



Engineering
Accreditation
Commission



Engineering Newsletter

Issue 17 January 31st 2026



Yarmouk University
Hijjawi Faculty for Engineering Technology

Yarmouk University

Hijjawi Faculty for Engineering Technology

Our Vision

Towards a distinct faculty in teaching and research exists among 500 best faculties in the world in the various fields of engineering.

Our Mission

Excellence in teaching, scientific research and community service through the provision of high-quality education in line with the latest developments in various fields of science and engineering, and closely linked with industry as well as various community needs.

Our Objectives

- Provide high-quality education in line with the latest developments in the various fields of science and engineering.
- Achieve partnership with industry to prepare qualified graduates to work efficiently in this sector.
- Establish research centers to get familiar with the community needs and work to find effective solutions to these needs.
- The presence as a strong competitor in the field of scientific research in the world, through the quantity and quality of scientific publications issued by the faculty.

Our Values

The faculty seeks to prepare the graduate to be a good person who is productive in his community and loyal to his country and nation. Therefore, the faculty focuses on developing the student's personality and inclinations, encouraging him to be creative, and developing his moral aspect, which contribute to the preparation of the elites and the leaders of the future.



Established in **1984**



8 Engineering Departments
(**11** Bachelors / **6** Masters)



12,000+
Engineering Graduates



125+
Academic Staff



75+
Staff & Engineers

Special Titles:

1. Dean's Message	4
2. Alumni	6
3. Faculty News	9
4. Students Activities	32
5. Faculty Members News	49
6. Success Stories	65

Dean's Message



Welcome to the 17th issue of the Hijjawi Faculty for Engineering Technology Newsletter!

It is a great honor and privilege to address you today on behalf of the Hijjawi Faculty for Engineering Technology, an institution with a long and distinguished history in engineering and technological education. Since its establishment, the Faculty has played a vital role in preparing generations of qualified engineers and technologists, contributing to national development and supporting scientific and technological advancement.

At the heart of our academic mission lies an unwavering commitment to academic integrity. Integrity is the foundation of trust, credibility, and excellence. It governs our teaching, learning, research, and assessment practices, ensuring transparency, fairness, and ethical responsibility across all academic activities.

We are equally dedicated to maintaining rigorous academic standards that reflect our pursuit of quality and continuous improvement. These standards ensure that our academic programs remain relevant, competitive, and aligned with international benchmarks, empowering our graduates to meet professional challenges with confidence and competence.

At the Hijjawi Faculty for Engineering Technology, we firmly believe that mutual respect among students, faculty members, and administrative staff is essential to a healthy and productive academic environment. Respect strengthens collaboration, encourages constructive dialogue, and fosters a strong sense of responsibility and belonging within the academic community.

Furthermore, we are committed to promoting a professional and distinguished institutional culture. Professionalism is reflected not only

in conduct and communication, but also in accountability, ethical behavior, and dedication to excellence. Such a culture enhances our academic reputation and reinforces public trust in our institution. Effective and responsible resources management remains a strategic priority. By optimizing the use of our human, academic, and material resources, we aim to ensure sustainability, enhance efficiency, and support innovation across all academic and administrative functions.

Looking to the future, the Hijjawi Faculty for Engineering Technology is guided by a clear and ambitious vision. Our goal is to further strengthen our position as a leading faculty in engineering and technology through continuous academic development, innovation, and responsiveness to the needs of industry and society.

Our development plan focuses on modernizing academic programs, expanding applied research, strengthening partnerships with industry, and investing in faculty and student development. We are committed to integrating emerging technologies, enhancing practical training opportunities, and fostering an environment that supports creativity, entrepreneurship, and lifelong learning.

Through strategic planning, continuous evaluation, and collective effort, we aim to equip our students with the skills, knowledge, and ethical values required to lead and innovate in a rapidly evolving technological world.

The Faculty leadership team extends its sincere best wishes to you and your families for a happy and successful New Year 2026!

Prof. Awad AL-Zaben , PhD
Dean of Hijjawi Faculty for Engineering Technology

Alumni

■ Eng. Tareq Farhat Ghaith



Eng. Tareq Farhat Ghaith (Class of 2003) is a highly accomplished telecommunications engineer whose career reflects excellence, innovation, and leadership in the rapidly evolving field of wireless communications. With more than 18 years of professional experience in the United States, Tareq has built a strong reputation for his expertise in LTE (4G), NR (5G), and small cell technologies, contributing significantly to the design, optimization, and deployment of advanced wireless infrastructure.

Currently, Tareq serves as Manager System Performance Engineer at CommScope LLC in Lowell, Massachusetts. In this role, he leads specialized engineering teams responsible for characterizing, benchmarking, and optimizing small cell solutions to ensure high performance and reliability under real-world network conditions. His work plays a vital role in bridging the gap between product development and live network

deployment, ensuring that solutions meet industry standards and customer expectations.

Tareq's professional journey is grounded in a strong academic foundation. He earned his Bachelor's degree in Telecommunication Engineering from Yarmouk University, graduating with an excellent academic record. He later pursued his graduate studies in the United States, earning a Master of Science in Electrical Engineering from North Carolina State University, where he graduated with a perfect GPA of 4.00. His academic focus on wireless communications, digital signal processing, and network security laid the groundwork for his future success in the telecom industry.

Prior to CommScope, Tareq spent several years at Airvana Inc., where he progressed through multiple technical roles, including Software Integration Testing, Live Network Verification, and New Product Introduction. During this time, he played a key role in validating wireless systems, troubleshooting complex performance issues, and supporting the successful rollout of small cell technologies in live customer networks.

Throughout his career, Tareq has demonstrated a rare combination of technical depth, hands-on deployment experience, and leadership capability. As global demand for high-performance wireless connectivity continues to grow, his contributions remain central to advancing next-generation network solutions. His journey stands as a source of pride for Yarmouk University and an inspiring example for students aspiring to excel in engineering and technology-driven careers.

