

Under the patronage and presence of Sheikh Rashid bin Hamdan bin Rashid Al Maktoum
Supreme President of Hamdan bin Rashid Al Maktoum Foundation for Medical and
Educational Sciences



جائزة التميز والإبداع الهندسي
EXCELLENCE AND CREATIVE
ENGINEERING AWARD

جمعية المهندسين
society of engineers



2023

Year Book
Second Edition

www.ecea.ae



HIS HIGHNESS SHEIKH MOHAMED BIN ZAYED AL NAHYAN
PRESIDENT OF THE UNITED ARAB EMIRATES



HIS HIGHNESS SHEIKH MOHAMMED BIN RASHID AL MAKTOUM

**VICE PRESIDENT AND PRIME MINISTER OF THE UAE
AND RULER OF DUBAI**



HIS HIGHNESS SHEIKH MANSOUR BIN ZAYED AL NAHYAN

**UAE VICE PRESIDENT, DEPUTY PRIME MINISTER AND PRESIDENT
OF THE PRESIDENTIAL COURT**



SHEIKH RASHID BIN HAMDAN BIN RASHID AL MAKTOUM

**SUPREME PRESIDENT OF HAMDAN BIN RASHID AL MAKTOUM
FOUNDATION FOR MEDICAL AND EDUCATIONAL SCIENCES**



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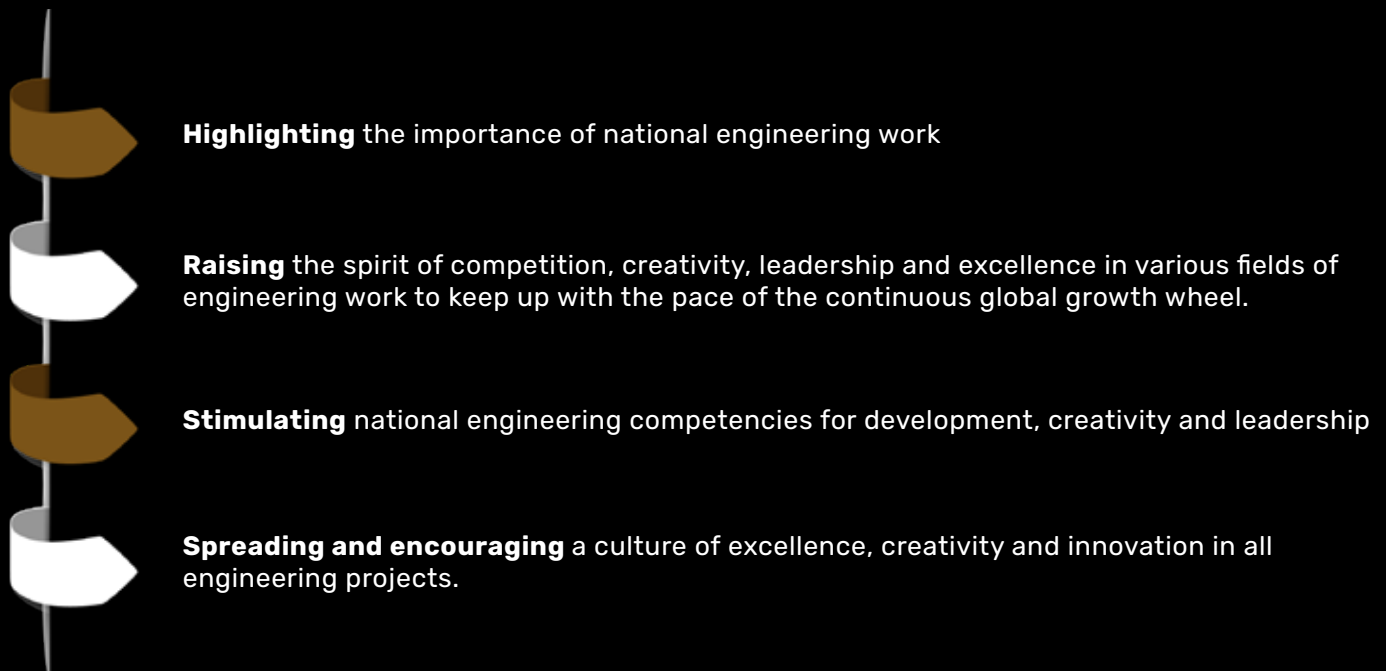
EXCELLENCE AND CREATIVE ENGINEERING AWARD

The Excellence and Creative Engineering Award comes within the framework of the UAE's 2071 vision, which considers innovation as one of the national priorities, and within the efforts to achieve a diverse knowledge-based economy led by competent Emiratis, ensuring sustainable prosperity by keeping pace with the continuous development in the engineering sector and adopting and implementing innovative projects and ideas.

The UAE Society of Engineers, by organizing the "Excellence and Creative Engineering Award," celebrates excellence and honors the efforts of institutions and individuals who positively impact various engineering sectors in the UAE. The award acknowledges the outstanding contributions and achievements in the engineering sector by those who have driven progress achieved leadership and excellence in the field and were able to transform challenges into opportunities for sustainable growth and advancement.

25th July 2023	31st October 2023
Opening Submission	Closing Submission
1st November – 15th December 2023	16 January 2024
Judging Period	Awards Ceremony

OBJECTIVES





HIGHLIGHTS OF THE 2ND EDITION

13 Categories

378 Nominated Profiles

208 Individuals

170 Legal Personality

29 Winners





CATEGORIES AND PRIZE INFORMATION

The second edition of **ECEA** included 13 categories divided into two main categories:

- **Individual categories**
- **Legal Personality**

1. Individual Categories

Leading Personnel Category

- A certificate and the award trophy

Outstanding Engineer Category

- **1st Winner:** financial reward of **30,000 AED**, in addition to the award trophy and certificate
- **2nd Winner:** financial reward of **15,000 AED**, in addition to the award trophy and certificate
- **3rd Winner:** financial reward of **7,500 AED**, in addition to the award trophy and certificate



Rising Engineer Category

- **1st Winner:** financial reward of **20,000 AED**, in addition to the award trophy and certificate
- **2nd Winner:** financial reward of **10,000 AED**, in addition to the award trophy and certificate
- **3rd Winner:** financial reward of **5,000 AED**, in addition to the award trophy and certificate



Outstanding Student Category

- **1st Winner:** financial reward of **10,000 AED**, in addition to the award trophy and certificate
- **2nd Winner:** financial reward of **5,000 AED**, in addition to the award trophy and certificate
- **3rd Winner:** financial reward of **3,000 AED**, in addition to the award trophy and certificate



2. Legal Personality

Pioneering Engineering Projects Category

This category is divided into three subcategories which are the best mega project, the best medium project, and the best small project. The first-place winner in each subcategory will be awarded a certificate along with the trophy.



Engineering Consultancy Companies Category

- First, Second, and Third Place Winners received a certificate and the award trophy

Engineering Services Companies Category

- First, Second, and Third Place Winners received a certificate and the award trophy



Construction Companies Category

- First, Second, and Third Place Winners received a certificate and the award trophy



Industrial Companies or Corporations Category

- First, Second, and Third Place Winners received a certificate and the award trophy



Start-up Engineering Companies Category

- First, Second, and Third Place Winners received a certificate and the award trophy



Scientific Research in Engineering Field Category

- First, Second, and Third Place Winners received a certificate and the award trophy





HIGHER COMMITTEE

The President of the UAE Society of Engineers has approved the formation of the Excellence and Creative Engineering Award Higher Committee as follows:

- Eng. Rashad Mohammad Bukhash, **Chairman**
- Eng. Mounzer Akram Gumaa Halloum
- Eng. Khalid Deemas Al Suwaidi
- Eng. Raed Al Qurashi
- Eng. Mohammed Mahmoud Karim
- Eng. Abdullah Al Shezawi
- Eng. Mohammad Al Ali
- Eng. Abdul Rahman Ahli
- Eng. Omar Al Bastaki
- Eng. Mohammed Al Hashemi



The higher committee worked on managing the administrative and financial affairs of the award and approving all the event, marketing, and promotion plans. As well as the award categories, forming sub-committees, in addition to recommending the winners to the chairman of the board of directors of the UAE Society of Engineers.



JURY COMMITTEE

The winners in the various categories are chosen by the award jury, and the evaluation process was completed in compliance with the established criteria.



**Dr. Riyadh Abdul
Latif Al Muhaidib**
Chairman



**Shaikha Dr. Nahla
Ahmed Al Qassimi**



**Dr. Abdulla Ismail
Al Zarouni**



**Dr. Rashed
Al Shaali**



**Dr. Mustafa
Al Sheriani**



**Dr. Fouad
Abou Chacra**



**Dr. Khalid
Abdul-Azim Abbas**



**Eng. Ahmed
Al Ali**

Information

All ECEA Participants and award winners are fully responsible for all information and materials they provide, including personal information and data submitted by the participating company, organization, or individual. The UAE Society of Engineers disclaims any responsibility for the shared information.

Confidentiality

Any individual or entity not directly involved in the award process will not have access to any of the information or documents linked to applications for the Excellence and Creative Engineering Award categories. Maintain extreme confidentiality about all information and materials.

The Winners Selection

A jury committee consists professionals and specialized academics in the engineering field will choose the winners in each category of the Award (individuals, institutions, corporations, authorities, and societies). A series of meetings convened to study the nomination files and assess the participants' achievements in accordance with the criteria for each category to reach unanimous judgments.



AWARDING CEREMONY



Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, Eng. Abdulla Yousef Al Ali, President of the UAE Society of Engineers, and Eng. Rashad Bukhash, chairman of the Higher Committee honored the winners of the second edition of the Excellence and Creative Engineering Award 2023, during a ceremony organized by the UAE Society of Engineers at the Mohammed bin Rashid Library. The award celebrated the pioneers in the engineering sector, who presented creative designs and projects based on innovation and the application of best practices and contributed to creating a qualitative shift in engineering creativity, which has become a unique and distinctive feature of the UAE.



The ceremony was attended by His Excellency Saeed Mohammed Ahmad Al Tayer, the Managing Director and CEO of the Dubai Electricity and Water Authority, as well as members of the society's board of directors, the judging committee, and numerous officials from public and private sector. It was also attended by professionals, and stakeholders from the government and private sectors, as well as Arab and foreign media.



The award ceremony began with the UAE national anthem, followed by a video about the award and its objectives, after which Eng. Abdulla Yousef Al Ali, President of the UAE Society of Engineers, delivered his speech, in which he expressed his sincere thanks and appreciation to Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, for his support and encouragement of the award, which serves to support initiatives seeking to achieve national visions and enhance the cultural face of our beloved UAE.



Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, accompanied by Eng. Abdulla Yousef Al Ali, President of the UAE Society of Engineers, and Eng. Rashad Bukhash, chairman of the Higher Committee honored 29 winners from Legal Personality category, represented by engineering offices, companies, and departments, and the Individual awards category targeting creative individuals.

The ceremony also witnessed the organization of the Excellence Exhibition, which showcased the best projects, participations, and distinguished engineering practices to the visitors from companies and individuals, who qualified in the advanced stages.





Eng. Abdulla Yousef Al Ali

President of the UAE Society of Engineers Welcome Speech

" Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, the Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences.

**Your Excellencies and Honorable Guests,
Representatives of government and private entities,
Our media partners,
Ladies and Gentlemen,
Peace be upon you and the mercy of Allah and His blessings.**

Please allow me to welcome you to the opening of the second edition of the Excellence and Creative Engineering Award 2023, which is organized by the UAE Society of Engineers, with the generous support and sponsorship of Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme President of the Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences.

We are on the eve of announcing the names of the winners of our edition for this year, which came as a continuation of the achievements of the previous edition with its unprecedented success. It is important to note that the Excellence and Creative Engineering Award is the first of its kind in the UAE, providing an ideal platform to highlight the best national innovative engineering practices and models.

Its goal is to promote and encourage a culture of excellence, creativity, and innovation, igniting the spirit of competition, leadership, and excellence in various engineering fields.

This is aimed at enhancing the cultural renaissance in the UAE by leveraging technological and digital advancements to keep pace with the rapid global growth.



Distinguished guests,

Our wise government has exerted tremendous efforts to achieve a qualitative and cultural leap in all fields, notably through various visions and initiatives, including the UAE Centennial 2071, which considers innovation a national element. The Excellence and Creative Engineering Award is one such national initiative that reflects the visionary leadership and emphasizes the Society of Engineers UAE's commitment to promoting a culture of innovation and excellence in various engineering field.

Sheikh Rashid bin Hamdan bin Rashid Al Maktoum,

You have always been proactive in supporting initiatives that seek to achieve national visions, and racing to adopt projects that enhance the civil face of our beloved country. From here, I extend my sincere thanks and appreciation to you for what you have provided and continue to provide in terms of support, encouragement, and support, especially for the award. I also thank you for your journey full of giving that has contributed to enhancing the UAE's position on the map as the most advanced and growing countries.

Ladies and gentlemen,

We are proud today of many inspiring and successful stories in the engineering field, stories of success that inspire us and prove our ability to achieve excellence and superiority. I offer my sincere congratulations and best wishes to them and to everyone who participated in the thirteen categories of the award. I congratulate you all. With you and with the creators in other fields, the UAE has achieved its leadership and excellence.

Finally, I am pleased to express my gratitude to everyone who contributed to supporting the award, whether from government or private institutions. I would also like to extend my gratitude to the award's supreme committee, the jury members, and all the society members for their efforts and dedication. Special mention goes to our media partners for their prominent role in conveying media messages to the public. Thank you all.

Before concluding, allow me once again to extend my sincere thanks and appreciation to you all, and to congratulate the winners of this year's edition of the award, wishing those who were not lucky to be among the winners of the next edition.

Thank you and peace be upon you, the mercy of Allah, and His blessings.







INDIVIDUAL CATEGORIES WINNERS

Leading Personnel Award



HE Saeed Mohammed Ahmad Al Tayer

Vice Chairman-Dubai Supreme Council of Energy Managing Director & CEO,
Dubai Electricity & Water Authority

Outstanding Engineer Category



1

Mansour Faried

Chief Engineer,
CSCEC Middle East (L.L.C)



2

Mohamed Shabana

Principal Architect,
Dubai Municipality



3

Loay Al Noor

Planning & Development
Chief Engineer,
Abu Dhabi City Municipality

Rising Engineer Category



1

Noora Al Marri

Entrepreneur, CEO of
YouTECH



2

Khalifa AlShaiba

Engr Electro Mech Maint,
**Dubai Electricity & Water
Authority**



3

Zainab Alhosani

Project Manager,
Department of Municipalities
and Transport, **Abu Dhabi
City Municipality**



3

Fahad AlBlooshi

Project Manager,
**Department of Finance
Ajman**

Outstanding Student Category



1

Kareem Morsi

American University of
Sharjah



2

Rashed Alshamsi

Higher Colleges of
Technology



3

Prashveen Prasad

American University of
Ras Al Khaimah



3

Shahad Elshehaby

University of Dubai



Leading Personnel Category

CELEBRATING EXCELLENCE IN ENGINEERING



HE Saeed Mohammed Ahmad Al Tayer

**Vice Chairman-Dubai Supreme Council of Energy Managing Director & CEO
Dubai Electricity & Water Authority PJSC (DEWA)**

H.E. Saeed Mohammed Ahmad Al Tayer has an overall experience of more than 35 years in the field of telecommunications, energy, water, infrastructure, oil, gas and industry.

Under his leadership since 1992, DEWA group has achieved unprecedented success and is recognized today to be one of the most distinguished utilities world-wide. His Excellency founded several successful companies, notably Emirates Central Cooling Systems Corporation (EMPOWER), Etihad Energy Services Company (Etihad ESCO), Mai Dubai, Digital DEWA among others and some of these are already market leaders. Most recently HE Al Tayer steered DEWA group in its historic IPO, which attracted overwhelming global demand and was oversubscribed 37 times.

His Excellency Saeed Mohammed Al Tayer is a Member of the Dubai Council, Member of the Dubai Executive Council and Strategic Affairs Council, Dubai Supreme Fiscal Committee, Chairman of Infrastructure and Environment Committee of the Dubai Executive Council from 2009 up to 2018, Chairman of Emirates National Oil Company (ENOC), Chairman of Dubal Holding, Chairman of Dragon Oil Company, Chairman of Oilfields Supply Center Limited, Vice Chairman of Emirates Global Aluminium (EGA), Vice Chairman of Dubai Supreme Council of Energy, among other representations.

His Excellency received a number of prestigious awards such as the "Middle East Champion of Energy" award received at the World Green Economy Summit 2015 from the United Nations Development Programme (UNDP). On 18 May 2016, the UNDP appointed His Excellency as "UNDP National Goodwill Ambassador for Sustainable Development Goals". In addition, the Swiss Business Council, Dubai & Northern Emirates awarded His Excellency the prestigious "Lord of Matterhorn Award". Moreover, His Excellency received an honorary doctorate from Amity University in Dubai in appreciation of his continuing innovative efforts to achieve excellence and enhance scientific knowledge and sustainability. Also, His Excellency received the prestigious Honorary Fellowship from the Energy Institute, United Kingdom.



Outstanding Engineer Category

CELEBRATING EXCELLENCE IN ENGINEERING



Mansour Faried

Chief Engineer, CSCEC Middle East (L.L.C)

Mansour Faried, a distinguished Chief Engineer and key executive at China State Construction Engineering Corporation Middle East, is a leading figure in construction innovation and technology. Holding a master's degree in construction management from Reading University, with a specialization in Construction Innovation, Building Information Modelling (BIM), and 3D printing applications in construction, Mansour boasts over 21 years of extensive experience in overseeing mega, complex, and landmark projects. At the helm of the Technology and Quality Management team, Mansour has cultivated a culture of innovation, efficiency, and collaboration within the organization. His visionary leadership has positioned him as a pioneer in introducing cutting-edge technologies, establishing himself as a driving force in the rapidly evolving landscape of the construction industry. Under Mansour's leadership, CSCECME has achieved significant milestones, winning prestigious awards such as the "CSCEC Craftsman," where Mansour, as the first and only foreign employee, was honored. This recognition highlights his dedication, collaboration, and innovative leadership. Additionally, he received the "ConTech Hall of Fame" for Construction Technology Leader in 2023 and the "Technology Leader of the Year 2022" from the Big 5 Construction Impact Award. Noteworthy achievements include managing the technical study and proposal for iconic projects like Dubai Creek Harbour Tower & Jeddah Kingdom Towers (proposed world's tallest buildings). Mansour has seamlessly integrated virtual BIM models into reality through VR, AR, QR codes, and cloud platforms. Furthermore, he established the "CSCEC 3D Printing Research and Development Center Middle East." Mansour's annual Technical Conference has become a cornerstone, showcasing the latest in construction technology and innovation for the past seven consecutive years. His commitment to knowledge dissemination is evident through technology training sessions, technical articles, and initiatives such as the "CSCECME Knowledge Champion Competition." Mansour played a pivotal role in project execution related to precast segmental bridge construction, toilet pods, MEP modular construction, and BIM implementation. He successfully spearheaded a three-year Engineering initiative, launched CSCEC ME's Technical Award, and proposed research topics for collaborative R&D with affiliated universities. **Mansour Faried's** outstanding contributions, innovative spirit, and transformative leadership distinguish him as an exceptional engineer, propelling CSCECME to new heights in the fields of construction technology and sustainability.



Mohamed Hamdy Ahmed Shabana

Principal Architect, Dubai Municipality

Mohamed Hamdy Ahmed Shabana is a Principal Architect Engineer with a rich professional background and extensive experience in the engineering field, particularly in City Beautification and Public Projects Management at Dubai Municipality. He holds a Bachelor's degree in Architectural Engineering with an excellent project rating and received the distinction Topper award from the University of West London in 2023 for his Master's degree in Computer Science, specializing in Generative Artificial Intelligence. This demonstrates a unique blend of expertise in architectural engineering and modern computational cutting-edge technology, as well as digital transformation. His commitment to professional development is evident through his memberships in the Egyptian Engineers Syndicate and the Engineers Association in the UAE. With over 23 years of experience, including 16 years dedicated to Dubai Municipality, Mohamed has been a key contributor to transformative initiatives, emphasizing innovation, with a strong focus on enhancing efficiency and innovation in engineering practices. Mohamed has been responsible for designing numerous engineering projects for Dubai Municipality, known for their creative design and excellence. These include heritage markets like Naif Souk, Al Fahidi Souk, and Hatta Souk, as well as specialized markets and decorative works for the Hamdan Bin Mohamed Bin Rashid Sports Complex, among other creative projects, earning him certificates of appreciation. One of his significant initiatives was the implementation of the Building Information Modeling (BIM) system in 2011 in general projects, aimed at improving the engineering work environment. This initiative resulted in significant benefits, including reduced project design time and increased engineering project efficiency. It showcased his strategic vision and commitment to staying at the forefront of global advancements transformations in the field. He has also initiated the use of virtual reality and augmented reality for engineering project design, emphasizing quality, speed, and an impressive presentation style. Another groundbreaking initiative he led in 2023 was DM BRAIN the application of Generative Artificial Intelligence models for Dubai Municipality, aiming to revolutionize the working environment by comprehensively integrating artificial intelligence systems into all government and engineering applications, contributing to the smart governments of the future. Furthermore, Mohamed has delivered numerous lectures and training programs for Dubai Municipality in areas such as parametric architecture, design, Building Information Modeling, digital transformation, and Artificial Intelligence.



