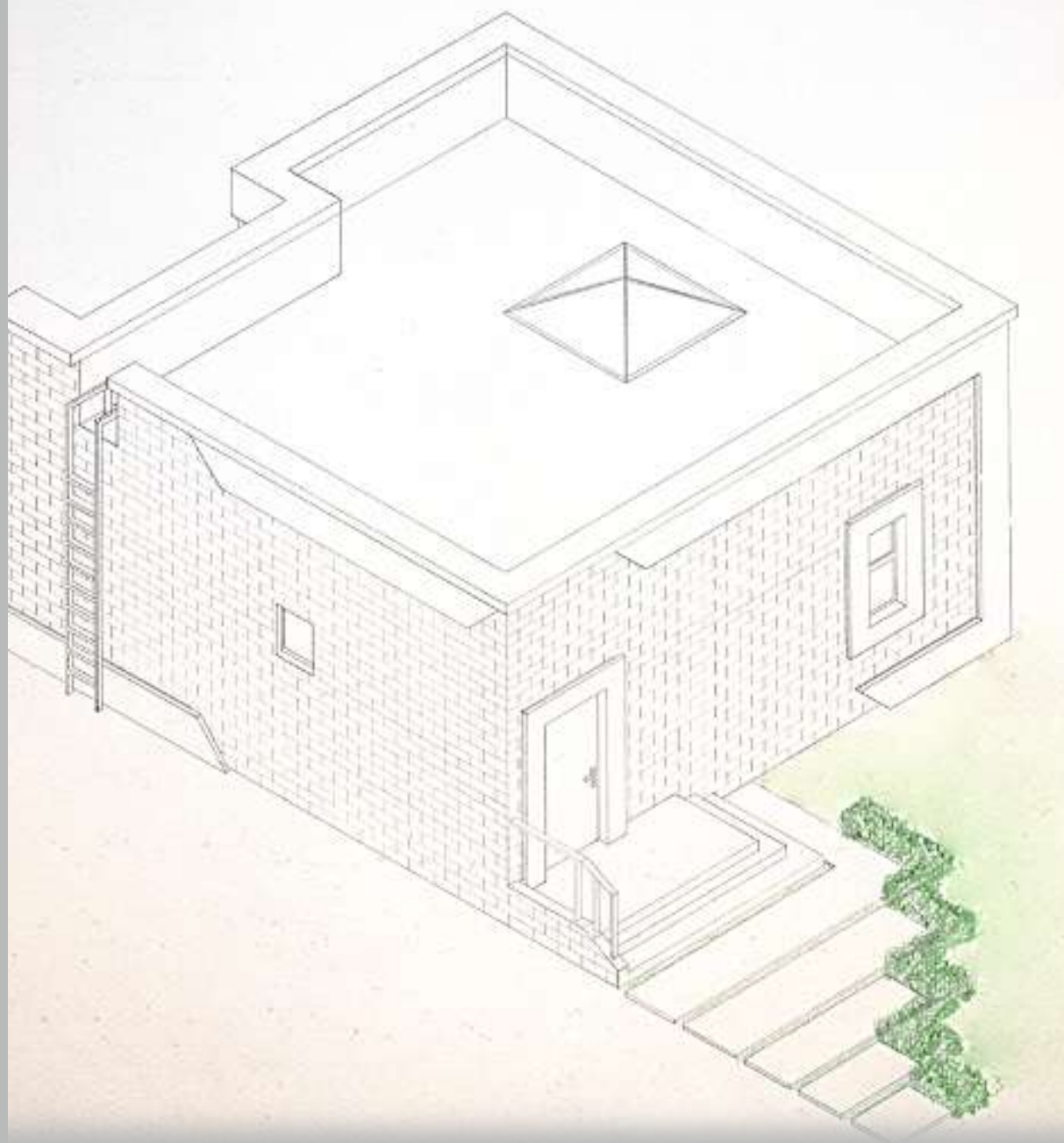


★ Concept

I got inspired by the amethyst rock, it looks from outside as a normal rock but from inside it looks so pretty and full of crystals. The amethyst rock doesn't look beautiful from outside at all but when you break it from half it shows a view that will make anyone impressed. In my work I used two kinds of texture which are, tactile texture in the crystals or the crashed glass in the middle and corners and visual texture in the colours which I made it using the pouring technique..

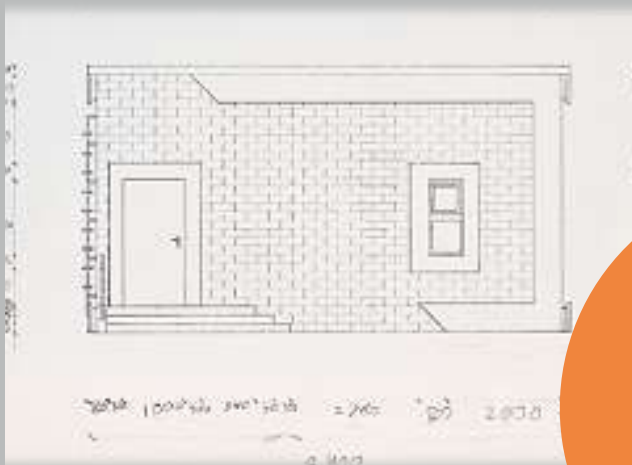
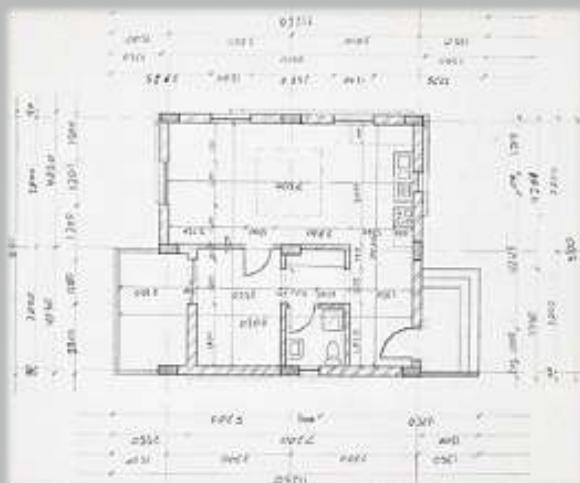
ARC 101: RESIDENTIAL

