



College of Engineering

Fall 2023 - 2024





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CE

Inside

02 APPOINTMENT OF THE NEW DEAN OF CE

Dr. Issam Al-Bahdoor

03 ANNOUNCEMENT OF THE ENGINEERING STUDENTS SOCIETY

04 COLLEGE OF ENGINEERING ORGANIZED A SEMINAR

on Project-Based Learning for ABET accreditation

RESEARCH & SCHOLARLY

05 39 PUBLICATIONS AND 5 RESEARCH GRANTS

06 TOP BEST PAPER AT THE ASIA-PACIFIC INTERNATIONAL CONFERENCE

on Quality of Life, 2023 in Indonesia

COMMUNITY SERVICES

07 PRESERVING HERITAGE, BUILDING TOMORROW

Dhofar University's Architectural Engineering Department at "October of Urbanism"

08 DESIGN TALK: DESIGNING FOR OMAN (Balancing Tradition and Innovation)

WORKSHOPS

09 HOW TO IMPROVE MODELING THROUGH 3DS MAX

10 UPGRADE YOUR SKILLS IN INTERIOR STYLES

11 FROM ARCHITECTURE TO CONSTRUCTION

(Upgrade Your Construction Skills Workshop)

12 VISUALIZING SPACE

(A Beginner's Workshop on 3D Design and Alternatives)

13 AI IN ARCHITECTURE AND INTERIOR DESIGN – RENDER 3D

FIELD TRIPS

14 DHOFAR UNIVERSITY INTERIOR ARCHITECTURE STUDENTS EXPLORE AL BALEED RESORT IN PURSUIT OF INNOVATIVE HOSPITALITY DESIGN EDUCATION

15 VISIT TO THE GENERAL DIRECTORATE FOR HOUSING AND URBAN PLANNING



CE Newsletter

August 22, 2023

Fall 2023 - 2024

APPOINTMENT OF THE NEW DEAN OF THE COLLEGE OF ENGINEERING



DR. ISSAM AL-BAHDOOR

A recipient of numerous academic accolades, including the "Distinguished Teacher" award, he holds doctoral and master's degrees in mechanical engineering from the University of Toronto, Canada, in 2013 and 2006, and a bachelor's degree from Sultan Qaboos University in 2003.

A mechanical engineering expert, Dr. Bahdoor's research interests span Instrumentations, Automation, Artificial Intelligence, smart materials, linear/nonlinear dynamics, mechanical vibrations, and mechatronics, reflecting his commitment to advancing engineering knowledge.

Please join us in extending a warm welcome to Dr. Issam Bahdoor as he assumes leadership of the College of Engineering at Dhofar University. His wealth of experience will undoubtedly elevate the college to new heights of excellence.

Dr. Bahdoor's own words reflect his journey: "The student is a fellow professional and a co-worker, and this is the result of his role in the chosen specialization."

Effective August 22, 2023, Dhofar University is pleased to announce the appointment of Dr. Issam Bahdoor as Dean of the College of Engineering.

Dr. Bahdoor brings over two decades of distinguished academic leadership experience to his new role. He joins Dhofar University from Sultan Qaboos University, where he served as Head of the Quality Assurance and Academic Accreditation Unit for the College of Engineering from 2021–2023. Prior to that, Dr. Bahdoor was the Assistant Dean for Undergraduate Studies from 2016–2020, playing a pivotal role in modernizing academic programs and achieving international accreditation for college programs.



ANNOUNCEMENT OF THE ENGINEERING STUDENTS SOCIETY

NOVEMBER 13, 2023



The Dean of the College of Engineering, Dr. Issam Al-Bahdour met with Dr. Yasser Arab the Supervisor of the Engineering Students Society and a number of administrators and members of the group on 13-11-2023, where the Students Engineering Society was announced.

The college aims, through this society, to empower and enhance the role of students in participating in extracurricular activities related to their engineering fields, develop their skills, and highlight their contribution to community service.



The meeting discussed the administrative and organizational structure of the society, as well as the future events plans expected to be accomplished during the academic year. The society consists of several sub-teams, including the external relations team, the media team, and the support and assistance team.



COLLEGE OF ENGINEERING ORGANIZED A SEMINAR

DECEMBER 27, 2023



The College of Engineering organized an online seminar on project-based learning and its significance in the international academic accreditation for engineering and technology (ABET). The seminar was delivered by Dr. Kamlesh Singh, Assistant Professor in the Department of Electronics and Communication Engineering at Amity University in Lucknow, India. The session covered various topics, including the essential elements for benefiting from project-based learning and methods of assessments.