Loay Mahmoud Mohamed Ahmed Al Noor

Planning & Development Chief Engineer, Abu Dhabi City Municipality

Engineer Loay is a distinguished professional with intensive diversified experience of + 29 years in engineering & HSE in governmental & private sectors in Abu Dhabi & Dubai spanning from oil & gas, building & construction, maritime, civil aviation, cement industry, groundwater & water treatment. Holding a master's degree in engineering management & a bachelor's degree in chemical engineering with honors, Loay's career showcases a commitment to excellence. His achievements include the successful development & implementation of HSE management system & energy management system across his career. As a leader in incidents investigation & audits, he has significantly contributed to enhanced HSE measures. Loay holds international accreditation certifications as a Lead Auditor for multiple ISO standards, such as ISO 14001, ISO 45001 & ISO 50001, and is recognized as a Certified Practitioner with Grade "A" for the Abu Dhabi Emirate Occupational Safety & Health System Framework which owned by Abu Dhabi Public Health Center. His commitment to professional development is evident through obtaining the recognized international certifications like NEBOSH International General Certificate of Occupational Safety & Health, IOSH Managing Safely Certificate, Lead Auditor certifications, & Accidents Lead Investigator Certificate. He has undergone extensive training in risk management, environmental disasters management, and maritime ports safety and security. He has significant achievements in the fields he worked, such as obtaining many prestigious int'l awards in the energy management field, such as Energy Leadership Award for two cycles, & the Int'l Safety Award from British Safety Council of year 2022, "Excellence Category", & the Royal Society for Prevention of Accidents in Britain for "Gold Category" for year 2023 & "Silver Category" for year 2022. We shouldn't forget the great contributions of Loay to his employer in obtaining & maintaining int'l & local accreditations for HSEMS & EnMS. As a member of prestigious organizations like IOSH in the UK, the American Society of Safety Professionals (ASSP), Emirates Engineers Association, & the Environment Friends Association in Abu Dhabi, Loay's standing in the professional community is well-established. His license as a registered engineer in the Abu Dhabi Emirate Engineers Classification & Registration System further attests to his credibility. His profile is a testament to his dedication to excellence, innovation, and the highest standards of engineering & HSE stewardship. His contributions have made a lasting impact on the engineering & HSE landscape, making him a deserving candidate for Excellence and Innovation Award from the UAE Engineers Association.



Rising Engineer Category

CELEBRATING EXCELLENCE IN ENGINEERING



Noora Hamad Sultan Hamad Almarri

Healthcare Engineering Fellow, Entrepreneur, CEO of YouTECH

Noora has been honored with a Healthcare Fellowship from the United Kingdom Research Institute (UKRI) at University College London, showcasing her commitment to advancements in healthcare. Serving as a Visiting Lecturer in Entrepreneurial BioTech at HEC, Paris, a renowned business school in France, she has made notable contributions to academia. Noora's accomplishments include receiving the first prize in Collective Intelligence Development at the Global Ideathon Conference in Jeddah, Saudi Arabia, in 2022. As the first Emirati to work on analog Integrated Circuits Design for biomedical implantable devices at TSMC and XFAB, Noora has been at the forefront of technological innovation. Her impact extends to the academic realm, where she has published 20 papers in high-impact journals, conferences, and conferences live demonstrations. Notably, she was fully funded as an ambassador and presenter at the Global Youth Scientist Summit (GYSS) by the Singapore Prime Minister's Office winning first prize. Noora also won three best research presentation prizes in Circuits and Systems, Women in Engineering, and Women in Circuits and Systems in the UK. As the CEO of YouTECH, she has represented both the UAE and the UK at Viva Tech Paris. Additionally, she has served as a Postgraduate Teaching Assistant at University College London (UCL) and holds an Associate Fellowship in Higher Education. Noora's commitment to innovation and impact is further exemplified by her receipt of the Sandoq Al Watan Fellowship for designing a front-end detector for the Light-1 satellite mission. As a Minisatellite mission Grant Winner by the UAE Space Agency, she contributed to the successful launch of the Light-1 Satellite. In the realm of education outreach, Noora has hosted students through the In2scienceUK program, empowering disadvantaged youth in STEM careers in bioelectronics.

In her role as an Electronics Lecturer with Immerse Education in London, she has demonstrated her expertise and dedication to education. As a member of the League of European Research Universities, she played a crucial role in proposing new EU university policies for international students and contributed to a manifesto for the multidisciplinary structure of research and education. Noora's commitment to social impact is evident in her work in Dharavi, Mumbai, where she designed solutions for local community sustainability problems. She has also collaborated with Urbz, an Urban research and active collective, to innovate solutions for the plastic recycling industry. Furthermore, she participated in building homes in rural areas for families in Thailand and Jordan.



Khalifa Abdulla Ibrahim Hassan AlShaiba

Engr - Electro Mech Maint Transmission Power - Transmission Civil Maintenance

Dubai Electricity & Water Authority

Khalifa Abdulla Ibrahim Hassan AlShaiba stands out as a distinguished professional with a rich background in Mechanical Engineering, complemented by a Master's in Engineering Management from RIT. His commitment to continuous learning is evident through more than 670 hrs of training sessions attended and over 239hrs of knowledge-sharing sessions, impacting over 3000 individuals. Notably, he holds memberships in prestigious organizations such as ASHRAE, Emirates Volunteering, Consumer Rights ,Society Of Engineers UAE, CIBSE, and WWF - Leaders Of Change.

In addition to his academic achievements, Khalifa has actively contributed to various professional societies and councils, including being a member of DEWA & Transmission Power Youth Council and member of Emirati Youth Team for Digital Disruption Initiatives. His dedication to sustainability is reflected in his certifications, including Certified Crises Management Professional, Certified Sustainability Officer, Certified PV System Designer, Certified Lean Six Sigma Yellow Belt and certified digital transformation practitioner.

Khalifa's impact extends beyond certifications, as he has authored five technical publications, one of which was approved and presented at the MENA-SC Conference. His publications cover diverse topics, such as active liquid-based thermal management of PV modules, integrating 3D printing technology into the aviation industry's MRO supply chain, SAP Technical Manual, LCA assessment of environmental impact in electric vehicles, and retrofitting fluorescent lights to LED for enhanced efficiency and sustainability.

As a proactive contributor to DEWA's initiatives, Khalifa has submitted over 100 ideas, both internally through DEWA AFKARI Platform and externally in the UAE, resulting in significant savings exceeding 2 million dirhams. Graduating from the Ambassadors Of UAE National Identity Program Identity, Khalifa aligns his efforts with the state and authority's goals and strategies.

His commitment to community service, extensive training, diverse certifications, and impactful publications highlight Khalifa Abdulla Ibrahim Hassan AlShaiba as a multifaceted professional dedicated to excellence in engineering, sustainability, and knowledge dissemination.



Zainab Mohamed Alhosani

**Project Manager, Department of Municipalities and Transport
Abu Dhabi City Municipality**

Eng. Zainab Mohamed Alhosani embarked on her professional journey in 2017 at Abu Dhabi Municipality, marking the beginning of a remarkable career following the completion of her Bachelor's degree in Applied Science, Electronics Engineering Technology in 2016. With an unwavering commitment to professional growth, she is now completing a Master's degree in Electrical Engineering and Computer Science. As a Senior Engineer, Zainab has demonstrated leadership by setting an example for her peers. She actively supervises and researches modern work methods and technologies, consistently seeking the best global practices for application. Her commitment to innovation is evident through the exploration of global best practices and modern technologies, including solar energy lighting, with the aim of updating standards and specifications used in Abu Dhabi emirate. Transparency is a key element in Zainab's approach, as she responds to entities requests and requirements for infrastructure needs and maintains regular communication. She ensures clarity by preparing official letters to external entities, providing status updates on requests, and indicating timelines for completion, handling over 150 requests. Zainab places a strong emphasis on empowerment, motivating department employees to leverage their capabilities and contributing to municipal goals. Her efforts include training department newcomer employees and work placement university/school students, fostering a culture of continuous learning and development. She has trained eight university and school students during her tenure. Maintaining a positive outlook for the department, Zainab handles customer complaints and external communications with an assurance that requests will be executed. This positive approach is reflected in her handling of more than 200 requests and complaints from the emirate residence through CRM.

Zainab's commitment to productivity is evident in her achievements during remote work periods and outside official working hours. She has achieved the highest departmental productivity, meeting all performance indicators, in addition to participating in volunteering works after working hours and in weekends.



Fahad Saleh Murad Abdallah AlBlooshi

Project Manager, Department of Finance-Ajman

Engr. Fahad Saleh Murad Abdallah AlBlooshi, a resident of Fujairah, serves as a Project Manager in the Finance Department-Government of Ajman. With a Bachelor's degree in Electrical Engineering, a Master's degree in Engineering Management, and ongoing pursuit of a Doctorate in Electrical Engineering, Fahad is a dedicated professional with a rich career journey. Beginning as a Security Officer in 2008, Fahad's dedication led him to complete a Bachelor's degree in Electrical Engineering in 2013. His journey continued at Fujairah Electronic Government for 8 years, where he progressed from a Telecommunications Engineer to the Head of Business Development Department. In 2017, Fahad earned a Master's degree in Engineering Management and later became an Assistant Instructor at Ajman University before joining the Ajman government as a Project Manager in 2023. Fahad's achievements include 10 years of diverse work experience, successful management of 50 projects, and securing the first place in the Abu Dhabi Economic Development Council competition for the best engineering project in energy. He has actively participated in 35 conferences and workshops, contributed to the founding committee of the Fujairah Government Excellence Program, formulated 15 policies, and introduced 15 innovative initiatives.

In the realm of research, Fahad has published scientific articles in international journals and conferences, focusing on topics such as Smart integrated energy monitoring, solar panel monitoring systems, and advancements in solar photovoltaic systems.

His accolades include the first place in the Abu Dhabi Economic Development Council competition and the IT Department of the Year Award for Fujairah eGovernment from the tahawultech- GovTech. Fahad has also represented the Fujairah Electronic Government and the Fujairah Youth Council in international engagements, including the United States and Saudi Arabia.

With extensive project management experience, Fahad has successfully overseen various engineering and technical projects for the governments of Fujairah and Ajman, managed graduation projects at the University of Ajman, and completed projects at the Fujairah Scientific Club.