Eng. Tamby Alasker(



Eng. Tamby Alasker(Class of 2007) began building his professional experience at an early stage, starting work at the age of 19 while still pursuing his studies in Electronics Engineering at Yarmouk University. These early experiences played a key role in shaping his strong work ethics, discipline, and ability to effectively manage time between academic and professional commitments.

Eng. Alasker earned his Bachelor's degree in Electronics Engineering from Yarmouk University in 2007, graduating from the well-regarded Hijjawi Faculty for Engineering Technology. Shortly after graduation, he launched his professional career at Emirates Computers in Dubai, where he served as a Customer Support Engineer. This role provided him with a solid technical foundation and valuable exposure to customer-focused solutions, helping him develop strong communication skills and a deep understanding of client requirements.

He later joined Barco, a global leader in audiovisual

(AV) solutions, where he built an extensive career spanning more than a decade. During his tenure, Eng. Alasker progressed from a technical support role to Sales Manager, specializing in mission-critical and control room solutions. His career advancement at Barco reflected his ability to combine technical expertise with strategic leadership. In every role, his primary objective was to build strong, long-term relationships with clients and drive business growth by gaining an in-depth understanding of their technical needs while aligning solutions with each organization's vision and mission.

Currently, Eng. Tamby Alasker serves as the Managing Director for Guntermann & Drunck (G&D) in Dubai, United Arab Emirates. In this role, he is responsible for developing and executing strategic plans to expand the company's presence and accelerate growth across the Middle East, India, and Africa. His leadership focuses on market expansion, customer value, and sustainable business development.

Eng. Alasker's journey is strongly influenced by his family. He attributes his academic and professional success to the support of his parents, who enabled him to pursue his engineering education, and to the continued encouragement of his wife and two sons, who remain his greatest source of motivation and inspiration to lead with integrity, purpose, and dedication.

Dr. Hussein Alqrinawi



Dr. Hussein Alqrinawi (Class of 2019) is a distinguished alumnus of the Hijjawi Faculty of Engineering Technology at Yarmouk University, whose academic excellence and professional achievements reflect a remarkable journey of dedication, innovation, and leadership. He earned his Bachelor's degree in Civil Engineering in 2019, graduating first among 248 students, an achievement that placed him among the top graduates of his college and highlighted his outstanding academic capabilities.

During his undergraduate studies, Dr. Alqrinawi demonstrated a strong commitment to practical learning. He completed a professional internship at the Adnan Saffarini Office in Dubai, United Arab Emirates, where he gained hands-on experience in civil engineering design and deep-foundation (geotechnical) systems. This internship, funded by the Hijjawi Faculty of Engineering Technology, provided him with early exposure to real-world engineering challenges and played a pivotal role in shaping his interest in geotechnical engineering and sustainable construction materials.

Building on this foundation, Dr. Alqrinawi pursued

his graduate studies at Louisiana State University (LSU), where he earned both his Master of Science and Doctor of Philosophy degrees in Civil and Environmental Engineering. His graduate research was supported by the National Science Foundation (NSF) and focused on the development of High-Performance Wood (HPW) as a renewable, high-strength, and cost-effective material for deep-foundation applications. His work contributed to advancing sustainable alternatives in geotechnical engineering and demonstrated the potential of bio-based materials in infrastructure systems.

Throughout his graduate career, Dr. Alqrinawi authored and co-authored multiple peer-reviewed journal publications and presented his research at major national and international conferences. In recognition of his contributions, he received the Best Geotechnical Research Award at LSU, underscoring the impact and quality of his scholarly work.

Currently, Dr. Alqrinawi serves as a Geotechnical Engineer at GeoEngineers in Baton Rouge, Louisiana, where he applies his academic training and field expertise to projects involving foundation design, slope stability analysis, ground improvement, and site characterization. In parallel with his technical work, he remains actively engaged in professional leadership. He has served as President of the Chi Epsilon Civil Engineering Honor Society, Vice President of the Geo-Institute Graduate Student Organization, and a member of the Geo-Institute Student Leadership Council, contributing to the Small Grants Committee, which supports graduate student initiatives nationwide.

Dr. Alqrinawi's journey stands as a testament to the strong academic foundation provided by Yarmouk University and the Hijjawi Faculty of Engineering Technology, and serves as an inspiring example for future generations of engineering students.

Faculty News

Yarmouk University President Meets with Hijjawi Faculty for Engineering Technology Staff



The President of Yarmouk University, Prof. Malik Sharairi, met with the academic and administrative staff of Hijjawi Faculty for Engineering Technology, in the presence of the Dean, Prof. Awad Al-Zaben.

During the meeting, Prof. Sharairi praised the college's notable progress in both academic and administrative fields, highlighting its efforts to update curricula and develop laboratories and engineering facilities. He emphasized that these improvements provide an exceptional learning environment that keeps pace with scientific and technological developments and equips students with the skills needed to enter the workforce efficiently.

Prof. Sharairi also stressed the importance of unified efforts, teamwork, and collaboration among all faculty members to enhance Yarmouk University's reputation as a center of knowledge, innovation, and engineering excellence.

The meeting addressed several key topics concerning the college, including challenges and strategies to overcome them, future visions for academic program development, enhancement of research activities, and strengthening partnerships with industrial and technical institutions.



Hijjawi Faculty for Engineering Technology Hosts a Welcome Event for Newly Admitted Students



Hijjawi Faculty for Engineering Technology hosted a welcome event for newly admitted students for the 2025/2026 academic year. The event was attended by the Dean of the Faculty, Prof. Awad Al-Zaben, faculty members, and a large number of new students.