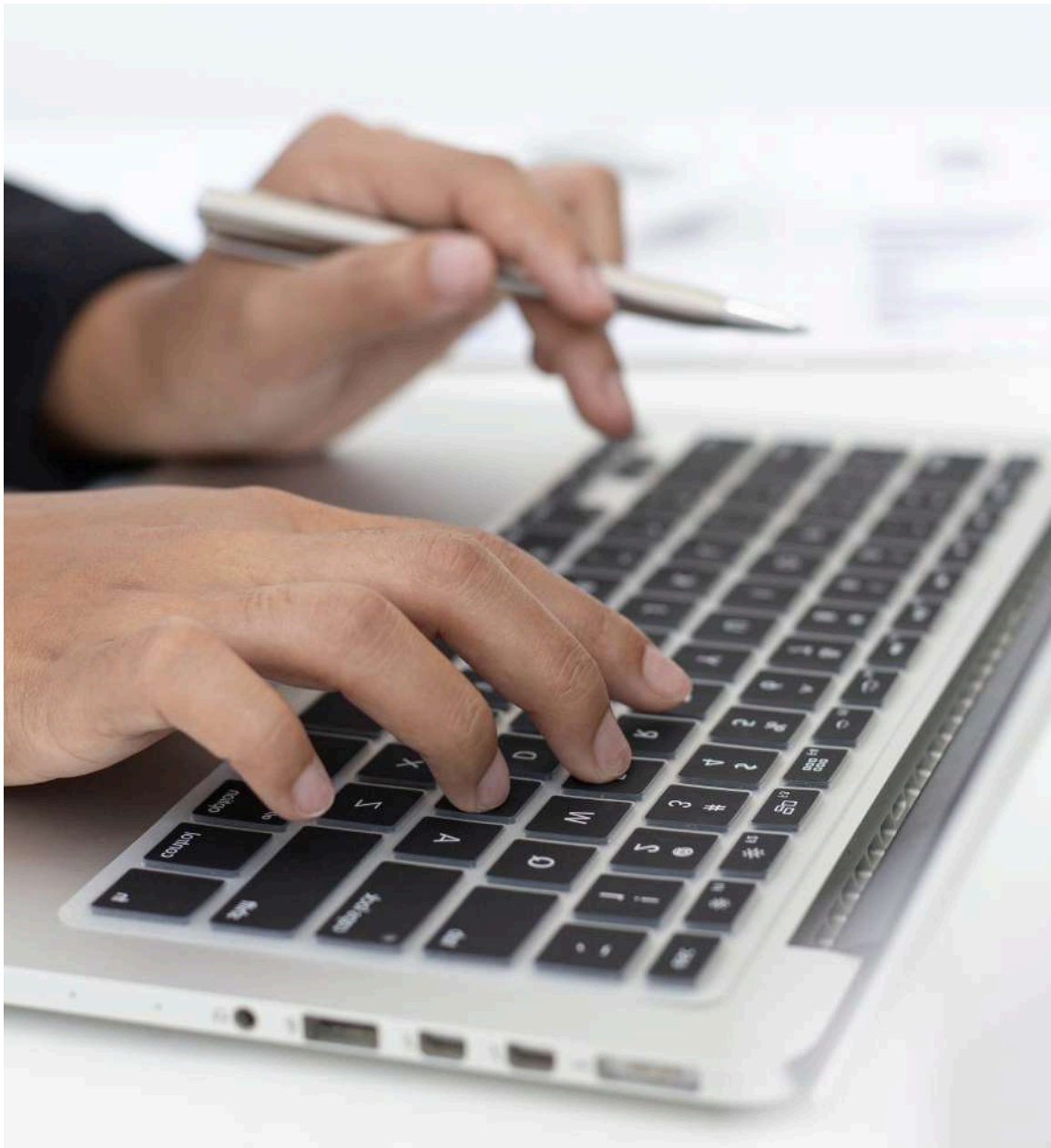
on Project-Based Learning for ABET accreditation

The discussion also highlighted the structure of ABET academic accreditation and its requirements, including the integration of projects into courses and methods for assessing course learning outcomes achievement.

Dr. Issam Al Bahdoor, the Dean of the College of Engineering, concluded the seminar by emphasizing the importance of such meetings for exchanging experiences. He affirmed that the college is progressing in reviewing and updating all its programs to achieve international accreditation. The Dean extended sincere thanks to the Quality Assurance Committee (QAC) and the Center for Teaching and Learning (CTL) at the university for organizing this seminar.