INSTRUCTOR MR. HATEM FARIS

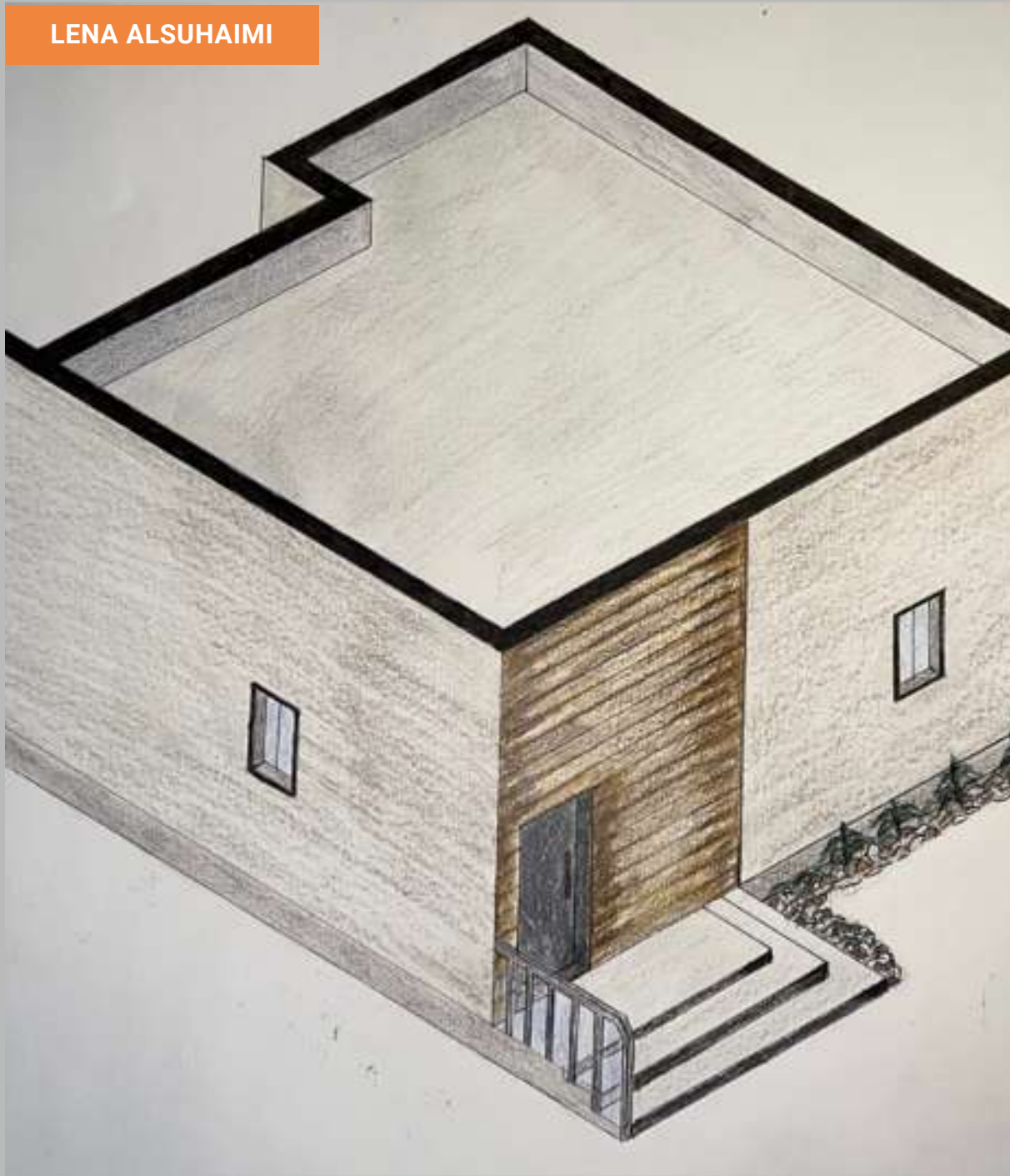


★ Concept

Modern designed apartment with an exterior made of white bricks and black cladding and hidden lights. The main entrance has stainless steel railing and black stone tiles in front of the main stairs.



LENA ALSUHAIMI

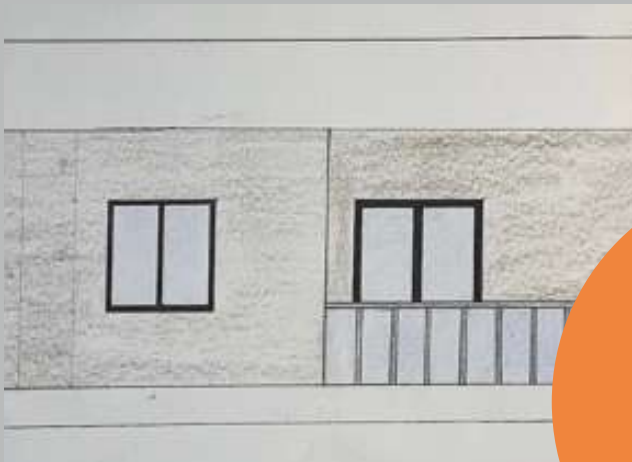
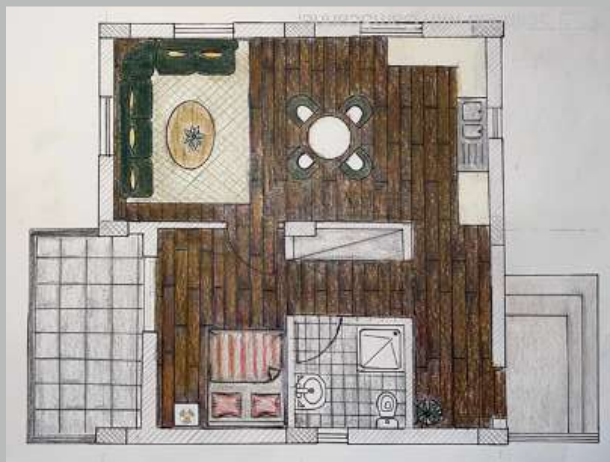