In his address, Prof. Awad Al-Zaben congratulated the newly enrolled students on joining Hijjawi Faculty and expressed his pride in welcoming them to the Yarmouk University family. He emphasized the importance of the university experience in shaping a generation of creative and distinguished engineers capable of contributing effectively to societal development. He also called on students to maintain continuous communication with their academic departments to seek guidance and to benefit from the various academic and extracurricular activities offered by the faculty. At the conclusion of his speech, he praised the faculty's role in providing an educational environment that combines academic knowledge with practical expertise.

The Dean of Student Affairs also attended the event, where he welcomed the new students and emphasized that the Deanship of Student Affairs provides continuous support to students and to the activities they organize. He also highlighted the importance of such events in facilitating students' integration into university life, developing their academic and personal skills, and fostering an engaging and supportive campus environment.

The event included several activities, such as an introduction to the faculty's available academic programs. Representatives from the Accreditation Center provided insights into their services and highlighted the various accreditations obtained by Hijjawi Faculty. In addition, a speech was delivered by the Student Union representative, who highlighted student activities and services designed to enrich the university experience.

At the end of the event, the Dean inaugurated several booths representing different student teams at Hijjawi Faculty and encouraged students to continue participating in extracurricular and voluntary activities that enhance their university experience.



Hijjawi Faculty Participates in Jordan IEEE Day 2025



A number of students and faculty members from Hijjawi Faculty for Engineering Technology participated in Jordan IEEE Day 2025, held on Saturday, October 11th, at Applied Science University (ASU). This marked the first national-level IEEE Day celebration in the history of the IEEE Jordan Section.

The event brought together hundreds of IEEE members and officers from across the country, representing over 91 Organizational Units (OUs), including student branches, technical societies, and affinity groups. The celebration featured 16 technical and professional sessions, exhibitions from all OUs, and multiple opportunities for networking and collaboration among students, professionals, and industry partners.

The initiative aimed to officially establish Jordan IEEE Day as an annual national gathering for all IEEE OUs in Jordan. Its objectives included:

- Exchanging experiences and knowledge across universities and technical societies.
- Building stronger collaboration networks among IEEE members, professionals, and academia.
- Strengthening the sense of belonging and pride within the IEEE community.



Yarmouk University Delegation Visits Irbid Chamber of Industry to Explore Opportunities for Joint Cooperation and Student Training



As part of efforts to strengthen the partnership between Yarmouk University and the industrial sector, a delegation from Yarmouk University, including Prof. Yahya Malham, Dean of the Faculty of Business, Prof. Awad Al-Zaben, Dean of the Hijjawi Faculty for Engineering Technology, and Dr. Ahmad Al-Momani, Head of the Industrial Engineering Department, visited the Irbid Chamber of Industry. The delegation met with Mr. Nidal Al-Sadr, Director of the Chamber, and Ms. Hala Al-Saheb, Director of Projects and Training.

During the meeting, the delegation emphasized the importance of establishing a genuine and sustainable partnership between the University and the Chamber of Industry through the formation of joint committees dedicated to enhancing student training and employment opportunities, supporting faculty research projects, and organizing courses and workshops that serve the university, the industrial sector, and the local community.

For his part, Mr. Al-Sadr presented an overview of the Chamber's vital role in supporting and developing industrial projects in the city of Irbid. He highlighted the importance of strengthening cooperation with Yarmouk University, particularly with the Hijjawi Faculty for Engineering Technology and the Faculty of Business, given their essential role in supplying the industrial sector with qualified human resources and scientific and applied expertise.

At the conclusion of the visit, it was agreed to hold an expanded meeting at a later date to discuss the terms of a memorandum of understanding between the Irbid Chamber of Industry and Yarmouk University, represented by the Faculty of Business and the Hijjawi Faculty for Engineering Technology, in order to enhance academic-industrial collaboration.

Celebration of the Graduation Notebooks for the Students of Hijjawi Faculty



With the patronage of Prof. Awad Al-Zaben, Dean of the Hijjawi Faculty for Engineering Technology, graduating students organized a special ceremony to mark the completion of their academic journey. As part of the celebration, the students presented graduation notebooks symbolizing their years of learning and growth at the university. These notebooks allowed friends and colleagues to share congratulatory notes, sincere wishes, and motivational messages.

During the ceremony, Prof. Awad Al-Zaben addressed the graduating students, praising their perseverance and commitment throughout their academic years. His speech is presented below:

"In the Name of Allah, the Most Gracious, the Most Merciful..

My dear graduating sons and daughters,

It is with great pleasure that I stand before you today on an occasion filled with pride, achievement, and profound significance. Today, we celebrate the completion of an important milestone in your academic and professional journeys—one we have shared together at the Hijjawi Faculty for Engineering Technology. The experiences and memories forged during these years will remain deeply engraved in our hearts for a lifetime.

The graduation notebooks in your hands today are not simply pages, but living records of your dreams, your journeys, and the beautiful moments we experienced together.

The Dean and all faculty members are truly proud and happy for your success and for reaching this important stage of achievement. You will never forget your university days, your friends, and the many situations you experienced together—whether during long laboratory sessions,

moments of effort and fatigue, or times of joy and accomplishment. With all their sweetness and challenges, these experiences have brought you to this moment, a moment in which we proudly celebrate you.

Always remember that knowledge is a trust, and conveying knowledge is a responsibility. After graduation, it is your duty to preserve the reputation of your university and to uphold its name with integrity and professionalism.

We wish you a bright future, filled with success and achievement, just as you aspire."



Hijjawi Faculty for Engineering Technology Organizes a Scientific Lecture on Sustainability Principles

The Scientific Activities Committee at Hijjawi Faculty for Engineering Technology organized a scientific lecture entitled "Principles of Sustainability: From Definition to Academic Practice", delivered by Eng. Taghreed Al-Qaddahat, Head of the Civil Engineering Department at Irbid Electricity Company. The lecture was attended by a number of faculty members and students.