RESEARCH AND SCHOLARLY

FALL 2023 - 2024



39 PUBLICATIONS
AND 5 RESEARCH
GRANTS

Dedicated to achieving exceptional standards in its research endeavors, the College of Engineering has generated a cumulative total of 39 publications and obtained five research grants. Furthermore, ten academic members from the CE are ranked among the top 20 on the university's Google Scholar profile page, accumulating a total of 15085 citations.

Additionally, two scientists from the CE are among the top 2% on the Stanford list, which are Dr. Mazhar Ul Islam from the Department of Chemical Engineering, College of Engineering, who has been selected for the fourth consecutive year under the single-year impact indicator and for the first time under the career-long impact indicator. Dr. Shaukat Khan from the Department of Chemical Engineering has been selected under the single-year impact indicator for the second time.



Showcasing
Research
Excellence
and Scholarly
Achievements

TOP BEST PAPER AT THE ASIA-PACIFIC INTERNATIONAL CONFERENCE

OCTOBER 2, 2023



Sr Nurulanis binti Ahmad@Mohamed



Sr Dr Siti Nadiyah binli Mohd Ali



Sr Dr Nor Aini binti Salleh



Dr Fatemah Khozaei

Quality of Life, 2023 in Indonesia

Dr. Fatemeh Khozaei, an Assistant Professor at Dhofar University's department of Architectural Engineering was awarded One of Top Best Paper for an entry titled: 'Fostering Sustainable Communities: The Vital Role of Local Authorities in Urban Agriculture Practices in Strata Housing.'

This recognition was conferred at the Asia-Pacific International Conference on Quality of Life (AQoL2023Bali), held in Bali, Indonesia, from September 30 to October 2, 2023. Among over all submissions this recognition was given to 15 highest scored papers and presentations.

The conference, organized by the Association of Malaysian Environment-Behaviour Researchers, recognized the collaborative efforts of the paper's authors: Nurulanis Ahmad, Siti Nadiyah Mohd Ali, Nor Aini Salleh, and Fatemah Khozaei. These contributors hail from the Department of Built Environment Studies and Technology at Universiti Teknologi MARA, Malaysia, and the Department of Architectural Engineering at Dhofar University, Oman. Their joint efforts yielded a paper that underscores the pivotal role of local authorities in advancing urban agriculture practices within multi-family housing complexes.



PRESERVING HERITAGE, BUILDING TOMORROW

OCTOBER 4, 2023



The Department of Architecture participated in the "October of Urbanism" activities in 2023, held in Salalah and organized by the General Directorate of Housing and Urban Planning in Dhofar, under the sponsorship of the college's dean, Dr. Issam Al-Bahadoor, and under the supervision of Dr. Abbas Mahmoud and the architect, Lamiaa Mostafa. The October of Urbanism aims to revive ancient and heritage areas and enhance the economic and social dimensions, as well as urban sustainability, that serve the goals of "Oman Vision 2040."

Dhofar University's Architectural Engineering Department at "October of Urbanism"



It also included a tour to introduce participants to the urban and cultural heritage of the Al-Haffa area, showcasing the project's developments. The event has ended with a field experiment to enhance the contribution of urban public transport within Salalah, followed by a discussion session on the future of urbanization in the Sultanate and the shift towards sustainable development.