Arc 101: Residential

INSTRUCTOR: MRS. ESRAA SAMMAN

★ Concept

This house was made to be like a modern house with warm and light colors to grab your attention.



AHMAD RASHWANI



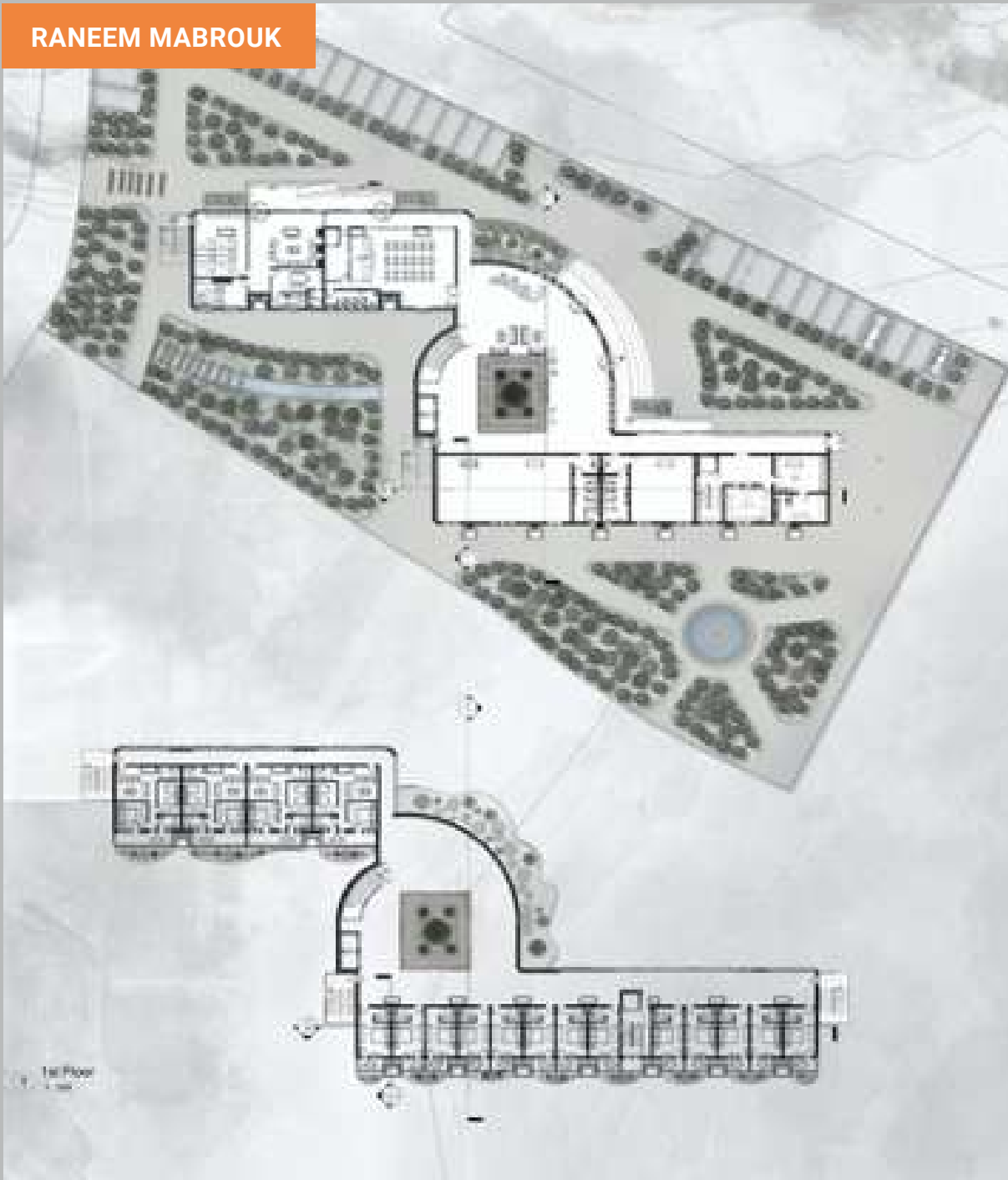
INSTRUCTOR: MR. ANAS HUSSEIN

ARC 201: RESIDENTIAL



ARC 301: MOTEL

INSTRUCTOR MR. DR. MAJDI ALKHRESHEH



★ Concept

the site itself and the environment of the location.



ARC 301: MOTEL

INSTRUCTOR MR. MS. NOOR TAYEH



★ Concept

This project was mainly focused on creating an environmentally friendly motel that gives its users a comfortable and memorable experience.