The lecture addressed the concept of sustainable development, explaining the difference between sustainable and traditional development, and highlighting its main pillars and key drivers. It focused on the environmental, economic, and social dimensions of sustainability, as well as the importance of integrating these concepts into academic education and engineering practices.

During the lecture, which was moderated by Prof. Mohammad Al-Zoubi, Chair of the Scientific Activities Committee, Eng. Al-Qaddahat reviewed the role of Irbid Electricity Company in supporting sustainable development. She highlighted the company's efforts in adopting modern technological solutions, particularly in digital transformation, artificial intelligence applications, and cybersecurity enhancement, and their impact on improving service efficiency and ensuring sustainability.

The lecture witnessed strong interaction from attendees, as Eng. Taghreed Al-Qaddahat responded to participants' questions and provided valuable insights into the challenges and opportunities associated with implementing sustainability concepts in the energy sector.

At the conclusion of the event, Prof. Awad Al-Zaben, Dean of Hijjawi Faculty for Engineering Technology, honored the speaker and praised the faculty's role in raising awareness of sustainability issues, linking them to practical and technological applications, and keeping pace with recent developments in engineering fields.



Dean of Hijjawi Faculty for Engineering Technology Meets with Prospective Graduates and Graduation Project Students

The Dean of Hijjawi Faculty for Engineering Technology, Prof. Awad Al-Zaben, held a meeting with students expected to graduate and students enrolled in graduation projects, in the presence of faculty members. The meeting was organized as part of the faculty's commitment to direct communication with students and to closely follow up on their academic affairs.

During the meeting, a number of academic and organizational issues of concern to students were discussed. The Dean addressed university decisions related to the regulation and prohibition of graduation ceremonies, as well as the approval of graduation notebooks in accordance with the adopted regulations. He explained the organizational foundations of these decisions and their objectives in preserving the university environment and organizing student activities in line with applicable rules and regulations.

The meeting also included responses to students' inquiries regarding field training, graduation projects, and graduation mechanisms and requirements, in addition to discussing the faculty's needs and several other academic matters. Prof. Al-Zaben emphasized the importance of holding such periodic meetings due to their role in strengthening communication between the faculty administration and students, listening to their feedback, and providing the necessary guidance and counseling. He concluded by wishing the students success and excellence in their academic and professional careers.



Hijjawi Faculty Hosts Career Readiness Workshop and a Training Series on Quality and Occupational Safety

Hijjawi Faculty for Engineering Technology at Yarmouk University organized a career readiness training workshop for its employability-preparation students. The workshop was delivered by Eng. Abdulrazzaq Nseirat, Quality Systems Manager at Izzat Marji Group, and was initiated and coordinated by Dr. Mohammad Firas Tamimi.

The session focused on practical topics that support students in preparing for the job market. Eng. Nseirat discussed effective job interview preparation and how to create a positive first impression with employers. He also explained how to write a professional CV that highlights students' skills and experiences while avoiding common mistakes. In addition, he emphasized the value of field training as a key step toward building practical expertise, outlining criteria students should consider when selecting a suitable training placement aligned with their career pathway.

As part of the same initiative, Eng. Nseirat delivered three additional lectures covering occupational health and safety, as well as quality management systems and standards, further strengthening students' professional awareness and workplace readiness.

This training series reflects the Faculty's ongoing commitment to equipping students with essential employability skills and enabling them to engage confidently and effectively in future work environments.



Hijjawi Faculty for Engineering Technology Meets with Mechanical Engineering Students



In the presence of the Dean of Hijjawi Faculty for Engineering Technology, Prof. Awad Al-Zaben, the Head of the Mechanical Engineering Department, Prof. Mohammad Al-Zoubi, held a meeting with students from all academic years to discuss academic and administrative matters of interest to students.

At the beginning of the meeting, Prof. Al-Zoubi welcomed the Dean and expressed his appreciation for attending the meeting, highlighting that this participation reflects the college's strong commitment to its students. Prof. Al-Zaben emphasized the importance of holding such periodic meetings, noting their role in identifying students' needs, addressing their concerns, and working toward practical solutions. During the meeting, Prof. Al-Zaben listened to students' comments and questions and addressed them in cooperation with Prof. Al-Zoubi. Prof. Al-Zoubi emphasized that the Mechanical Engineering Department is one of the core departments of the college and assured students that issues related to the academic schedule would be addressed in a manner that serves the best interests of all parties.

In the same context, Prof. Al-Zoubi highlighted the department's plan to organize scientific field trips to institutions and companies operating in the mechanical engineering sector. He also stressed the department's intention to encourage practical, application-oriented graduation projects that contribute to solving challenges faced by the local community.

The meeting concluded with an open and extensive discussion session, during which students raised questions and inquiries that were addressed by Prof. Al-Zoubi in an interactive and constructive manner.

Architectural Engineering Department Hosts Urban Planning Workshop



In an effort to connect classroom learning with real-world practice, the Department of Architectural Engineering at Hijjawi Faculty for Engineering Technology recently hosted a practical workshop on urban planning. Led by architect Nashwa Al-Subh, the session brought professional insight directly to fourth-year students enrolled in the Urban Design course, under the supervision of Dr. Zaid Al-Deek and Arch. Areen Qasem.

The workshop provided students with an inside look into the role of urban planning within the professional landscape. Through real project examples and analytical methodologies, attendees gained valuable perspectives on applying academic knowledge in practical settings—helping to bridge the gap between theory and practice.

Dr. Baraa AlKhatatbeh, Head of the Department, praised the initiative and commended the organizing team—Cluster Architectural Students Team—for creating an interactive and enriching educational environment. The Cluster team played a key role in facilitating and documenting the event, reinforcing its role as a platform for meaningful exchange between professionals, faculty, and students.