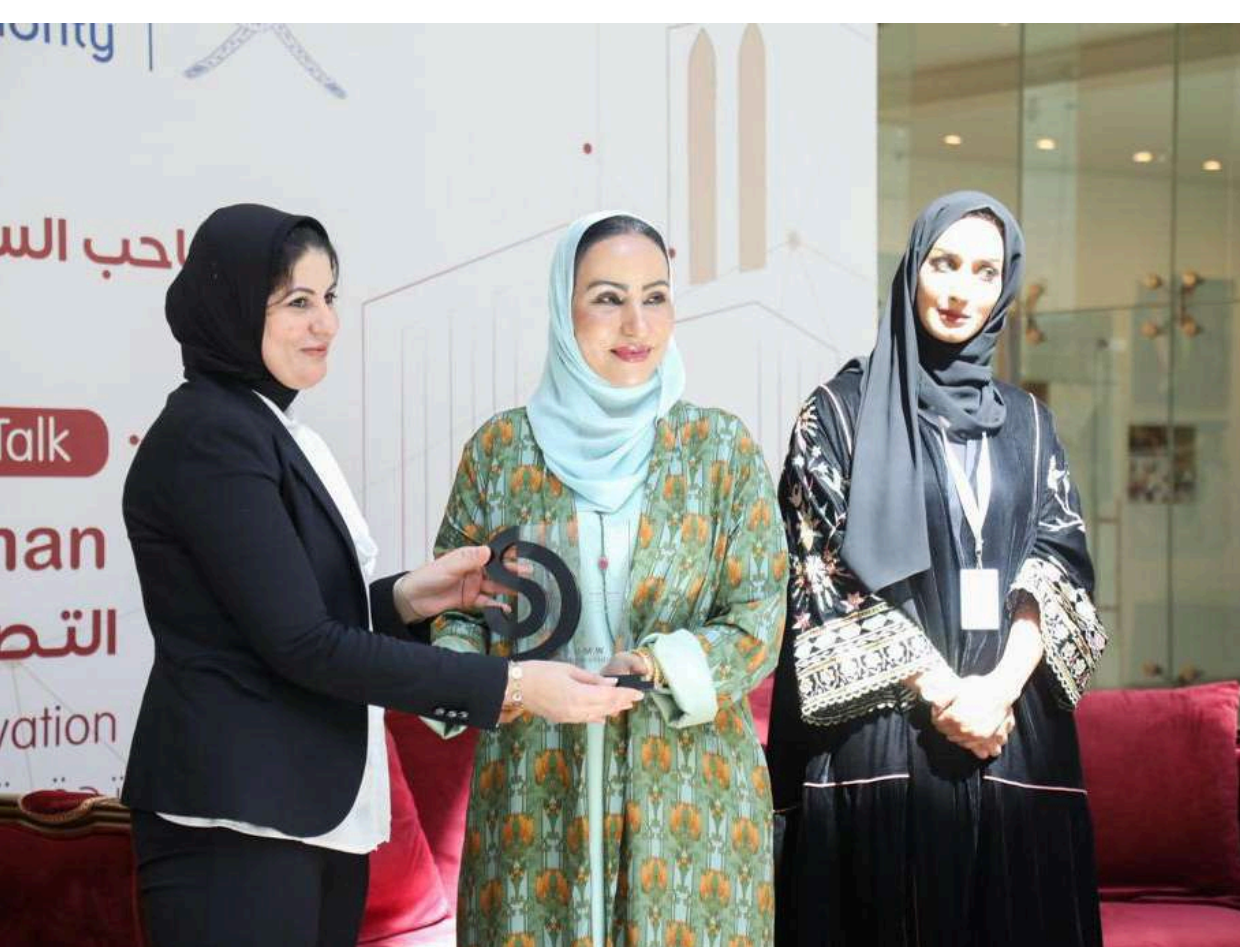
DESIGN TALK: DESIGNING FOR OMAN

NOVEMBER 27, 2023



Balancing Tradition and Innovation

As part of our continued strengthening of cooperation in our society, a group of students from the Department of Architectural Engineering at the College of Engineering at Dhofar University participated in the event “Design for Oman “Achieving a Balance between Tradition and Innovation” to strengthen cooperation and promote innovation under the supervision of lecturer Lamia Mostafa, which was held on 27th November 2023.



It also highlighted the importance of design in improving daily life and society’s development.

Workshops, design screenings, expert lectures, and exhibitions were part of the event to showcase creative works. The participants exchanged ideas and learned about the latest developments in design. The event emphasized innovation and design, towards supporting the progress of a sustainable and intelligent society.

The event, which was organized by Sumw Design Studio and the Small and Medium Enterprises Development Authority, demonstrated the commitment of decision-makers to design and creativity, empowering participants to contribute to social advancement and enhancing Oman’s reputation as a design hub. Speakers included engineer Lamia Mostafa and Sumw Bint Amer Tabuk, founder of Sumw Bint Amer Tabuk and a graduate of Dhofar University, and real estate development experts. His Highness’ wife awarded the principal speakers with participation tokens.