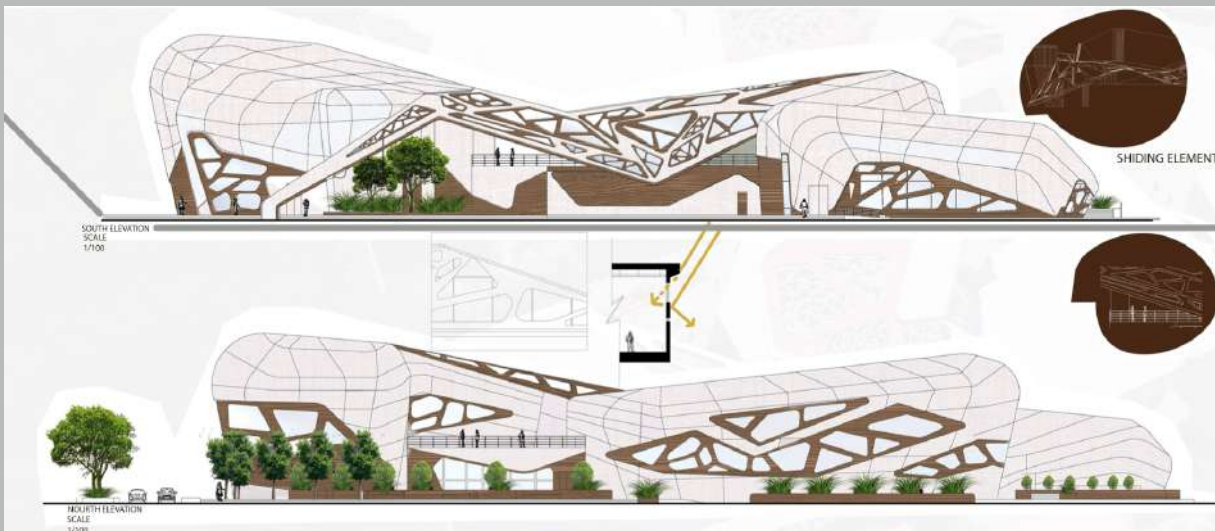


AFNAN



ARC 401: MUSEUM

INSTRUCTOR MR. DR. DALIA FATTAH





DID YOU KNOW

Architect: Zaha Hadid, “The Queen of the Curves”
Hadid’s infatuation with the design was not only limited to architecture. As a matter of fact, her line of shoes was where she could let out all her creative juices without being restrained by the limitations of architectural design..



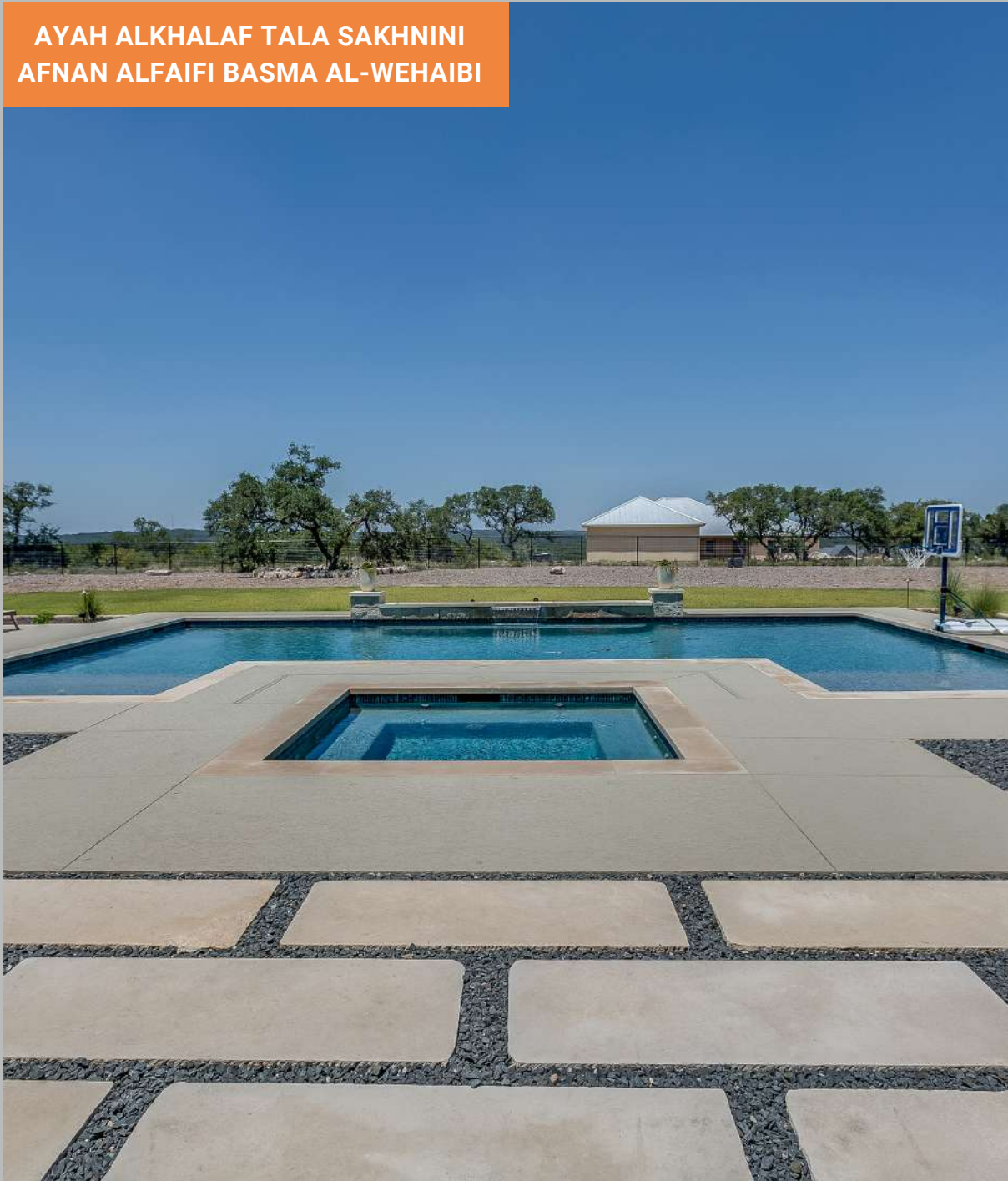
Here's a list of some unpredictable facts about Zaha Hadid

She won an award every year since 2000
She studied mathematics at the American University of Beirut
She was ranked among the top 100 powerful women
She has never designed a building with a right angle in it.