This workshop is part of an ongoing series of activities designed to enhance student skills and deepen their understanding of the challenges and opportunities within the field of urban planning. The department remains committed to fostering applied learning and professional readiness among its students.



Raising Awareness and Understanding of Tourette Syndrome



The Department of Biomedical Systems and Informatics Engineering at Hijjawi Faculty for Engineering Technology, organized an awareness seminar titled “Tourette Syndrome”, delivered by Ms. Haneen Al-Tamimi and under the supervision of Dr. Bahaa Al-Sheikh on Thursday, December 11, 2025.

During the session, Ms. Al-Tamimi provided a comprehensive overview of Tourette Syndrome, discussing its causes, contributing factors, and effective ways of interacting with and supporting individuals affected by the condition. She also shared her personal journey, emphasizing the importance of community awareness and highlighting the vital role that students play in promoting acceptance of differences and supporting mental well-being.

The event concluded with Professor Dr. Awad Al-Zaben, Dean of Hijjawi Faculty for Engineering Technology, presenting a token of appreciation to the speaker in recognition of her efforts in spreading awareness and shedding light on this important health condition. He reaffirmed the faculty’s commitment to organizing meaningful activities that enrich students’ knowledge and support their psychological and intellectual well-being. The department head, Eng. Sami Al-Mashaqbeh, presented certificates of appreciation to the students who participated in preparing and organizing the event.

Civil Engineering Department Holds Workshop on Engineering Software Used in the Labor Market and Their Applications in Civil Engineering



The Civil Engineering Department at Hijjawi Faculty for Engineering Technology organized a specialized workshop titled "Engineering Software Used in the Labor Market and Their Applications in Civil Engineering" on December 18, 2025, under the supervision of Dr. Faisal Al-Shalabi.

The workshop was delivered by Eng. Mahmoud Abu Jaber from the Jordan Engineers Association and attended by faculty members and a large number of Civil Engineering students. The session introduced students to widely used engineering software for structural analysis and design, highlighting their importance in both graduation projects and professional practice. Participants were also introduced to specialized software for producing detailed structural drawings of reinforced concrete and steel structures, enhancing their technical and professional readiness. The workshop further strengthened cooperation between the Civil Engineering Department and the Jordan Engineers Association.

The event concluded with an interactive discussion addressing software usability, learning approaches, and result variations. Prof. Awad Al-Zaben, Dean of Hijjawi Faculty for Engineering Technology, emphasized the importance of such workshops in bridging academic knowledge with practical application and preparing students for labor market demands.



Industrial Engineering Department Receives Jordanian Accreditation

هيئة الاعتماد وضمان الجودة
THE ACCREDITATION & QUALITY ASSURANCE COMMISSION



Engineering
Accreditation
Commission

The Council of the Accreditation and Quality Assurance Commission granted the Industrial Engineering (Bachelor's Program) at Yarmouk University the Jordanian accreditation for a period of three years. This achievement comes as a culmination of the Industrial Engineering Department's commitment to implementing quality assurance standards in higher education in accordance with the National Qualifications Framework. The department continuously strives to enhance its academic programs in line with best educational practices. It is worth noting that the Industrial Engineering Department is among the pioneering departments in obtaining national and international accreditations, as the program is accredited by the Accreditation Board for Engineering and Technology (ABET), reflecting the department's academic and professional excellence.

Electronics Engineering Department General Safety Workshop

The Department of Electronics Engineering organized a general safety workshop delivered by engineers from SmartLT Company. The workshop focused on essential safety rules for handling electrical equipment, laboratory devices, and electrical loads, as well as broader field safety regulations. Participants were presented with practical examples of potential hazards and guidance on how to avoid them, alongside basic work practices to ensure public and workplace safety. The session concluded with an interactive question-and-answer segment, allowing attendees to clarify safety practices and procedures. The workshop was attended by a large number of engineers, administrators, and faculty members from Hijjawi Faculty for Engineering Technology.



Computer Engineering Department Hosts Lecture on Cloud Computing, Open Source, and Digital Sovereignty

The Computer Engineering Department at Hijjawi Faculty for Engineering Technology hosted a lecture titled "Open Cloud, Open Source, Open Futures: Building Skills, Careers, and Digital Sovereignty in Jordan", delivered by Eng. Ahmad Alzoubi, Cloud Infrastructure Architect and former AWS Systems Engineer and Team Lead. Eng. Alzoubi, an alumnus of Hijjawi Faculty at Yarmouk University, shared his extensive experience in telecommunications, public institutions, and hyperscale cloud environments across the Middle East and Europe. The lecture provided students with insights into how modern cloud platforms are designed, built, and managed, covering key technologies such as virtualization, storage systems, Kubernetes, OpenStack, and AI-driven automation. Students also explored diverse career paths, including cloud operations, DevOps, Site Reliability Engineering, AI engineering, open-source development, and cybersecurity. The session highlighted the central role of open-source technologies in powering large-scale cloud and AI systems globally and demonstrated how students in Jordan can leverage these tools to develop innovative projects and acquire future-ready skills. Additionally, Eng. Alzoubi discussed opportunities for collaboration between universities, industry, and organizations to strengthen Jordan's open-source ecosystem, promote digital sovereignty, and develop local technical talent. The lecture concluded with an interactive discussion and mentorship opportunities for students and faculty.