WORKSHOPS

DECEMBER 2, 2023



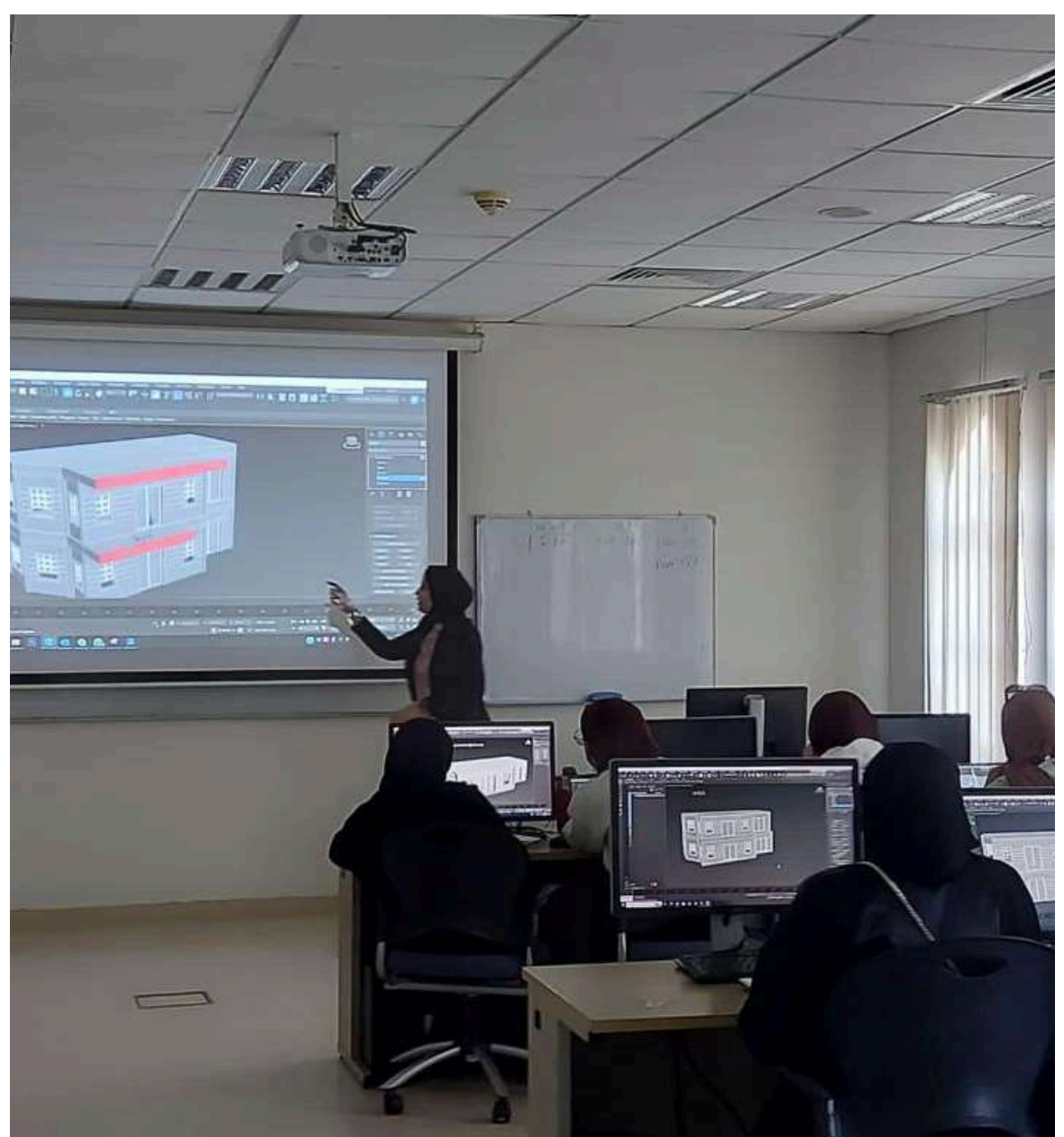
The workshop aimed to equip students with innovative 3D modelling skills, preparing them for today's technology-driven job market. Participants in the workshop delved into an immersive learning experience, focusing on techniques of 3Ds Max Modelling. The students acquired knowledge and skills necessary for the current architectural and interior design fields.

This comprehensive training ensures that students are not only keeping pace but also positioned to lead in the rapid technological advancements shaping the industry.

Through this workshop, Dhofar University reaffirms its commitment to providing cutting-edge education that empowers students to excel in a competitive global labour market. The university fosters an environment where innovation, skill, and practical application converge to shape the future of architectural and interior design engineering.

HOW TO IMPROVE MODELING THROUGH 3DS MAX

The Department of Architectural Engineering at the College of Engineering organized a workshop with lecturer Lamiaa Mostafa as the presenter, titled "How to Improve Modelling Through 3DS Max."



UPGRADE YOUR SKILLS IN INTERIOR STYLES

NOVEMBER 18, 2023



The Architectural Engineering Department of the College of Engineering at Dhofar University provided a workshop titled “Upgrade Your Skills in Interior Styles.” The workshop was presented by Ms. Lamiaa Mostafa, a lecturer from the Architectural Engineering Department.

This insightful workshop aimed to provide an in-depth exploration of various interior design styles, ranging from the elegance of traditional designs to the sleek simplicity of contemporary styles.



Participants delved into the historical contexts of these styles, uncovering their key characteristics and modern interpretations.