Outstanding Student Category

CELEBRATING EXCELLENCE IN ENGINEERING



Kareem Ahmed Mahmoud Morsi

Mechanical Engineering with concentration in Renewable Energy Engineering
American University of Sharjah

Kareem Ahmed Mahmoud Morsi, a Mechanical Engineering graduate from the American University of Sharjah (AUS), is a passionate engineer specializing in Renewable Energy Engineering. Holding a Bachelor's degree with summa cum laude honors and a CGPA of 3.96/4.00, Kareem has consistently demonstrated academic excellence and a keen analytical mindset.

Currently pursuing a Master's in Mechanical Engineering at AUS, Kareem participates in the Accelerated Masters Program (AMP), emphasizing Power, Renewable Energy, Sustainability, and Refrigeration and Air-Conditioning. With proficiency in various programming languages, engineering software, and mathematical tools, he possesses a robust skill set that extends to Electrical Engineering simulation and fire engineering CFD software.

As a Graduate Research & Teaching Assistant, Kareem takes a leading role in research projects spanning Power, Renewable Energy, Sustainability, HVAC, and green hydrogen production. His expertise extends to artificial intelligence and machine learning applications. Concurrently, as a Teaching Assistant, he contributes to the educational experience of mechanical and mechatronics engineering students.

Kareem's professional experience includes a stint as an Intern at AGMC - BMW/MINI/Rolls Royce, where he gained hands-on expertise in aftersales services, rotating through various departments. He actively contributed to operational efficiency and customer satisfaction in a collaborative team environment.

His commitment to research is evident from his role as an Undergraduate Research Assistant, collaborating on saltwater desalination research using Thermodynamics, HVAC, and Refrigeration principles. Kareem's achievements also extend to leadership roles, including President of the Mechanical Engineering Honors Society 'Pi Tau Sigma Chapter' and Treasurer of the Algerian Cultural Club.

Kareem's academic achievements include receiving the Undergraduate Excellence Award in Mechanical Engineering, heading a successful senior design project on designing a Solar-Water Electrolyser, and earning prestigious scholarships such as the Al Ghurair STEM Program scholarship from the Abdulla Al Ghurair Foundation for Education. His consistent presence on the Dean's List and various merit scholarships highlight his commitment to education.



Rashed Ali Abdulla Rashed Alshamsi

Logistics Engineering

Higher Colleges of Technology

Rashed Ali Abdulla Rashed Alshamsi, a dedicated student pursuing a Bachelor's degree in Logistics Engineering at the Higher Colleges of Technology (HCT), stands as a strong contender for the 'Outstanding Student' Award. Holding a high GPA and a commitment to excellence, innovation, and community service, Rashed's academic journey reflects his passion for engineering and dedication to learning. Throughout his college years, Rashed maintained an outstanding academic record, consistently achieving high honors. Notable achievements include his involvement in a SURF Publication, where he contributed to an empirical analysis of cost-effective solutions to the bottleneck problem in order fulfillment, showcasing his expertise in logistics engineering principles. As a leader on campus, Rashed served as the President of the Student Council, facilitating communication between students and faculty, ensuring a supportive campus environment. Additionally, he represented HCT as an ambassador for COP28, contributing to global discussions on environmental challenges. In his current role as the HCT Campus Director of HULT Prize, Rashed demonstrates unwavering dedication to cultivating social entrepreneurial solutions for pressing global challenges. As a distinguished SMSP NYUAD Scholar, he serves as a prime example of academic excellence, leadership and professional development.

A public speaker at conferences, seminars and panel discussions, and a representative of the Higher Colleges of Technology and Engineering Students in forums and events. One of the HCT Influencers, he takes responsibility for spreading awareness and knowledge about various issues and topics among students. In terms of community service, Rashed secured the first place in volunteer work among all HCT students, emphasizing his dedication to making a positive impact. His leadership roles in various student organizations, including the Logistics Engineering Club and as the Logistics Engineering program representative, attest to his commitment to fostering a collaborative academic environment.

Rashed's internships at Etihad Airways PJSC and Procter & Gamble allowed him to apply his skills in procurement, supply chain management, and process digitalization. His achievements in negotiation, inventory management, logistics coordination, and stakeholder communication demonstrate his practical expertise. Currently serving as a Convero Administrator at Wood PLC, Rashed plays a crucial role in overseeing the organization's timesheet system. His innovative automation of the email system for generating login credentials significantly improved efficiency and productivity within the company. Participating in the Jusoor Program and being a member of the Green Youth Council at the Environment Agency reflect Rashed's commitment to continuous learning, leadership development, and contributing to sustainability initiatives.



Prashveen Prasad

Petroleum Engineering

American University of Ras Al Khaimah

Prashveen Prasad, a recent graduate with a Bachelor's degree in Petroleum Engineering from the American University of Ras Al Khaimah (AURAK), stands out with an impressive academic record, earning a CGPA of 3.9/4 (summa cum laude). Having graduated on June 25, 2023, Prashveen's achievements are well-documented in his attached transcript.

At the university level, Prashveen's academic prowess is evident through multiple awards, including the Academic Convocation Award for three consecutive years (2019-20, 2020-21, 2021-22), recognition on the Dean's List and President's List, and the receipt of the Innovative Student Award in 2023. His excellence extends to public speaking, with awards in 2021 and 2023, and the Undergraduate Achievement in Research Award in 2022.

Prashveen's contributions also extend nationally, earning him the Hamdan bin Rashid Al Maktoum Award for Distinguished Academic Performance in 2022 and recognition under the UAE Golden Visa - Outstanding Student Category. Internationally, he emerged as the winner of the Petro Cup MENA Regional Student Olympics in 2022 and presented papers at prestigious conferences such as ADIPEC 2022, ICECTA 2022, and GOTECH 2023.

His leadership role as the President of the Society of Petroleum Engineers (SPE) Chapter resulted in the chapter receiving the SPE Chapter Excellence Award in 2022, highlighting its outstanding technical activities, professional development, membership engagement, and community service. While pursuing Bachelor's Prashveen also worked as a peer tutor and Teaching Assistant at AURAK and received AURAK's Student Assistant Award in 2022 and 2023.

In the realm of publications, Prashveen presented impactful papers at conferences, notably "Well Exposed Geological Outcrops Enhancing Reservoir Static Modelling" at ADIPEC 2022, where Northern Emirates' outcrops improved reservoir static modeling. Another paper, "Optimize Oil Field Electrification to Minimize Power Consumption," presented at ICECTA 2022, focused on optimizing electrical submersible pumps to minimize power consumption, CAPEX, and OPEX.

As part of the SPE University Student Service @GOTECH 2023, Prashveen collaborated on a project titled "Together for a Sustainable Future," aiming to reduce carbon emissions in the energy sector by 50% within ten years, showcasing his commitment to sustainability.



Shahad Refaat Hassan Elshehaby

BS in Electrical Engineering with concentration in Communication Engineering
University of Dubai

Shahad Elshehaby, a dedicated Communications Engineering student at the University of Dubai, has established herself as a high-achieving and involved individual throughout her academic journey. Currently pursuing her BS in Communications Engineering, Shahad has maintained an impressive CGPA of 3.98, showcasing her commitment to academic excellence. In addition to her studies, she actively contributes to the university community and beyond.

Shahad holds the position of IEEE UAE Section Student Representative, a role she assumed in March 2023. Her involvement in student leadership extends to being the Vice President of the Students' Union since August 2022 and serving as the Students' Union Media Officer from February to May 2022.

Her commitment to community service is evident in her volunteer experiences. Shahad actively participated in various events such as the 2nd Engineering and IT Alumni Annual Dinner, World AI Show by Trescon, Dubai FinTech Summit, and the 6th Annual Charity Gala Suhoor organized by the Alumni Association of the University of Dubai. She also contributed to the 28th IEEE International Conference held at the University of Dubai as well as volunteering as a media member in Expo 2020. In terms of work experience, Shahad is currently a Student Worker at the Quality Assurance Department of the University of Dubai. Her dedication to her field is further highlighted by her role as a Peer Tutor and Student Assistant in the College of Engineering & IT.

Shahad has been recognized for her achievements with several awards, including winning the University of Dubai Pitching Competition in 2023 and being selected as the Future Disruptors Program Winner by Software AG in 2022. She also secured the 2nd position in the Youth Sustainability Competition at the University of Sharjah in 2022.

Her passion for continuous learning is evident through the numerous certificates she has earned, covering a range of topics from artificial intelligence to data science. Shahad has actively participated in various programs, such as the UAE AI Summer Camp and the Scientific Research Ambassador program.

In addition to her academic and professional engagements, Shahad has demonstrated her public speaking skills at various events, serving as the Master of Ceremony for IEEE Social Event, Graduation Ceremony, New Student's Orientation Program, and the Dean's Honors Event.

Her research contributions are notable, with a conference paper titled "Cuneiform Symbols Identification System using Correlation Technique," presented at the 2022 5th International Conference on Signal Processing and Information Security.



جائزة التميز والابتكار الهندسي
EXCELLENCE AND CREATIVE
ENGINEERING AWARD

تحت رعاية وحضور الشيخ راشد بن حمدان بن راشد آل مكتوم
الرئيس الأعلى لمؤسسة حمدان بن راشد آل مكتوم للعلوم الطبية والتربية
Under the patronage and presence of Sheikh Rashid bin Hamdan bin Rashid Al Maktoum
Supreme President of Hamdan bin Rashid Al Maktoum Foundation for
Medical and Educational Sciences

جمعية المهندسين
society of engineers



نحتفي بالتميز في القطاع الهندسي CELEBRATING EXCELLENCE IN ENGINEERING

الدورة الثانية
SECOND EDITION
23



جائزة التميز والابتكار الهندسي
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الدورة الثانية
SECOND EDITION
23





LEGAL PERSONALITY CATEGORIES AWARDS

Pioneering Engineering Projects Category



Best Mega Project
Museum of the Future



Best Medium Project
Lycée Libanais
Francophone Privé
Meydan (LLFPM)



Best Small Project
Thukher Club for
Senior Citizen

Engineering Consultancy Companies Category



**Al Turath Al
Omrani Engineering
Consultants**



NAGA Architects



**Dewan Architects
Engineers**

Engineering Services Companies Category



Dubai Aviation Engineering Projects

Construction Companies Category



**Zublin Construction
LLC**



**Innovo Roads
Infrastructure &
Marine Works L.L.c**



**Al Qabdash Global
Building Contracting
LLC**



Industrial Companies Category



Emirates Glass LLC



**East Gate Bakery
Equipment Factory**

Start-up Engineering Companies Category



3DXB GROUP

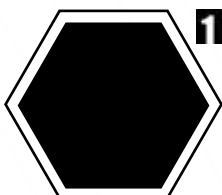


**Ekthaar
Agricultural L.L.C.**



Desert Board

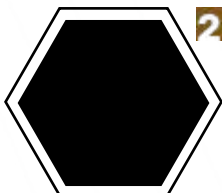
Scientific Research in Engineering Category



New thermal management technique for PV module using Mist/PCM/Husk: An experimental study

Researcher: Prof. Dr. Zafar Said

Organization: University of Sharjah



On the Coordination of Charging Demand of Electric Vehicles in a Network of Dynamic Wireless Charging Systems

Researcher: Eiman ElGhanam, Hazem Sharf, Yazan Odeh, Dr. Mohamed S. Hassan, Dr. Ahmed H. Osman

Organization: American University of Sharjah



Pioneering Engineering Project Category

CELEBRATING EXCELLENCE IN ENGINEERING



Museum of the Future

The Museum of the Future, which opened in February 2022, embodies the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the United Arab Emirates and Ruler of Dubai to make Dubai one of the most future focused cities in the world. Since launching, the museum acts as a global hub for visionaries, experts and the general public to design, create and study the future.