Industrial Engineering Department Holds an Introductory Meeting on Industrial Engineering

Under the patronage of the Dean of Hijjawi Faculty for Engineering Technology, the Industrial Engineering Department organized an introductory meeting on Industrial Engineering. The meeting aimed to welcome new students, introduce them to the department, strengthen communication between students and faculty and administrative staff, and provide students with a comprehensive understanding of the academic and career opportunities available to them. Faculty members of the department participated in the event by delivering introductory presentations on the academic programs and study plans. They also addressed students' questions, offering an opportunity for direct interaction and open discussion on various academic aspects of the specialization. The meeting also included an interactive question-and-answer session, in addition to the distribution of appreciation awards to participating students. The event was characterized by an atmosphere of enthusiasm and engagement, contributing to the creation of a motivating and enjoyable educational experience for new students.



Department of Architectural Engineering Hosts Warm Welcome Event for New Students

In a spirited effort to foster belonging and build community, the Department of Architectural Engineering—in partnership with the Cluster Architectural Students Team—hosted a welcoming reception for first-year students entering the 2025 academic year. The gathering was held in a friendly and collaborative atmosphere, reflecting the creative culture of the department at the Hijjawi Faculty for Engineering Technology.

The event was attended by Prof. Awad Al-Zabin, Dean of the Faculty, and Dr. Baraa AlKhatatbeh, Head of the Architectural Engineering Department, along with several faculty members. They offered guidance and encouragement to the incoming students, helping them navigate the transition into university life and their architectural studies.

The reception introduced new students to the academic environment of the program while emphasizing the importance of student activities in shaping both professional and personal growth. Members of the Cluster Architectural Students Team led interactive segments, creating a positive and motivating start to the students' university journey.



Architectural Engineering Department Leads Student Participation in ONE SHOT DAY Forum

The Department of Architectural Engineering, in collaboration with the Jordan Engineers Association, participated in the ONE SHOT DAY forum, a professional event focused on training, coaching, and leadership development for aspiring engineers. The participation was guided by Dr. Baraa AlKhatatbeh, Head of the Department, with the support of Arch. Ghadeer Al-Rashdan, aiming to maximize student engagement. To facilitate student participation, the Cluster Architectural Students Team organized transportation from Irbid, enabling architecture and architectural engineering students from various universities to attend the forum. This initiative provided students with valuable opportunities to connect with industry professionals, gain practical insights, and expand their professional networks, reinforcing the department's commitment to bridging academic learning with real-world practice.



Industrial Engineering and Biomedical Systems and Informatics Engineering Departments Welcome Students from Al-Qimma International Schools



The Industrial Engineering and Biomedical Systems and Informatics Engineering Departments at Hijjawi Faculty for Engineering Technology, Yarmouk University, welcomed a group of BETEC Engineering-track students from Al-Qimma International Schools as part of a field visit program aimed at introducing students to various engineering disciplines and their practical applications.

During the visit, Dr. Ahmad Al-Momani, Head of the Industrial Engineering Department, delivered an introductory lecture highlighting the key roles of industrial engineers and their importance in developing production systems and improving efficiency in industrial and service institutions. The students then toured the engineering workshops, where they were introduced to traditional manufacturing processes, followed by a visit to the advanced production laboratories equipped with modern technologies such as CNC machines and 3D printing. These visits provided students with practical insights into technological advancements in manufacturing and industrial engineering.

In addition, Dr. Ateka Khader and Engineer Alaa Badarneh presented an overview of the Biomedical Engineering specialization and its career fields. During the tour, students were introduced to several medical devices in the department's laboratories. A practical demonstration of the Arduino electronic board and its main components was also provided, along with examples of student projects that utilize this technology.

This visit reflects Hijjawi Faculty for Engineering Technology's commitment to strengthening ties with local community institutions, raising awareness among school students about recent developments in various engineering fields, and encouraging them to explore engineering specializations that align with their scientific interests and career aspirations.

The Industrial Engineering Department Organizes a Field Visit to the Jordanian Food Industries Company



A field visit was organized to the Jordanian Food Industries Company, "Jordina," in Amman on 2025/10/ for students of the Industrial Engineering Department, under the supervision of Dr. Abdullah Al-Khidr. The visit aimed to link theoretical concepts with practical application and to introduce students to the real work environment in the food industry, which is one of the most important production sectors in Jordan.

During the visit, the delegation was welcomed by the company management, who provided an introductory presentation about the company's history, production lines, and main products. The engineers then guided the students on a tour of the factory departments, including areas for receiving and storing raw materials, manufacturing and packaging lines, quality control laboratories, and warehouses. The students were given the opportunity to observe how material flow is organized between departments and to analyze the processes.

The students also noted the application of strict quality control and food safety standards according to ISO systems, in addition to adherence to hygiene and occupational safety procedures at all stages of work. This experience allowed students to observe the integration of different elements of the industrial system, such as process planning, inventory management, work organization, and human factors engineering, thereby enhancing their practical understanding of what they learn in the classroom.

Educational Field Visit to CEMENTRA Cement Company



The Department of Civil Engineering at Hijjawi Faculty for Engineering Technology, Yarmouk University, organized an educational field visit to the CEMENTRA Cement Company plant in Mafrq Governorate. The visit was attended by a group of Civil Engineering students and supervised by Dr. Mohammad Firas Tamimi, with coordination and support from the Irbid Chamber of Industry, which facilitated logistics including transportation and hospitality.

Cementra is a leading industrial pillar in the Hashemite Kingdom of Jordan and a strategic partner in supporting sustainable development, in addition to its significant contribution to the national economy. The company is one of the largest regional producers of clinker and cement, with an annual production capacity of approximately 2.0 million tons of clinker and 2.4 million tons of cement. Its strategically located facility operates with advanced European and international technologies, ensuring high product quality while meeting the highest environmental protection standards. During the visit, students were introduced to the cement manufacturing process, production stages, quality control systems, technical certifications, and occupational health and safety practices. The experience provided valuable hands-on exposure that strengthened students' applied understanding and helped bridge the gap between academic learning and real-world industrial practice. The visit reflects Hijjawi Faculty's ongoing commitment to enhancing cooperation with the industrial sector and offering practical learning opportunities that prepare students for the labor market.