The session offered a unique opportunity for participants to deepen their understanding of design aesthetics. It was not just about learning the theory; it was an immersive experience that enabled attendees to apply this knowledge to practical design scenarios. This hands-on approach was designed to ignite creativity and inspire innovative thinking.

The lecturer’s expertise in the field brought these styles to life, offering valuable insights into the world of interior design. Her guidance was instrumental in helping participants appreciate the nuances of different design trends and how they can be incorporated into interior space



FROM ARCHITECTURE TO CONSTRUCTION

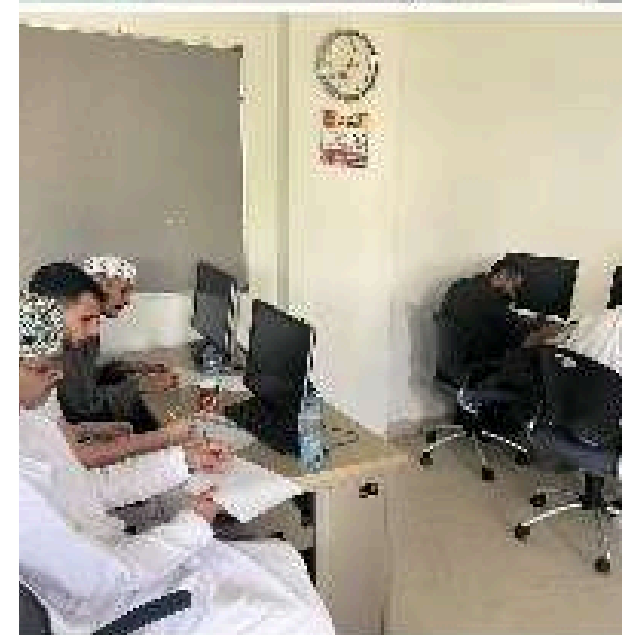
NOVEMBER 18, 2023



The College of Engineering at Dhofar University held a collaborative workshop titled “From Architecture to Construction: Upgrade Your Construction Skills,” which was an enriching event that brought together the expertise of the Civil Engineering and Architectural Engineering Departments.

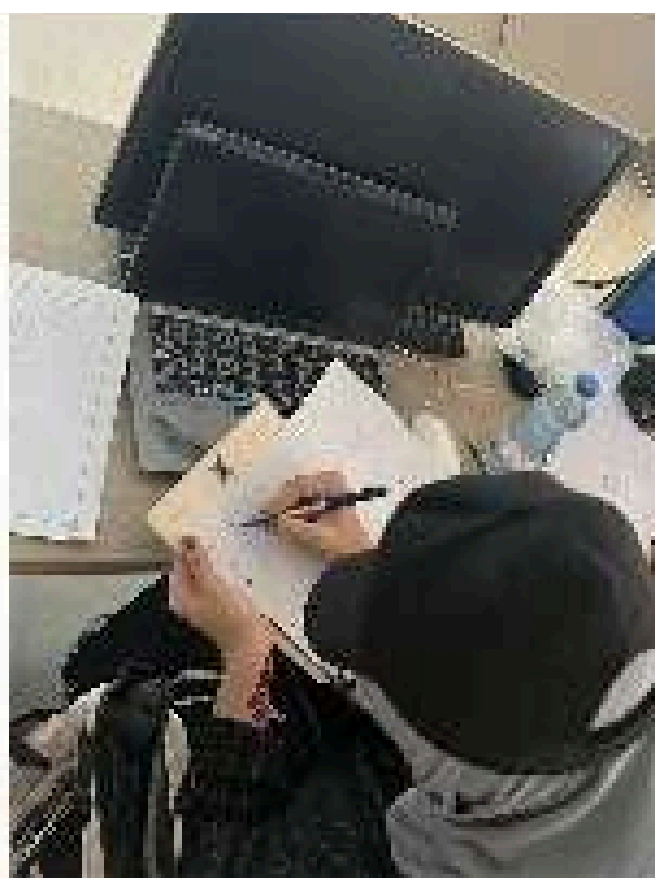
The workshop was presented by Dr. Wesam Beitelmal from the Department of Civil & Environmental Engineering, and organized by Lecturer Lamiaa Mostafa, from the Architectural Engineering Department.