AYAH ALKHALAF TALA SAKHNINI
AFNAN ALFAIFI BASMA AL-WEHAIBI

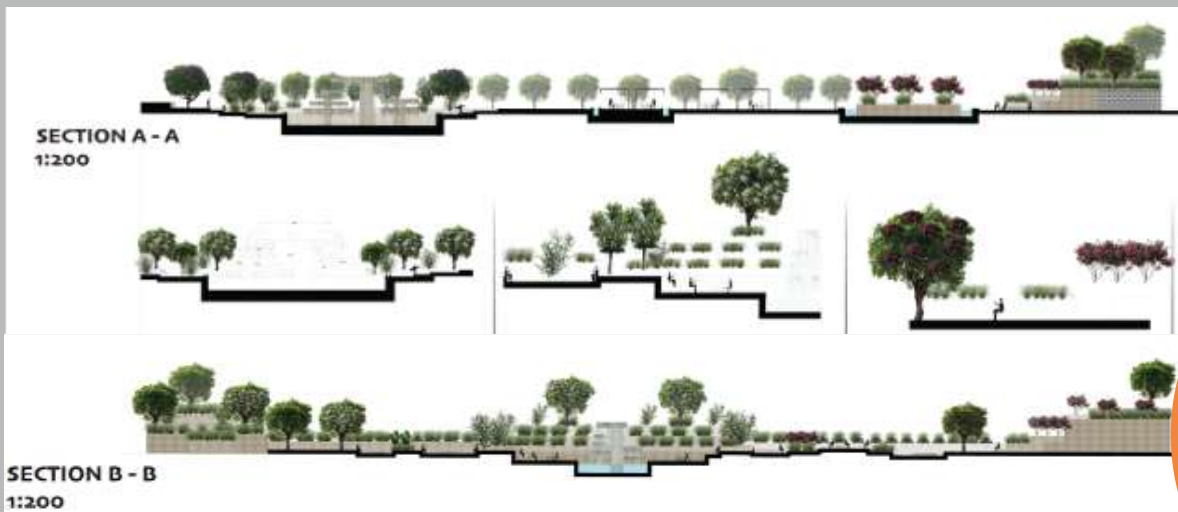
INSTRUCTOR MR. MS. ESRAA SAMMAN

ARC 402: LANDSCAPE



★ Concept

Al salmaniah architecture in M.Paul friedberg style



ARC 501: COLLEGE

INSTRUCTOR MR: DR. IBRAHIM ABDELHADY

MUHANAD ALMUTIRI



RAYAN ALMAQOSHI



★ Concept

The concept basically aim to use the old local environmental strategies in a modern era, using new technologies.