The Industrial Engineering Department Holds a Seminar on “Fundamentals of Scientific Research and Reference Management Software”

The Industrial Engineering Department organized a practical visit for Production Laboratory technicians to the Jordanian Center for Design and Development (JODDB) as part of its efforts to enhance technical skills and strengthen cooperation with the industrial sector. The visit focused on providing hands-on exposure to fiberglass manufacturing processes, including materials used and safety procedures for handling chemical substances. During the visit, participants toured JODDB's laboratories and manufacturing facilities, allowing them to compare industrial practices with the capabilities of the university's production laboratory. The experience enhanced the technicians' practical understanding and helped identify key requirements for upgrading and developing the laboratory's facilities.

Industrial Engineering Department Hosts a Representative of the Italian Embassy

The Department of Industrial Engineering hosted the Representative of the Italian Embassy for Cultural and Academic Affairs, Dr. Ida Plastina, as part of ongoing efforts to explore opportunities for academic and research cooperation with Italian universities. The visit aimed to discuss potential frameworks for collaboration and to strengthen communication channels between the department and Italian higher education institutions.

During the visit, discussions focused on prospective areas of cooperation, including faculty exchange, joint participation in research projects and academic initiatives, as well as student exchange programs at both undergraduate and postgraduate levels. These potential collaborations are expected to support the development of academic programs, promote the exchange of expertise, and enrich the educational experience for students and staff.

The Industrial Engineering Department Holds a Seminar on “Fundamentals of Scientific Research and Reference Management Software”

The Industrial Engineering Department at Yarmouk University held a seminar titled “Fundamentals of Scientific Research and the use of Reference Management Software” for the graduate students of Al-Hajjawi College of Technology Engineering. This seminar was organized to enhance the students' scientific and research skills and to connect them with practical applications.

FUNDAMENTALS OF
SCIENTIFIC
RESEARCH AND THE
USE OF REFERENCE
MANAGEMENT
SOFTWARE

Industrial Engineering Department
Dr. Ahmad Mumani



Students Activities

Steel Team Organizes a Civil Engineering Industry Engagement Event at Hijjawi Faculty



Yarmouk University President Prof. Malek Al-Shrairei patronized an industry engagement event organized by the Steel Team Initiative in collaboration with the Department of Civil Engineering at Hijjawi Faculty for Engineering Technology.

In his remarks, Prof. Al-Shrairei highlighted that such student-led initiatives represent a practical model for integrating academic learning with real-world application. He emphasized that strengthening collaboration and networking with leading national companies supports the University's vision of deepening ties with the industrial sector and expanding opportunities for field exposure and high-quality training that enhance students' readiness for the job market.

The Dean of Hijjawi Faculty for Engineering Technology, Prof. Awad Al-Zoubi, stated that the event reflects the faculty's commitment to partnership with industry and to providing learning experiences beyond classrooms and laboratories. He noted the important role of student activities, field-oriented programs, and training workshops in developing students' practical and professional skills.

Dr. Mohammad Firas Tamimi, Supervisor of the Steel Team Initiative, explained that the initiative aims to build a strong bridge between students and industry by transforming the relationship from "distant awareness" into "on-ground experience." He added that the team's activities include high-quality field visits, community volunteer initiatives, and professional development lectures and workshops designed to equip students with career-ready skills and support a confident transition from university life to professional practice.

Industry representatives, including Laith Al-Qaraawi from Imdad Contracting Company and Mohammad Al-Adwan from Manaseer Ready Mix Concrete, commended the strong performance and professionalism of Hijjawi students during practical training and emphasized the importance of cooperation between national companies and educational institutions.



ACI Yarmouk University Student Chapter Participated in the 3rd Annual ACI Meeting



The ACI Yarmouk University Student Chapter participated in the 3rd Annual Meeting for Jordanian Universities' Student Chapters, hosted by the ACI Student Chapter at the Jordan University of Science and Technology (JUST). The chapter was represented by its academic advisor and members, who participated in the meeting alongside other ACI student chapters from universities across Jordan. The meeting focused on discussing effective ways to increase students' knowledge and awareness of concrete technology and construction materials. Participants exchanged ideas on educational activities, technical sessions, and plans aimed at strengthening students' understanding of concrete-related topics. The event highlighted the importance of connecting university studies with real-world engineering practice. It also demonstrated how collaboration between ACI student chapters supports the preparation of future engineers to meet international standards in the construction industry.

IEEE EMBS Student Chapter and Biomedical Systems and Informatics Engineering Students Participate in EMBS National Day 2



Students from the Biomedical Systems and Informatics Engineering Department, along with members of the IEEE EMBS team at Hijjawi Faculty for Engineering Technology, under the supervision of Dr. Ateka Khader, participated in the EMBS National Day 2 conference hosted by the Jordan University of Science and Technology. The event brought together EMBS community chapters from various Jordanian universities.

The conference gathered specialists, academics, students, and engineers in the field of biomedical engineering and highlighted the latest scientific and practical developments in this rapidly evolving discipline. The program included a series of specialized workshops and discussion sessions addressing key issues in biomedical engineering, fostering dialogue among academics, professionals, and students, and providing an inspiring educational experience that encourages student creativity and excellence. The event also showcased students' projects and innovative ideas, providing a valuable platform to highlight talent and exchange expertise among participants from different universities.

Prof. Amjad Al-Fahoum, from Yarmouk University's Biomedical Systems and Informatics Engineering Department, participated in a panel discussion entitled "Applications of Artificial Intelligence in Biomedical Engineering". During the session, he reviewed major AI applications in the medical sector, discussed technical and regulatory challenges, and highlighted promising national opportunities. Prof. Al-Fahoum emphasized the importance of supporting student and researcher projects in Jordanian universities to enhance innovation, advance medical technology, and contribute to the development of both the healthcare and industrial sectors in the Kingdom.