Upgrade Your Construction Skills Workshop



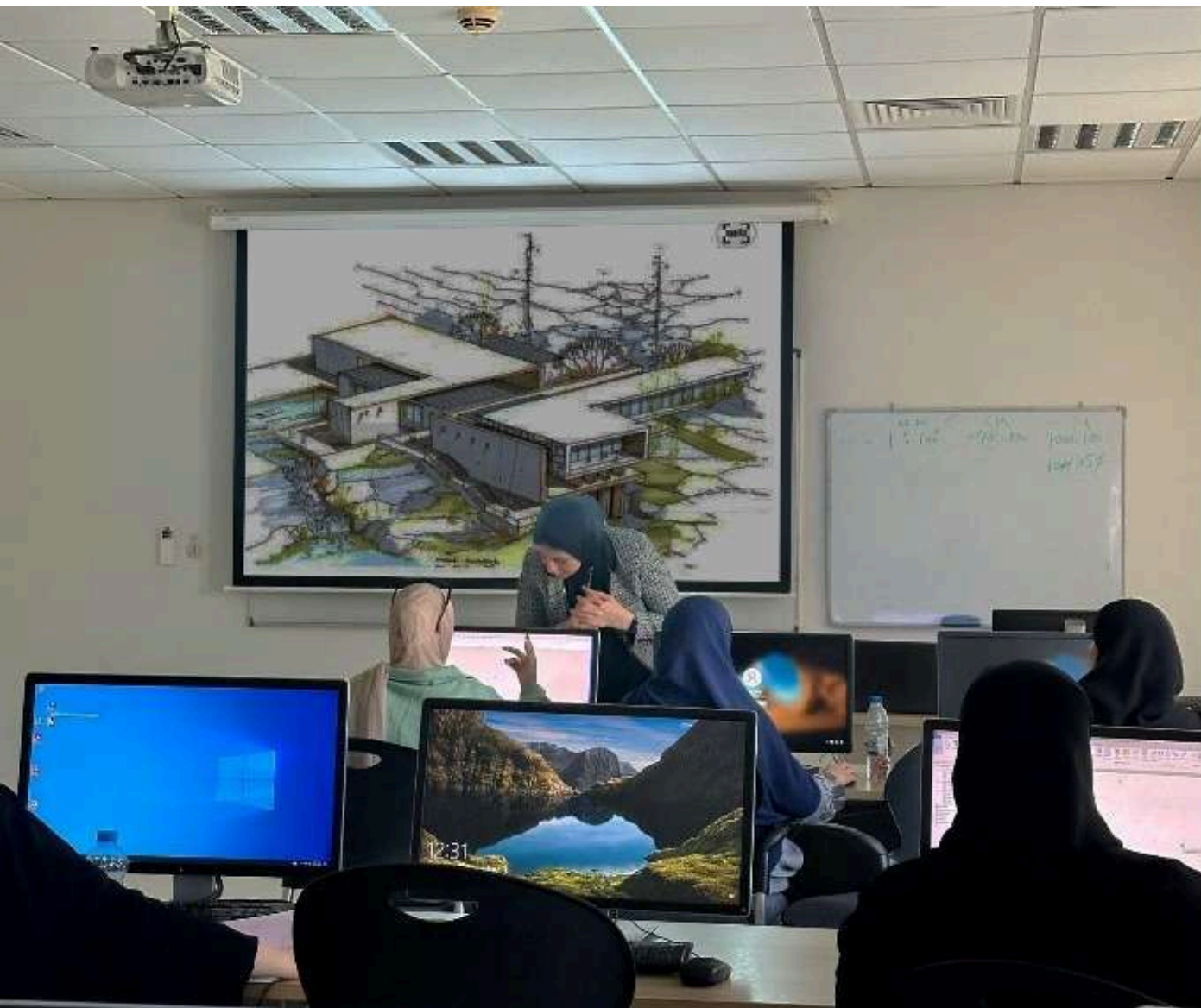
This engaging workshop was designed specifically to support the students in the Architectural Engineering Department. It provided valuable insights into the integration of architectural design and construction techniques, empowering our future engineers with enhanced skills and knowledge.

The students had the unique opportunity to delve into practical aspects of construction, complementing their architectural education with hands-on experience and technical know-how. The collaboration between these two dynamic departments highlighted the College of Engineering’s commitment to interdisciplinary learning and the practical application of academic concepts.



VISUALIZING SPACE

DECEMBER 3, 2023



The Department of Architectural Engineering at Dhofar University's College of Engineering organized a workshop entitled "Visualizing Space: A Beginner's Workshop on 3D Design and Alternatives," which was presented by lecturer Lamia Mostafa from the Department of Architectural Engineering. The purpose of the workshop was to assist students in acquiring familiarity with the basics of 3D design, with an emphasis on creating impactful spatial visualizations. Students received hands-on training in 3D design, exploring fundamental techniques for creating and manipulating 3D spaces. Through this workshop, Dhofar University reaffirms its commitment to improving the imagination of its students to be more creative. The university fosters an environment where innovation, skill, and practical application converge to shape the future of architectural and interior design engineering.