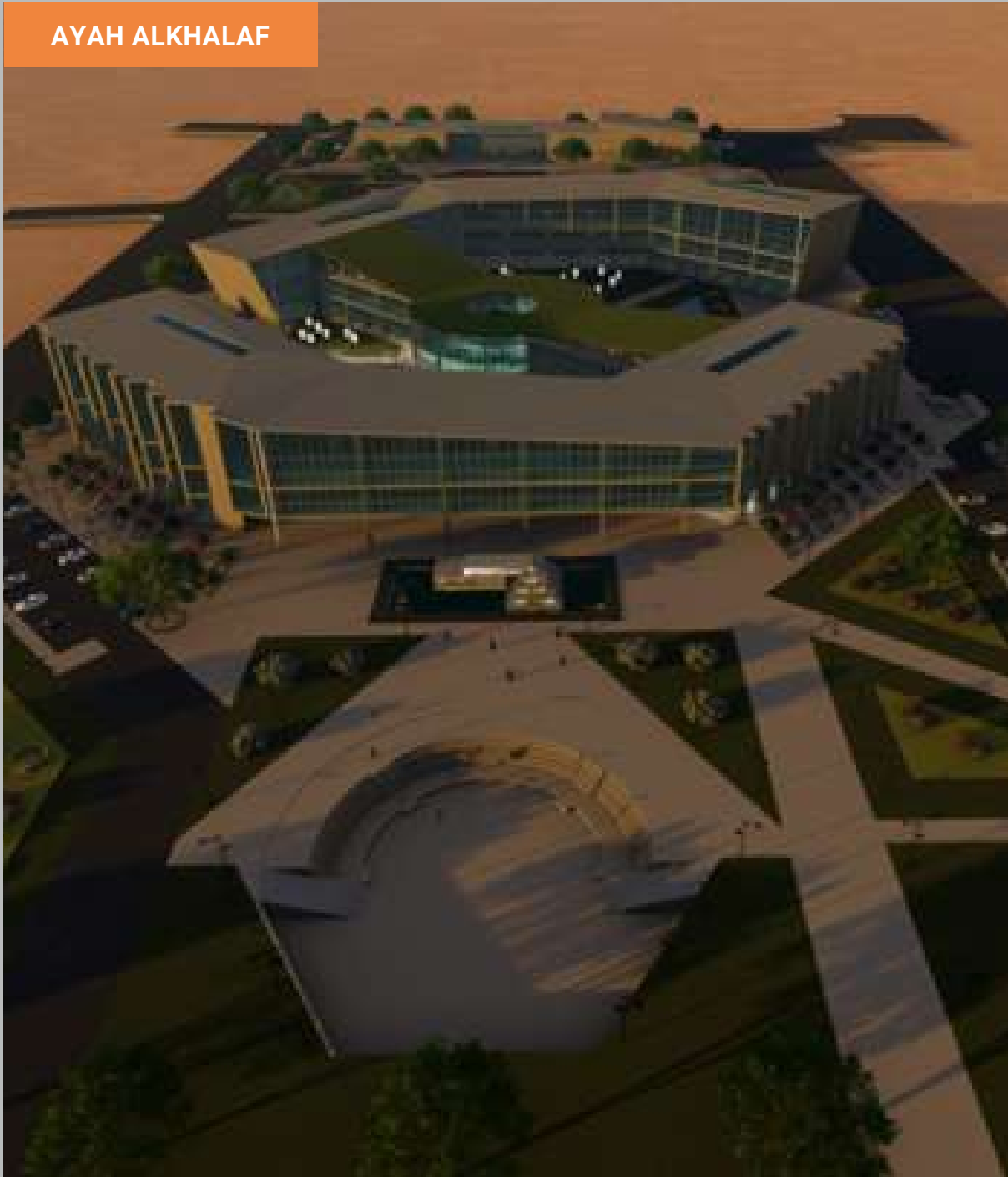
★ Concept

The relation between Environment aspect and human communication, creating An axis crossing the site horizontally.

AYAH ALKHALAF

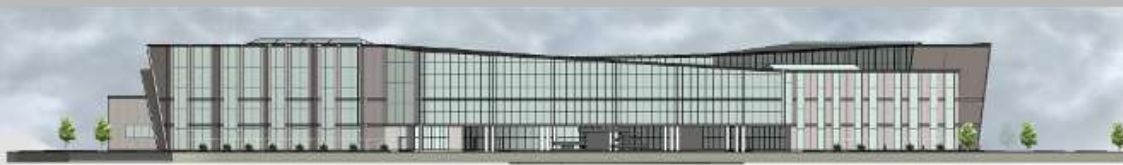
ARC 501 : SCHOOL

INSTRUCTOR MR. DR. RAHMA DOHEIM



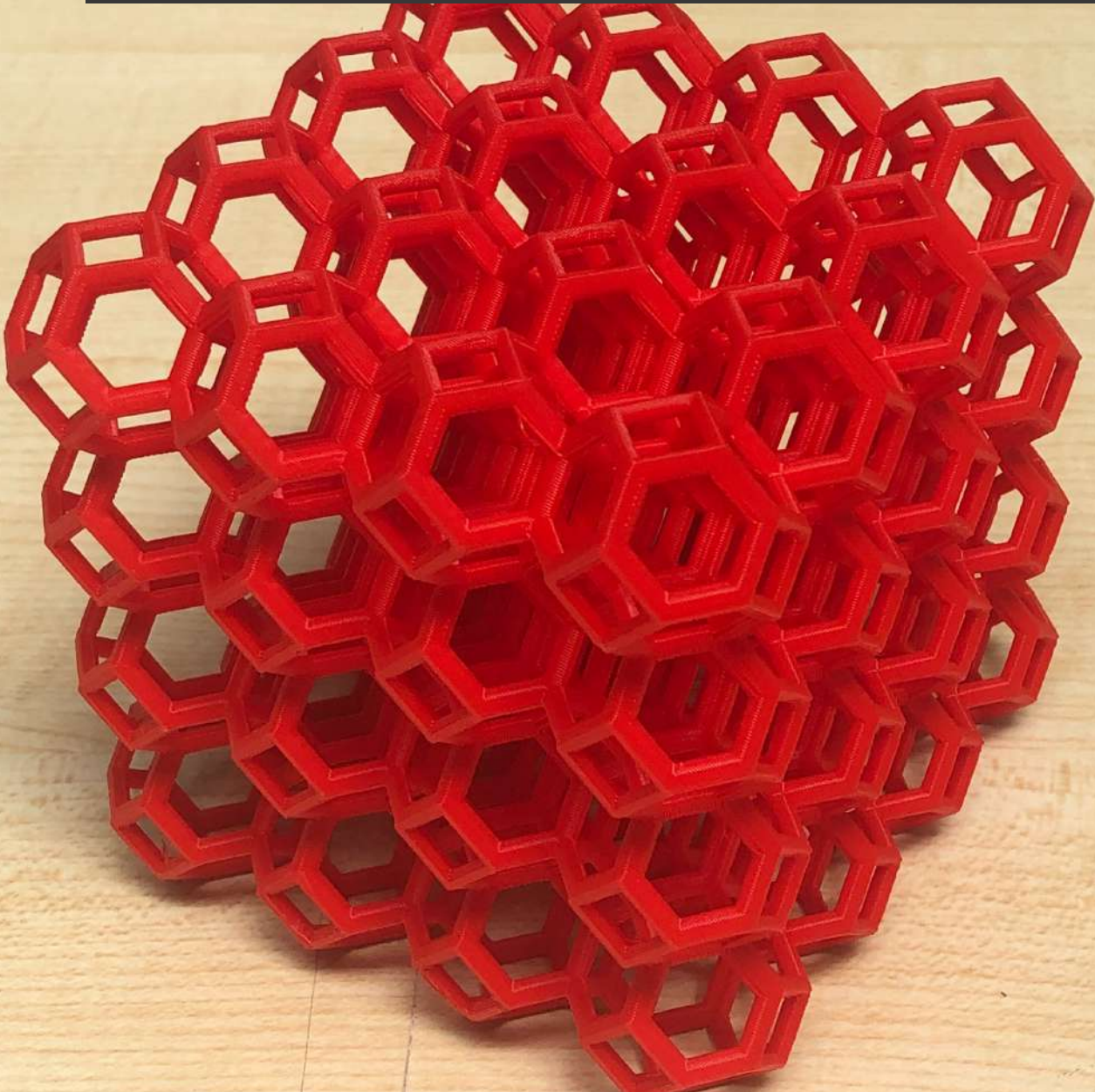
★ Concept

Integration of geometric shapes to get two courtyards that also help in sustainability and green building