Located in the heart of Dubai, Museum of the Future stands as a testament to innovation, sustainability, and visionary design. As a premier exhibition venue, the museum redefines traditional concepts by serving as an incubator for ideas, an innovation catalyst, and a global hub for inventors, visionaries and futurists at both regional and global levels. The museum is an example of one of the world's most complex construction projects brought to life by the implementation of BIM for digital design and prototyping. The diagrid design, a defining feature of the museum, was meticulously planned to ensure optimal aesthetics and functionality. Modular construction methods further exemplified sustainability, reducing waste and improving project planning. Designed by the collaborative efforts of local expertise and leading international firms such as BuroHappold, Killa Architect, Cracknell amongst others. The Museum of the Future embraces cutting-edge technology and sustainable practices. Emirati artist Mattar bin Lahej designed the Arabic calligraphy that forms the museum's distinctive facade. A notable achievement is its LEED Platinum accreditation, facilitated by the implementation of Building Information Modeling (BIM). This 3D energy model enabled real-time collaboration among teams, resulting in a 45% reduction in water consumption and a 25% total in energy savings.

The Museum of the Future also emphasizes environmental responsibility through water reuse and recycling systems. Mound irrigation water collection and greywater recycling showcase a commitment to reducing water demands. Additionally, energy-efficient systems, including LED lighting, heat recovery HVAC systems, and variable frequency drives, contribute to the project's sustainability standards.

The project's success is not only measured by its architectural marvel but also by its transformative impact on work culture. The parallel approach to design and construction, made possible by BIM, fostered efficient decision-making, issue resolution, and stakeholder collaboration.



المدرسة اللبنانية الفرنكوفونية الخاصة ميدان (LLFPM)

The Lycée Libanais Francophone Privé Meydan (LLFPM) is an award-winning educational institution nestled in the heart of District 11 of Mohammed Bin Rashid Al Maktoum City, Dubai, which stands as an epitome of educational excellence. Acknowledged as the Sustainable Project of the Year 2020 and Educational Project of the Year 2021, LLFPM manifests cultural diversity through its architectural design and commitment to sustainability.

Designed with a focus on iconicity, simplicity, sustainability, functionality, and social connectivity, LLFPM incorporates innovative elements to enrich the learning environment. The concept philosophy draws inspiration from the multicultural fabric of Dubai, embodied in a distinctive facade that showcases an array of alphabets from various languages, symbolizing the universal language of learning.

The school's design spans different educational cycles, accommodating kindergarten to secondary education (Cycle 5), with specialised facilities like sports halls for different age groups. The layout prioritises segregation between educational cycles, ensuring a safe and conducive learning environment.

LLFPM places emphasis on sustainability, boasting a Platinum Sa'fat rating and employing eco-friendly practices. The design integrates solar panels, natural ventilation, daylighting strategies, shading structures, and landscape elements to enhance energy efficiency, occupant comfort, and mitigate the urban heat island effect.

The school's exterior is not only a visual testament to cultural unity but also a declaration of its green ethos, offering preferred parking for low-emission vehicles, electric charging stations, and bicycle racks.

Furthermore, LLFPM emphasizes waste management, employing a sort and segregate strategy and complying with recycling regulations. The landscaping plan incorporates native species, contributing to the local ecosystem and providing visual aesthetics.



Thukher Social Club

The Thukher Social Club, a pioneering initiative by the Dubai Government, stands as a transformative project dedicated to enhancing the well-being of senior residents in Dubai. With a capacity to accommodate up to 200 individuals, the club aims to establish a Blue Zone community, fostering active lifestyles, social engagement, and intergenerational connections.

Strategically located in the heart of Dubai within a lush park, the Thukher Social Club offers a tranquil oasis amidst urban life. The architectural design, inspired by the natural lines of the park, incorporates dynamic forms and sculpted green spaces, creating a harmonious integration with the environment. The building's steel structure, paired with off-white Aluminum Composite Panel (ACP) cladding, not only provides strength and design versatility but also contributes to energy efficiency.

The project prioritizes community engagement, offering citizens a platform for activities that promote a sense of ownership and responsibility for community growth. Additionally, diverse facilities for physical activities underscore the emphasis on promoting an active and healthy lifestyle among seniors. The environmental analysis factors in solar paths and wind patterns, informing the building's design to create comfortable and inviting spaces.

Recognized with a silver LEED certification for its commitment to sustainability, the Thukher Social Club integrates Building Information Management (BIM) technologies, ensuring efficient coordination, operation, and maintenance. This innovative approach not only saves construction time but also establishes a safe, functional, and productive environment for occupants and users. In its final form, the Thukher Social Club emerges as a distinctive and modern architectural achievement, embodying a commitment to well-being, sustainability, and community engagement.



Engineering Consultancy Companies Category

CELEBRATING EXCELLENCE IN ENGINEERING



Al Turath Al Omrani Engineering Consultations Office

Al Turath Al Omrani Engineering Consulting Office is an expert in architectural design, decoration, supervision and project management. With a team of committed and experienced engineers and experienced and centralized advice, we since our day believe the contentment of thousands of palaces and commercial centers and innovate many designs for different functions and concepts by following the design trends towards innovating. One of the basic elements of our work is the fusion of cultural diversity and different and diverse innovations, combining diversity and civilizations between modernity and ancient heritage. We are moving towards achieving sustainability thanks to its various aspects under the slogan "Today for Tomorrow" in order to meet advanced needs without compromising the ability of generations to meet their own and future needs. Our work is characterized by the highest standards of engineering and design, and a good reputation for innovation and results that stand the test of time. Al Turath Al Omrani Engineering Consultations now has a number of partners with other well-known consulting firms in Dubai, Abu Dhabi, Al Ain, Sharjah, Fujairah and Ras Al Khaimah in addition to shareholders all over the world. We are committed to providing innovative services that teams celebrate. We are committed to high-quality standards in our projects that improve the quality of our services. We excel in training. We excel in providing high-quality engineering services. Al Turath Al Omrani Engineering Consultations undertakes the work of designing modern facades using contemporary styles, and designing construction panels using the latest design, supervision, project management, planning and economic feasibility study programmes. And the direction and surveying work. It has experience for several twelve years, and has a five-star rating from the city of Ajman. It has the ISO 9001 certificate for quality performance and supports national efforts in preserving the urban heritage of the United Arab Emirates through its membership in the Urban Heritage Association. It includes a group of engineers with higher specialized experience that enabled him to complete various projects during the previous period. And deal with it with the utmost professionalism.



Naga Architects

Naga Architects is a prominent consultancy specializing in design practices with a commitment to core values such as excellence, integrity, innovation, creativity, enjoyment, and diversity. Founded in 2000 by Prof. Dr. Shams Naga, the company has experienced steady growth and operates in over 8 offices worldwide, including locations in Abu Dhabi, Boston, Cairo, Dubai, Riyadh, and Toronto. Naga Architects engages in diverse architectural projects globally, covering areas like architecture, master planning, planning, sustainable design, project management, health and safety, and interior design.

The company's mission is to build aesthetic communities by fostering urban development projects, emphasizing competency in designing various real estate initiatives. Naga Architects aims to bring about dramatic changes to urban characteristics, increase neighborhood attractiveness, and provide professional real estate design and development services. The firm has earned a prestigious name and aspires to be the first choice for property developers in the Middle East and globally.

Naga Architects has received numerous awards, including Best Luxury Studio in Dubai (Luxury Lifestyle Awards 2021) and Best High-End Residential Architecture Practice (UAE Business Awards 2021). The company is committed to sustainable design, adopting LEED's three key principles: social responsibility, nature stewardship, and economic prosperity.

The use of Building Information Modeling (BIM) and Deltek software is integral to Naga's design and engineering processes, allowing for efficient coordination and a reduction in design errors. The company operates within a BIM framework that incorporates inputs from structural, mechanical, electrical, and plumbing (SMEP) disciplines.

With over 430 diverse projects in more than 20 cities and a team of 100+ diverse staff, Naga Architects has expertise in master planning, urban design, public realm and landscape design, project management consultancy, architecture, BIM, construction management, and interior design. The projects span residential communities, high-rise buildings, palaces, luxury villas, and commercial developments, showcasing the company's commitment to delivering high-quality, detailed, and environmentally friendly designs.

Dewan

Architects + Engineers



Dewan Architects + Engineers

Dewan Architects + Engineers, established in 1984 in Abu Dhabi, United Arab Emirates, is a global multidisciplinary design consultancy. Employing over 550 professionals across its offices in the UAE, Saudi Arabia, Vietnam, the Philippines, Iraq, and Egypt, the company is consistently recognized as a leading force in global design by prominent industry publications. Its ethos is centered on a dedication to quality and design excellence, extending across various sectors such as hospitality, residential, commercial, retail, cultural, education, and master planning.

Key Projects

Oceano, Ras Al Khaimah, UAE: Dewan serves as the lead consultant for design and supervision in this project.

The Address Fountain Views, Dubai, UAE: Actively involved as the lead consultant for design and supervision of this prestigious Dubai project.

W Hotel, Yas Island, Abu Dhabi, UAE: Dewan played a crucial role as the lead consultant for design and supervision in the development of W Hotel on Yas Island.

Masaar by Arada, Sharjah, UAE: Dewan worked on three phases of Masaar, an upscale forest community in Sharjah, acting as lead consultant for the design and supervision of villas and townhouses in Sendian District, Kaya District, and Robinia District.

City Walk, Dubai, UAE: Dewan was the lead consultant for design and supervision in the development of City Walk, a prominent project in Dubai.

Astana Mosque, Astana, Kazakhstan: Dewan was responsible for the distinctive design of Astana Mosque, the largest mosque in Central Asia.

Dewan Architects + Engineers' portfolio highlights its expertise in designing and supervising a diverse range of projects, making significant contributions to the architectural landscape in various countries.