A Beginner's Workshop on 3D Design and Alternatives



AI IN ARCHITECTURE AND INTERIOR DESIGN – RENDER 3D

DECEMBER 16, 2023



AI WORKSHOP

Lamia Mostafa, a lecturer from the Department of Architectural Engineering, conducted a workshop titled “AI in Architectural and Interior Design—RENDER 3D.” The workshop discussed the uses of artificial intelligence in architectural and interior design, its methods for improving design alternatives, and its impact on the field.

As design enters a new era, artificial intelligence transforms the built environment. The event aimed to provide a glimpse into the future of design through the lens of AI, fostering an environment where innovation, technology, and practical application converge to shape the future of architectural and interior design. The workshop aligns with Oman Vision 2040 in terms of technological innovation.

Through this workshop, Dhofar University confirms its commitment to providing advanced educational processes and preparing students to succeed in the global labour market by integrating AI into learning outcomes.



FIELD TRIPS

OCTOBER 4, 2023



CULTIVATING EXCELLENCE:

Al Baleed Resort Salah by Anantara hosted a field trip for students from the Department of Architectural Engineering in the College of Engineering at Dhofar University, accompanied by Engineer Abdullah Alhadi Ba.Omar, a marketing executive and graphic designer, and under the supervision of Engineer Lamia Mostafa, a lecturer in the Architectural Engineering Department.

The students gained hands-on experience in the architecture and interior design industries for hospitality projects. This aligns with the Sultanate of Oman's 2040 goals for an educated workforce and a vibrant labour market.

The visit was part of the college and department's orientation towards quality education and outcomes, as students were studying hotel architectural design this semester. The department aims to encourage such visits to improve educational outcomes under the guidance of Dr. Issam Al-Bahdoor .



Dhofar University
Interior Architecture
Students Explore Al
Baleed Resort in
Pursuit of
Innovative
Hospitality Design
Education

VISIT TO THE GENERAL DIRECTORATE FOR HOUSING AND URBAN PLANNING

OCTOBER 19, 2023



A group of students from the Department of Architectural Engineering at the College of Engineering recently visited the General Directorate for Housing and Urban Planning in Dhofar. This visit is part of our ongoing efforts to enhance our students' knowledge and awareness of the National Strategy for Urban Development 2040.

A special thanks to the Ministry of Housing and Urban Planning for extending an invitation to participate in the October Urban Activities.

This collaboration is a testament to Dhofar University's commitment to staying abreast of the evolving labour market and equipping our students with the latest knowledge in urban development.

The participation involved engaging in various activities and discussions centred around urban development, housing, and infrastructure. This educational excursion was also an opportunity for our students to gain firsthand experience and insights into the real-world challenges and advancements in urban planning.

Engineer Lamia Mostafa, lecturer in the Department of Architectural Engineering, lead the initiative and took part in a design talk.

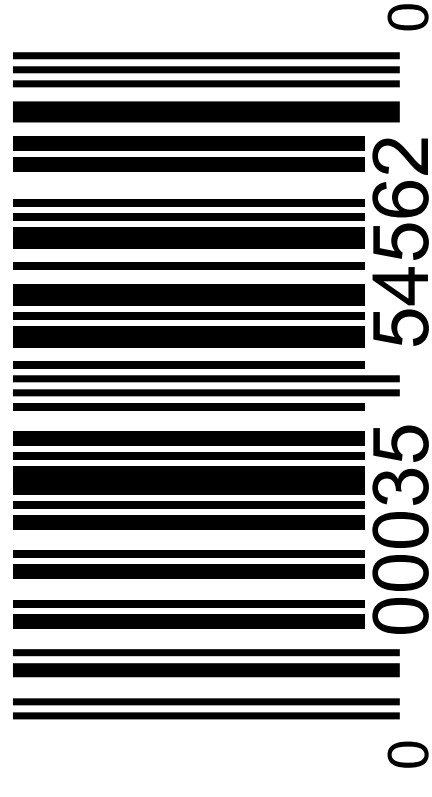
This venture aligns with Dhofar University's mission to contribute to the sustainable growth and prosperity of our communities through improved urban planning and infrastructure. Our students are not just learning about the future of urban planning but are also actively participating in shaping it.



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END OF NEWSLETTER

FALL 2023 - 2024



**DEAN OF THE COLLEGE
OF ENGINEERING:**

DR. ISSAM AL-BAHDOOR

DESIGN BY:

DR. LAMIAA MOSTAFA

CE