3D PRINTING MODELS

Ms.Esraa Samman, lectures a course on Building Technology, gives a session on the topic of "3D printing & Cellular fabrication" exploring the benefits & limitations, introducing Branch Technology as the leading innovator, as well as providing precedents of 3D printed projects.



In addition, she assigns the students to explore the 3D printing technology through an exploration project on the different types of cellular structures fabrication.

THE LANDSCAPE DESIGN GALLERY

The landscape design Gallery showed the students' work in the project, which chose to be as an open space related to a residential villa in Riyadh within the IARA425 course Spring semester.



In the project, the student applies the main elements of the landscape design, clarifies the type of system used for his design , and applies all the theoretical information that was previously noticed in the lectures of the course.

IARA 425: LANDSCAPE

INSTRUCTOR MR. DR. MAYAS TAHA





DID YOU KNOW

Architect: Frank Lloyd Wright, “the greatest American architect of all time”

He designed some 800 buildings, of which 380 were actually built. UNESCO designated eight of them—including Fallingwater, the Guggenheim Museum, and Unity Temple—as World Heritage sites in 2019.



Well, He did over 700 sketches for the Guggenheim Museum before he found the right one.

FACULTY'S WORK

"STAY INSPIRED. NEVER STOP CREATING."



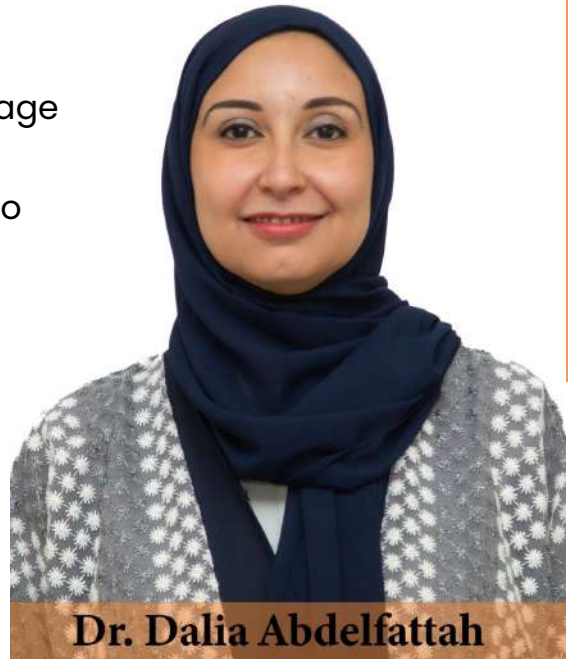
Are waterfronts really for everyone?

De-coding the city's coastal edge from theory to practice

Journal of Urban Planning, issue "Urban Heritage and Patterns of Change: Spatial Practices of Physical and Non-Physical Transformation," to be published by July 2022.

Abstract

Waterfronts are the liminal edge between two distinctive geographies: land and water. At the outset, waterfronts are places of public enjoyment.



Dr. Dalia Abdelfattah

Residence aspires to a waterfront where there is ample visual and physical public access 24/7 and for everyone. Meanwhile, a major challenge is to meet these aspirations and maintain the diversity of living systems and their capacity to support human wellbeing in face of changes. From this premise, the theoretical part reads waterfronts as social platforms; patterns of talk and walk as a place that contributes to the quality of life in all its aspects, economic, social, and cultural. It aims to promote the idea that everyone has rights to their cities waterfronts, facing the territory of private investors and economic segregations of social classes.

Within the past two years, two workshops were contacted in two cities: Alexandria in Egypt then Jeddah in Saudi Arabia within a duration of two weeks. The aim was to examine the dynamic maps for human realities, the interchangeable relationship between the sea waterfront activities and users' rights, thus, approaching attributes of urban, social, political, economic, and environmental consideration. The workshops targeted multidisciplinary backgrounds from experts, researchers to undergraduates' architecture students. The indicated findings tackled one or more attributes, through proposing preliminary speculative concepts and forward-looking ideas.

The purpose of this study is to unlock data portraits: conveying the message of the two workshops' outcomes. De-coding the city's coastal edge, and re-reading the observations, questionnaires, interviews, maps, and pictures freezing frames: presence in space and time, to emphasize the human rights, and the human-nature interactions that engage with complexity through continuous learning. In other words, to answer the crucial question, are waterfronts really for everyone?

Cultural Heritage and Contemporary Armed Conflicts in the Arab World

Abstract

The papers' abstracts published by Dr.
Mayas Taha 2021- 2022



Dr. Mayas Taha

Wars and armed conflicts taking place in some Arab countries are one of the major reasons that have led to the deterioration and destruction of many world heritage buildings and sites in those countries. The wars have incurred a great deal of damage to large parts of world heritage structures. This is in addition to looting and theft-related damage, through illegal excavations and other forms of sabotage. In view of the importance of cultural heritage and the extent of damage to its components due to conflicts and wars, this paper extrapolates the mechanisms established by international conventions to protect cultural heritage.