Engineering Services Companies Category

CELEBRATING EXCELLENCE IN ENGINEERING



Dubai Aviation Engineering Projects Corporation - DAEP

Entrusted with the responsibility of design, master planning, infrastructure development, and construction, Dubai Aviation Engineering Projects Corporation - DAEP is tasked with creating efficient aviation facilities, such as Dubai International Airport and Al Maktoum International Airport. The organization is wholeheartedly dedicated to excellence and innovation, with the goal of providing exceptional travel experiences and solidifying Dubai position as an unparalleled aviation hub.

Under the visionary leadership of His Highness Sheikh Ahmed bin Saeed Al Maktoum and the strategic guidance of Executive Chairman Khalifa Al Zaffin and CEO Suzanne Al Anani, DAEP effectively manages multi-billion dollar projects, placing a strong emphasis on stakeholder management for successful outcomes. The organization places great importance on continuous improvement and corporate excellence, fostering creativity, innovation, knowledge management, and strategic planning.

DAEP Future Foresight Framework proactively anticipates future scenarios, aligning projects with the UAE vision for the next 50 years. Officially recognized in 2012, DAEP history mirrors the impressive growth of Dubai aviation sector, marked by significant milestones such as the expansion of Dubai International Airport and the construction of key terminals and facilities.

Strategic plans, including SP 2020, DXB 2030, and SP 2050, outline capacity increases and development projects like Concourse 4, Terminal 2 expansion, and Al Maktoum International Airport. DAEP commitment to environmental responsibility is evident through initiatives aimed at reducing the carbon footprint, reusing resources, recycling waste, and incorporating renewable energy sources. The organization pursuit of LEED certification for new buildings underscores its dedication to sustainable practices, contributing to Dubai global recognition as a leading aviation hub.



Construction Companies Category

CELEBRATING EXCELLENCE IN ENGINEERING



ZÜBLIN STRABAG

WORK ON PROGRESS



ZÜBLIN Construction LLC

ZÜBLIN / STRABAG's range of services include general and specialized civil engineering, roads, bridges, legacy buildings, railways, dams, ports, water treatment plants and tunnels utilizing the best locally available resources complemented by our international team's know how and expertise through the project inauguration, realization, and project operation.

For nearly 120 years, ZÜBLIN / STRABAG's has been a leader in building construction and civil engineering, with an annual construction output of approximately €3.4 billion, making it the foremost player in Germany. A member of the globally operating STRABAG SE, ZÜBLIN attributes its success to the dedication of its 14,000 employees who, as a coordinated team, bring creativity and hard work to realize complex construction projects on time and within budget.

ZÜBLIN / STRABAG's services cover a spectrum of construction-related tasks, ranging from turnkey construction to civil engineering, bridge building, tunnelling, ground engineering, and public-private partnerships. The company prioritizes digitalization in construction processes and values partnership-based working relationships.

With a rich history, ZÜBLIN / STRABAG's has achieved significant milestones, including the introduction of innovative technologies, groundbreaking construction methods, and the development of advanced construction process software. The company places emphasis on continuous innovation, exemplified by its involvement in Construction 4.0 activities.

Founded by Eduard Züblin in 1898, the company evolved into Ed. Züblin AG in 1919. Since 2005, it has been a member of the Austrian-based STRABAG SE. With a workforce of 14,000 professionals, ZÜBLIN operates globally, generating an annual construction output exceeding €3 billion.

The company's projects in the UAE include the construction of a Pumped Storage Hydro Power Plant, the American Community School on Saadiyat Island, and the Abrahamic Family House, and its projects in the UAE also showcase its expertise in diverse sectors, including healthcare, arts, infrastructure, and industrial facilities.

This makes the difference for ZÜBLIN / STRABAG's Clients when it comes to making amazing things possible.

ZÜBLIN / STRABAG recognizes that success is generated by knowing our individual strength and working together as a team.



innovo



INNOVO Roads, Infrastructure & Marine Works LLC

INNOVO Roads, Infrastructure & Marine Works LLC, a subsidiary of ASGC (Al Shafar General Contracting), is a prominent national construction company with over 30 years of experience, operating in Dubai, Abu Dhabi, and the UK. The company is committed to adopting cutting-edge and sustainable practices in its diverse global projects, spanning construction, engineering, and real estate development. With branches in key locations, INNOVO employs a highly experienced team dedicated to providing top-notch services across four continents.

The company's vision is to deliver world-class construction and real estate development services globally, contributing to the creation of sustainable futures and enhancing the communities it serves. INNOVO strives to achieve this vision through the use of advanced technology, social value creation, and environmental protection.

INNOVO holds ISO certifications, including ISO 14001:2015 for environmental management, ISO 45001:2018 for occupational health and safety, and ISO 9001:2015 for quality management.

Notable projects by INNOVO include Mudon Central Park (Phase 5 & Phase 6), involving construction of enabling, roads, and infrastructure works; Ocean Villa (Bulgari), featuring the construction of eight luxury villas with associated marine, landscaping, and MEP works; and Murooj Al Furjan Villas and Townhouses for Nakheel, encompassing the construction of villas, townhouses, and infrastructure works.

INNOVO's commitment to excellence, innovation, and sustainability positions it as a leader in the construction, infrastructure, and marine works sectors, contributing to the development of societies and protection of the environment.



Al Qabdah Global Building Contracting L.L.C. (QBC)

Al Qabdah Global Building Contracting L.L.C. (QBC) is mainly a General Contractor in the areas of Construction, MEP and Enabling works with more than 2 Decades of experience in UAE.

Al Qabdah genuinely take pride in our outstanding track record of completed projects. Our diverse portfolio encompasses designing and planning, building, operations, engineering, and management services. Al Qabdah currently have projects in several locations. Al Qabdah staff are of high experience and its dedicated workforce brought the company to its recognition and competitive place in the construction industry.

QBC quality workmanship is the base of our strength today and our tomorrow's success. Al Qabdah provides a qualitative, economic, and cost-effective service, based on an understanding of our customer's needs and our own ability to deliver quality on time.



Industrial Companies Category

CELEBRATING EXCELLENCE IN ENGINEERING



Emirates Glass LLC

Emirates Glass LLC, a subsidiary of Dubai Investments PJSC, stands as a pioneering force in the engineering services sector, particularly as a major player in flat architectural glass processing within the Middle East. Established in 1997, Emirates Glass has been instrumental in shaping Dubai's skyline and contributing to its urban evolution. As part of Glass LLC, the first glass holding company wholly owned by Dubai Investments, Emirates Glass collaborates within group entities like Emirates Float Glass and Saudi American Glass, expanding its consumer reach not only locally but globally. The company prides itself on a commitment to innovation and creativity, evident in its cutting-edge technology adoption and ongoing research initiatives. Starting from a Leybold 6-cathode coating line to a state of the-art 20-cathode line from Applied Materials GmbH, Glaston Jumbo Series flat glass tempering line with Vortex Pro convection technology, LISEC Jumbo cutting line with automatic loading system and Vitro-Jet FS Jumbo digital Production line from Tecglass that can reproduce any graphic design in the most varied sizes at the fastest speed; Emirates Glass continually evolves its capabilities. The addition of the TERRA-G coater and the new machines has facilitated the development of innovative jumbo glass solutions like Double Silver and Solar-Low-E coatings. Emirates Glass boasts a diverse range of over 400 performance coatings, developed in-house to meet the most demanding specifications from consultants and architects. From hard coatings to solar control, low-emissivity, and double silver options, our products address both performance and aesthetic needs. We provide a variety of glazing units, including insulating glass, safety glass, bullet-resistant glass, and laminated glass. Specialized offerings, such as ARMAX anti-reflective coated glass; SmartLite switchable glass, transforming from clear to opaque in milliseconds, and ArmourLite bullet-resistant glass. Collaborating with SCHOTT, the Company offers fire-resistant glazing solutions with rich colors and patterns, meeting international safety and energy efficiency standards. Emirates Glass is not just a technological leader; it is also dedicated to sustainability. The company has installed photovoltaic rooftop systems consisting of more than 3000PV panels and LED lighting showcasing its commitment to reducing the carbon footprint. Emirates Glass has also embraced other environmentally friendly practices including water recycling for irrigation, energy-efficient glass products, and a focus on responsible sourcing of raw materials. The company actively engages in community outreach and Corporate Social Responsibility (CSR) initiatives, emphasizing healthcare, and skill development. Its holistic approach to sustainability extends to societal, economic, and environmental dimensions. Emirates Glass complies rigorously with the highest standards, holding certifications such as ISO 14001 for environmental management and ISO 50001 for energy management.



East Gate Bakery Equipment Factory

In 2006, Abdul Raheem Qasem Al Marzouqi and his wife Khadija Abdulla laid the foundation for what would become East Gate Bakery Equipment Factory. This venture marked a significant chapter in Al Marzouqi's 40-year journey of resilience and accomplishment.

Mr. Abdul Raheem Qasem Al Marzouqi Starting as the owner of a simple manual bakery, his determination and hard work led to the establishment of Qasem Al Marzouqi Factory along with Mrs. Khadija Abdulla , ultimately making Them the pioneer manufacturer of bakery equipment in the UAE and the sole producer of Arabic Bread equipment in the Gulf region.

At East Gate, the mission is clear, to be the premier bakery equipment manufacturer in the UAE and extend this leadership to the entire Gulf region across all bakery equipment categories. The vision revolves around customer satisfaction through the provision of cutting-edge technologies and machinery.

East Gate's Full Automatic Production Line for Arabic (Lebanese) and Pita Bread is a testament to its technological prowess, Punctuality in delivery, irrespective of geographical boundaries, solidifies relationships with clients and the extensive list of clients, including names like "Al Arz Automatic Bakery"," Abu Dhabi Cooperative Bakeries", and "Swiss Bakery", Etc..., East Gate has left an indelible mark not only in the UAE but also in Gulf region as well international markets like Japan, India, Sudan, the USA, and beyond.

The foundation of East Gate rests on quality, and to achieve this, the company employs top expertise in the field. Committed to health, safety, economy, and superiority, East Gate holds ISO certificates, ensuring high standards, License with Occupational Safety & Health Management System (OSHAD)

East Gate aligns its business practices with sustainability principles, emphasizing environmental stewardship, energy efficiency, and responsible sourcing of raw materials. Initiatives such as water recycling and the installation of photovoltaic rooftop systems showcase the company's dedication to reducing its environmental footprint.





Engineering Start-up Companies Category

CELEBRATING EXCELLENCE IN ENGINEERING



3DXB GROUP



3DXB Group

3DXB Group of Companies is a forward-thinking entity dedicated to revolutionizing the construction industry through cutting-edge 3D printing technologies. With a commitment to sustainability, innovation, and education, 3DXB is at the forefront of reshaping the future of construction practices. In the ever-evolving realm of modern construction technology, 3DXB Group of Companies stands as a trailblazer, spearheading transformative advancements in 3D construction, manufacturing, and education. Founded on the bedrock of sustainability and innovation, 3DXB is redefining construction practices through groundbreaking 3D printing technologies. At the heart of 3DXB's mission is an unwavering commitment to delivering unparalleled products and services. Operating seamlessly across various sectors—ranging from 3D printing products production to ready-mixed concrete manufacturing and accredited technical and occupational skills training—3DXB positions itself as a leading technology firm, addressing the dynamic needs of the construction industry. The MiniPrinter PRO, a standout product from 3DXB, epitomizes precision and repeatability in 3D printing of concrete. Boasting a substantial printing area and adaptability to diverse sectors such as construction, architecture, design, and research, this innovation underscores 3DXB's dedication to versatility and excellence. Another flagship product, the MaxiPrinter, caters to the construction industry's demands for robustness, pragmatism, and user-friendliness. This solution seamlessly integrates innovation with the practicalities of construction, showcasing 3DXB's unwavering commitment to providing automation solutions aligned with industry realities. In recognition of its unwavering dedication to sustainability, 3DXB proudly holds the prestigious "Sustainable 3D Printing Company of the Year 2023" award. The company's ethos centers around the incorporation of eco-friendly materials and advanced technologies, showcasing its determination to minimize environmental impact. Education stands as a cornerstone of 3DXB's vision, with the 3DXB Institute serving as a KHDA-accredited training center. Through hands-on learning experiences, the institute equips professionals in the 3D printing industry with the knowledge and practical skills necessary for success. In an era where innovation meets sustainability, 3DXB Group of Companies emerged as a beacon of progress, reshaping the landscape of construction technology.



Ekthaar Agricultural LLC

Ekthaar Agricultural LLC, an embodiment of sustainable innovation within the Bin Dasmal Group, has scripted a unique narrative in the realm of agriculture. The Arabic term “Ekthaar,” meaning ‘growing,’ encapsulates the ethos of this subsidiary, committed to implementing the three R’s—reduce, reuse, and recycle.

The journey began within the Dubai Investments Park compound, where Ekthaar pioneered a construction waste management program. Ingeniously repurposing waste materials, including steel scaffolding and metal shelving units, the company laid the foundation for innovative farming infrastructure. This strategic collaboration with Bin Dasmal Engineering Technologies and Management significantly reduced construction costs, minimized ecological impact, and conserved natural resources.

Ekthaar’s sustainable farming solutions include containerized Controlled Environment Agriculture (CEA), exemplifying advanced hydroponically-based agriculture. These units, utilizing a mere five percent of soil and water resources, yield fresh produce year-round. The symbiosis of horticultural and engineering techniques optimizes crop production, quality, and efficiency, showcasing the profound impact of sustainable innovation.

The Indoor Vertical Farming Container Model, a pinnacle of technological advancement, optimizes crop production while minimizing environmental impact. Ekthaar played a pivotal role in selecting and installing energy-efficient LED lighting systems, ensuring precise nutrient delivery and maintaining a carefully controlled environment.

In the realm of hydroponic wastewater utilization, Ekthaar showcases an eco-conscious strategy. The nutrient-rich resource undergoes meticulous management, contributing to efficient nutrient utilization and a reduced ecological footprint. Additionally, Ekthaar’s farm waste management plan ensures the streamlined handling, tracking, and categorization of agricultural waste, minimizing the ecological impact of farm operations.

Beyond agricultural practices, Ekthaar has been instrumental in promoting a robust energy management plan. Real-time consumption monitoring, standardized measurement and verification methods, and ongoing energy tracking reflect their commitment to optimizing energy efficiency and sustainability.



DesertBoard.



Desert Board

Desert Board is an advanced wooden panel manufacturing company headquartered in Kezad, Abu Dhabi. A pioneer in innovation, Desert Board embodies the harmony between nature and technological advancement for the promotion of sustainable living.

Its flagship product, the Palm Strand Board (PSB), reflects cutting-edge engineering efforts applied to date palm biomass—a rich and renewable resource. The company's innovative manufacturing processes showcase its commitment to transforming natural materials into ground-breaking construction materials.

Environmental conservation lies at the core of Desert Board's mission. By repurposing date palm biomass that would otherwise go to waste, the company actively contributes to emission reduction and the preservation of vital natural resources. Embracing circular economy principles by refraining from tree cutting underscores responsible engineering practices and environmental preservation.

Distinguished by its local manufacturing operations within the United Arab Emirates, Desert Board fosters regional economic growth and ensures the efficient availability of the final product within the country.

Products from Desert Board, such as the Palm Strand Board (PSB), embody the company's commitment to sustainability and excellence in the construction materials industry, making it a standout choice within the sector.



Scientific Research in Engineering Field Category

CELEBRATING EXCELLENCE IN ENGINEERING



On the Coordination of Charging Demand of Electric Vehicles in a Network of Dynamic Wireless Charging Systems

Researchers Name: **Eiman ElGhanam, Hazem Sharf, Yazan Odeh, Dr. Mohamed S. Hassan, Dr. Ahmed H. Osman**

The research paper, "On the Coordination of Charging Demand of Electric Vehicles in a Network of Dynamic Wireless Charging Systems," unfolds as a groundbreaking exploration into the dynamic realm of electric vehicle (EV) charging infrastructure. With a keen awareness of the increasing prominence of dynamic wireless charging (DWC) for on-the-move EVs, the paper sets out to tackle critical challenges related to range limitations and charging downtimes experienced by EV users. At its core, the research introduces an innovative online, mobility-aware spatial EV allocation algorithm, embedded within a strategic DWC coordination framework. Departing from traditional offline charging scheduling, this approach strives to optimize the utilization of DWC lanes within an Electric Vehicle Charging Network (ECN) operating in the Internet of Electric Vehicles (IoEVs) context. Illustrating the practical implications of the proposed coordination strategy, the paper outlines a detailed charging request scenario. It emphasizes the need for seamless communication and authentication between EVs and the charging infrastructure, aiming for efficient EV allocation to DWC lanes. This coordination is essential for grid load balancing and mitigating the risk of grid overload. The heart of the paper lies in the description and evaluation of the novel EV allocation algorithm. Using a hypothetical case study based on predicted EV traffic trips in Dubai and Sharjah, UAE, the algorithm's performance is rigorously assessed. Through parameter optimization, the analysis reveals compelling outcomes—a nearly flattened load profile across DWC lanes, yielding a remarkable reduction of over 44% in Peak Average Electrical Requirement (PAER) compared to conventional allocation methods, with a maximum of 2× increase in trip length. Crucially, the paper factors in grid supply limitations, EV traveling velocities, and the maximum service capacity per DWC lane. This comprehensive approach underscores its significance in enhancing EV charging infrastructure efficiency, addressing grid challenges, and advancing the integration of dynamic wireless charging systems into the evolving landscape of electric mobility.



New thermal management technique for PV module using Mist/PCM/Husk: An experimental study

Researchers Name: **Associate Prof. Dr. Zafar Said**

The project, 'New Thermal Management Technique for PV Module Using Mist/PCM/Husk: An Experimental Study,' conducted in Sharjah, UAE, acquires heightened relevance in the wake of COP28 and aligns with the UAE's Energy Vision. This study investigates a novel mist/fog-based water cooling system for photovoltaic (PV) modules in extreme heat conditions. Its primary goal is to evaluate this cooling system's performance enhancements and potential benefits on PV modules, including temperature reduction, increased electrical power output, and uniform surface temperature maintenance to counteract thermal stress and hot spot formation. Inspired by the increasing global shift towards renewable energy sources and the need to improve the performance of PV systems in hot climates, this project explores innovative cooling techniques. The focus is on developing a sustainable, efficient, and water-conserving mist/fog based cooling method, responding to the limitations of existing cooling solutions. The research has led to two significant publications in high-impact journals. Article 1 details the experimental performance of a closed-loop mist/fog cooling system, demonstrating a temperature reduction of up to 34.25% and a consequent increase in power output. This system effectively prevents thermal stress and maintains a consistent temperature profile across the PV module. Article 2 presents an innovative approach that combines passive and active mist cooling, using environmentally friendly materials like paraffin wax and coconut husk. It evaluates different configurations, with the hybrid cooling method (PV-PCM with mist cooling) showing the most efficiency, improving panel power by 0.32%. This study's findings are highly relevant to the themes and discussions of COP28, particularly in the context of sustainable energy solutions and carbon emission reduction. The project supports the UAE's strategy to develop renewable energy for sustainable growth, showcasing the country's commitment to sustainable energy transition as outlined in its Energy Strategy 2050.





Outstanding Participation

CELEBRATING EXCELLENCE IN ENGINEERING



Pioneering Engineering Projects Category



La Vie Tower



Sheikh Khalifa Grand Mosque



Green Hydrogen Project



Heritage Route



Ports and Customs Department Building at the Sharjah Book Authority

Engineering Consultancy Companies Category



ALSUWEIDI Engineering Consultants Bureau



WERNER FALASI Consulting Architects

Engineering Consultancy Companies Category



Grankraft - Kraftell Groupe



China State Construction Engineering Corporation M.E.

Scientific Research in Engineering Field



Emirates SAS Readymix (Emix)

Industrial Companies Category



A State-of-the-Art Seismic Source Model for the United Arab Emirates



A Contactless Smart WI-FI-Based Application: Presence or Fall Detection System—Analyzing Channel State Information (CSI) Signals

Outstanding Engineer



Ahmad Abdulrahman Bukhash
Chief Architect and Founder, Archidentity



Media Coverage

CELEBRATING EXCELLENCE IN ENGINEERING



راشد بن حمدان بن راشد آل مكتوم يكرم الفائزين بالجائزة

دبي (وام)

في كل المبادرات وذلك من خلال العديد من المشاريع الوطنية والمبادرات التي يأتي في مقدمتها مئوية الإمارات 2071 كونها تعبر الابتكار محركاً أساسياً في مبادرات المحاور الوطنية، وبما جالته التميز والإبداع الهندسي إلا واحدة من المبادرات الوطنية التي تعكس رؤية القيادة الرشيدة وتؤكد التزامها في تنمية المهندسين بمواكبة تلك العزلة من خلال تعزيز ثقافة الإبداع في المجال الهندسي.