The paper covers issues such as the insufficient implementation of international preventive measures in some Arab countries where a large part of their heritage has been damaged. It highlights the realities of cultural heritage during armed conflicts in these countries and assesses how far they abide by the legal mechanisms. At the end of the research, there is a set of recommendations for the preservation of world heritage in areas of armed conflicts.

FACULTY'S NEWS

"STAY INSPIRED. NEVER STOP CREATING."



ARCHITECTURE LIBRARY



Tawiq Building

Third Floor



DEPARTMENT
LIBRARY



A BOOK

IS A DEVICE

TO LIGHT THE

IMAGINATION



EXHIBITION HALL



Tawiq Building
Third Floor

The Opening of the Architecture Exhibition took place on Monday, Nov. 1st 2021, at Tuwaiq building. It is an annual Student gallery event where samples of students projects are displayed in order to be shared and presented to all the faculty.



DEPARTMENT
EXHIBITION
HALL



EVERY

PROJECT IS

AN OPPORTUNITY

TO LEARN



The purpose of
this annual
exhibition is to
encourage
students and
develop their
skills

3D PRINTING CENTER



Dr. Ibrahim Abdelhady gives a 3D printing hands on tutorial explaining the different types of 3D printers as well as the common materials used in 3D printing and guiding the students through the process of printing in the architectural printing lab.



Location: Tawiq - Second Floor

ARCHITECTURE CLUB



The architecture club consists of students studying architecture, who are actively thriving to learn more about the architectural industry through networking with organizations, architects and designers in the region of Riyadh.



DEPARTMENT
EXHIBITION
HALL



MEMORIES

ARE THE

ARCHITECTURE OF

OUR IDENTITY



SAR - LAB

The Students Architecture Research Lab (SAR-Lab) managed by Dr. Mayas Taha.

The SAR-Lab aims to provide a supporting research environment to initiate research groups between students and staff.

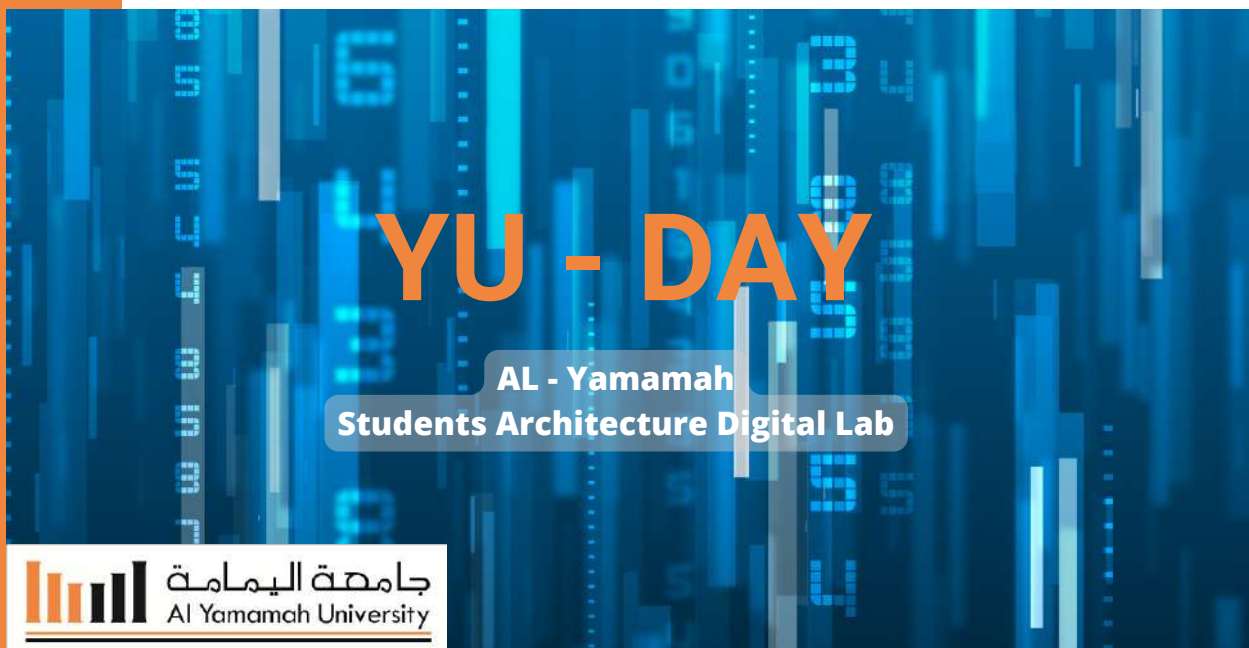


The objective is to develop students' submissions (projects and research presentation) into scientific research papers for conferences and journal publication. The initiative aims to publish two papers per academic year based on students' work.

DAY - LAB

The Students Digital Architecture Yamama Lab
(managed by Dr. Ibrahim Abdelhady).

The architecture department has initiated the architecture Fabrication Lab, contains the 3D Printing services in addition to the laser cutter.



To motivate our students to utilise these facilities to enhance their design experience, Dr. Ibrahim Abdelhady has initiated the DAY - LAB. Digital Architecture Yamamah Lab. It aims to develop the 3D visualisation and conduct orientation sessions to architecture students of all levels, the DAY Lab will aspire to accommodate new software applications such as Rhino and Grasshopper. It will keep our students up to date with technology and ready for Career challenges.

**ARCHITECTURE SHOULD
SPEAK OF IT'S TIME AND
PLACE, BUT YEARN FOR
TIMELESSNESS.**

Frank Gehry

ARCH-Y

2021-2022



Arch-Y is an official Magazine of the Architecture Department at Al Yamama University .The magazine is yearly issued and showcase the department events, faculty and students achievement along with external collaborations.

Done and Designed by Eng. Lara Rahim & Eng. Esraa Samman