وقد رئيس جمعية المهندسين الفائزين من اصحاب التخصصات الهندسية والتجارية في المجال الهندسي، وشكر المشاركين

كرم الشيخ راشد بن حمدان بن راشد آل مكتوم الرئيس الأعلى لمؤسسة حمدان بن راشد للعلوم الطبية والتربية، أمين الفائزين بالدورة الثانية من جائزة التميز والإبداع الهندسي 2023. جاء ذلك خلال حفل نظمته جمعية المهندسين في الإمارات بمكتبة محمد بن راشد للاحتفاء بالمتفكرين في القطاع الهندسي ممن قدموا تصاميم ومشاريع إبداعية قائمة على الابتكار وتطبيق أفضل الممارسات وساهموا في إحداث نقلة نوعية



راشد بن حمدان بن راشد آل مكتوم يكرم الفائزين بالجائزة

دبي (وام)

كرم الشيخ راشد بن حمدان بن راشد آل مكتوم الرئيس الأعلى لمؤسسة حمدان بن راشد للعلوم الطبية والتربية، أمين الفائزين بالدورة الثانية من جائزة التميز والإبداع الهندسي 2023. جاء ذلك خلال حفل نظمته جمعية المهندسين في الإمارات بمكتبة محمد بن راشد للاحتفاء بالمتفكرين في القطاع الهندسي ممن قدموا تصاميم ومشاريع إبداعية قائمة على الابتكار وتطبيق أفضل الممارسات وساهموا في إحداث نقلة نوعية



راشد بن حمدان آل مكتوم يكرم الفائزين بجائزة التميز والإبداع الهندسي

كرم الشيخ راشد بن حمدان بن راشد آل مكتوم الرئيس الأعلى لمؤسسة حمدان بن راشد للعلوم الطبية والتربية، أمين الفائزين بالدورة الثانية من جائزة التميز والإبداع الهندسي 2023. جاء ذلك خلال حفل نظمته جمعية المهندسين في الإمارات بمكتبة محمد بن راشد للاحتفاء بالمتفكرين في القطاع الهندسي ممن قدموا تصاميم ومشاريع إبداعية قائمة على الابتكار وتطبيق أفضل الممارسات وساهموا في إحداث نقلة نوعية

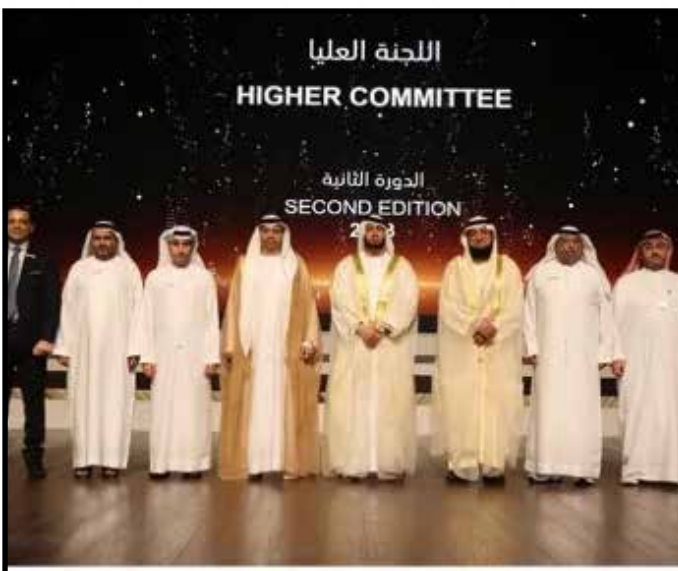


راشد بن حمدان بن راشد آل مكتوم يكرم الفائزين بالجائزة

الإمارات العربية المتحدة، دبي: كرم الشيخ راشد بن حمدان بن راشد آل مكتوم الرئيس الأعلى لمؤسسة حمدان بن راشد للعلوم الطبية والتربية، صباح اليوم الفائزين بالدورة الثانية من جائزة «التميز والإبداع الهندسي» 2023، وذلك خلال حفل نظمته جمعية المهندسين في دولة الإمارات العربية المتحدة بمكتبة محمد بن راشد للاحتفاء بالمتفكرين في القطاع الهندسي ممن قدموا تصاميم ومشاريع إبداعية قائمة على الابتكار وتطبيق أفضل الممارسات، وساهموا في إحداث نقلة نوعية في الإبداع الهندسي، الذي بات علامة فارقة في دولة الإمارات.

شهد حفل التكرم حضور معالي سعيد محمد الطاير العضو المنتدب الرئيس التنفيذي لهيئة كهرباء ومياه دبي، والمهندس عبد الله يوسف آل علي، رئيس جمعية المهندسين في الإمارات، والمهندس رشاد بوخس، رئيس اللجنة العليا لجائزة التميز والإبداع الهندسي، وأعضاء مجلس إدارة الجمعية ولجنة التحكيم وعدد كبير من المسؤولين والعاملين وأصحاب المصلحة في المجالات الهندسية من القطاعين الحكومي والخاص ووسائل الإعلام العربية والأجنبية.

واستقبل المهندس عبد الله يوسف آل علي، رئيس جمعية المهندسين في الإمارات كلمته الافتتاحية بتوجيه خالص بالشكر والتقدير للشيخ راشد بن حمدان بن راشد آل مكتوم الرئيس الأعلى لمؤسسة حمدان بن راشد للعلوم الطبية والتربية، لدعمه وبتوجيهه ومساندته لجائزة والذي يصب في دعم المبادرات الصناعية إلى تحقيق الرؤى الوطنية، وتعزيز الوجه الحضاري





Receiving the award ceremony in Dubai on Tuesday

Khan, Senior Reporter

winners of the 2nd edition of the Excellence and Creative Engineering Award

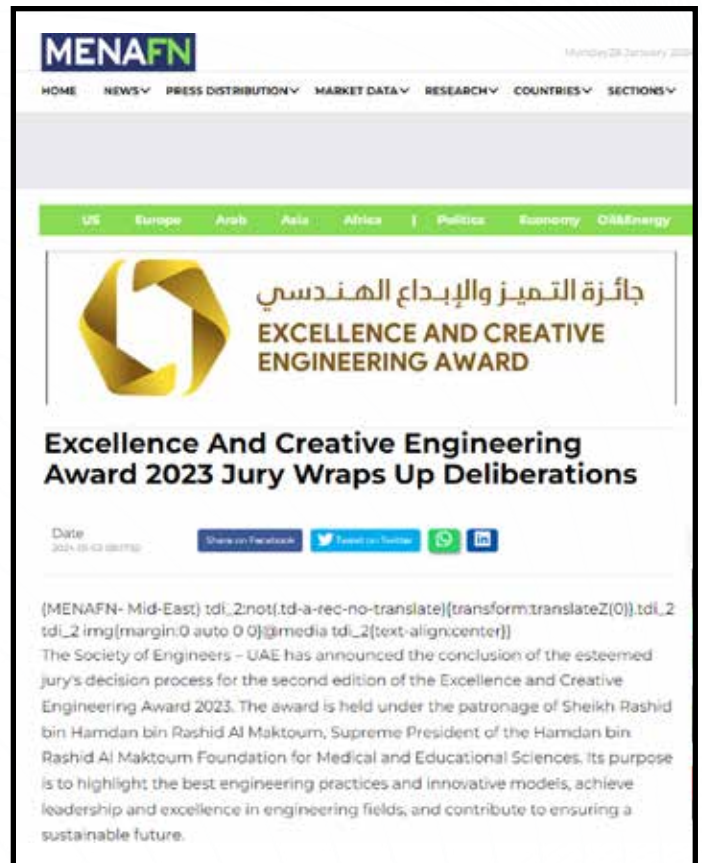
Chief guest at the ceremony was Sheikh Rashid bin Hamdan bin Rashid Al Maktoum



Jay, Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme Chairman of the Hamdan Rashid Foundation for Medical and Educational Sciences, honored the winners of the second session

is came during a ceremony organized by the Society of Engineers in the Emirates at the Mohammed Rashid Library to celebrate distinguished people in the engineering sector who presented creative designs and projects based on innovation and the application of best practices and contributed to creating a qualitative shift in engineering creativity, which has become a milestone in the UAE. The ceremony was presided over by His Excellency Saeed Mohammed Al Tayar, Managing Director and CEO of Dubai Electricity and Water Authority, Engineer Abdullah Yousef Al Ali, President of the Emirates Society of Engineers, Engineer Rashad Bukhash, Chairman of the Supreme Committee for the Engineering Excellence and Creativity Award, members of the Society's Board of Directors and the judging committee, and a number of officials, workers and stakeholders in the engineering fields from the government and private sector. And the Arab and foreign media.







Organizers

CELEBRATING EXCELLENCE IN ENGINEERING



SOCIETY OF ENGINEERS

جمعية المهندسين
society of engineers



The Society of Engineers – UAE was formally organized on April 03, 1979, by the Ministry of Labour and Social Affairs – Ministerial Decree No. 33 1979 to facilitate the increasing demands for professional expertise and accreditation of the engineers in the UAE.

The society is a semi-government sector and a non-profit organization that strives to provide great services to its 65,000 members. Society of Engineers – UAE joined the Arab Engineers Federation in 1984, the World Federation Engineering Organization in 1985, and the Gulf Engineering Union in 1986.

As the Society of Engineers – UAE celebrates its 45 years of exceptional service to the public, we have accomplished outstanding achievements in accrediting the engineering certifications, regulating professional practices, standards, and specifications, and developing the skills and qualifications of all engineers in the UAE by our accreditation committee.

Objectives:

- Contribution to the development and progress of national industry, engineering, construction, agriculture, and economy in cooperation with the government entities.
- Regulation of the professional practices, ethics, standards, and specifications and developing the skills and qualifications of all engineers in the UAE.
- Development of scientific and technical collaboration and alliances among the engineers in the UAE and their colleagues in GCC and other Arab and foreign countries.
- Participation and encouragement of engineers for the distribution of theoretical & practical studies and research in the field of engineering by publishing, holding lectures and seminars, organizing field trips, and exchange of information between the Society of Engineers – UAE and its counterparts in other countries.
- Provision of Consultancy Engineering Services, if requested to do so.
- Encouragement of professional technical training in all engineering fields to develop the skills of all engineers in the UAE.
- Contribution to the Arabization of the engineering terminology and the transmission of Arab Engineering Standards in cooperation with the governmental institutions in the UAE as well as the authorities and associations in other Arab countries.

Vision



Towards the best engineering practices in the UAE.

Mission



Upgrading and activating the engineering role to build an architectural, industrial and commercial renaissance

For more information, please visit our website:
www.soeuae.ae



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Strategic is one of the leading exhibitions, conferences, and event organizers. The group operates across different sectors spearheaded in four sectors – real estate, investment promotion, wood industry, and government achievements, with each of their exhibitions playing a leading role in its field.

Since its establishment in 2000, the company has operated to international standards, underpinned by strong, clear business principles and ethical values.

Their commitment to social, economic, and environmental responsibility is fundamental to their business. They see corporate responsibility and sustainability as core in their plans for growth and development. They are on a constant journey to promote corporate responsibility.





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