ACI Yarmouk University Student Chapter Hosts BTEC Program Students for an Educational Visit



The ACI Yarmouk University Student Chapter recently hosted BTEC program students from Al-Zarnouji School for an engaging visit to the Hijjawi Faculty of Engineering Technology. The visit aimed to inspire students and show them the exciting opportunities awaiting them in engineering. It began with an introduction to the fundamentals of civil engineering and its role in infrastructure development. Students toured advanced civil engineering laboratories, observing material testing and concrete strength analysis firsthand. The tour also included insights into architectural engineering and modern design practices. Through this hands-on experience, students connect classroom learning with real-world engineering applications. The chapter guided them in exploring the tools, techniques, and processes used in the field. Such initiatives help students understand the engineering world and make informed decisions about their future studies and careers. technology, and contribute to the development of both the healthcare and industrial sectors in the Kingdom.



Architectural Drawing Workshop for First-Year Students

To build foundational technical skills, the Cluster Architectural Students Team recently led an architectural drawing workshop tailored for first-year students. The session focused on practical, hands-on exercises designed to elevate their drafting precision and visual communication abilities.

Students worked through progressively challenging tasks, including accurately drawing architectural stairs—emphasizing proportions, dimensions, and structural clarity—and representing canopies with attention to detail. The workshop also introduced isometric drawing as a technique for visualizing and depicting three-dimensional spaces.

A key component of the training was the application of line weights, which students practiced enhancing the clarity, readability, and professional presentation of their drawings. This focus on technical precision helps improve both the graphic quality and communicative power of their work—a crucial step in their development as future architects.

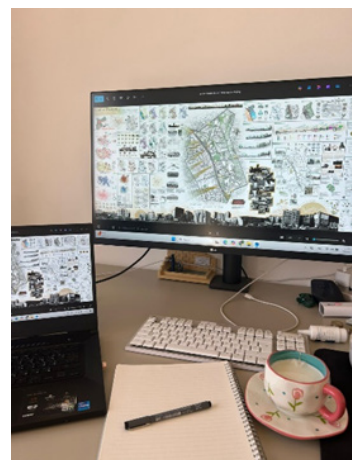
Through such peer-led initiatives, the Cluster Team continues to support skill-building from the very start of the academic journey, strengthening the department's culture of collaboration, mentorship, and practical learning.

Cluster Team Hosts Online Urban Design Workshop

The Cluster Architectural Students Team recently organized an online Urban Design workshop presented by Arch. Malak Bani Mostafa. The workshop offered students an in-depth look at the fundamentals of shaping cities and public spaces.

Focused on the dynamic relationship between people and the built environment, the session explored essential urban design principles—including public space organization, movement, density, and urban identity—through real-world case studies and practical examples. Arch. Bani Mostafa illustrated how these concepts are applied professionally, providing tangible connections between theory and practice. The workshop encouraged active participation, with students engaging in discussions and Q&A sessions that enriched their analytical thinking and deepened their understanding of urban design as a vital component of the architectural process.

This event is part of an ongoing effort to broaden students' perspectives and equip them with knowledge that bridges academic learning with real-world application—strengthening their readiness for future professional roles in architecture and urban planning.



Master's Students in Engineering Management Program Visit the Smart Learning Factory at GJU

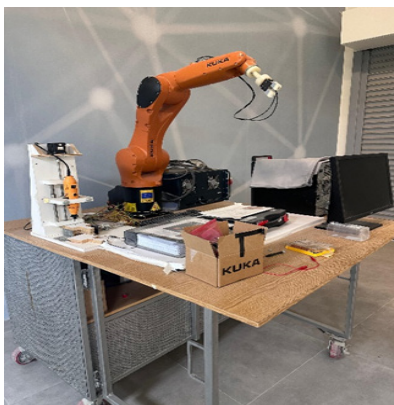


Master's students enrolled in the Engineering Management Program at the Industrial Engineering Department conducted a field visit to the Smart Learning Factory at the German Jordanian University (GJU), the first facility of its kind in Jordan. The visit was organized as part of the Engineering Process Management course activities.

During the visit, Dr. Hisham El-Moaqet, Director of the GJU Learning Factory, provided a comprehensive overview of the learning factory's principles, objectives, and operational framework. The students also observed a live demonstration conducted by the factory's engineers, which showcased the flexibility and reconfigurability of modern production systems and their processes.

Dr. Aiman Ziout, the course instructor, emphasized the importance of exposing students to state-of-the-art developments in their fields of study, as well as the value of collaboration with reputable local and international universities and research institutes.

It is worth noting that the visit not only enriched the students' learning experience but also opened avenues for future collaboration between Yarmouk University and GJU. This collaboration has been translated into a proposed capacity-building project, which, once funded, is expected to significantly enhance Yarmouk University's academic and research capabilities.



Architectural Students Attends Major Professional Event in Amman



On May 10, 2025, the Architectural Engineering Students participated in a prominent architectural event in Amman, organized as part of ongoing efforts to connect students with the professional architectural community. The Cluster Architectural Students Team coordinated travel from Irbid, facilitating an engaging and seamless experience for all attendees.

The event offered a range of insightful sessions, including lectures and panel discussions led by practicing architects, as well as presentations on contemporary trends and real-world projects. These interactions provided students with valuable exposure to current industry practices and sparked meaningful dialogue about the challenges and opportunities shaping the field of architecture.

By engaging directly with professionals and exploring cutting-edge architectural work, students gained practical perspectives that complement their academic studies. This experience helped bridge the gap between classroom learning and professional application, while fostering critical thinking and inspiration for their future careers. Such initiatives reflect the department's commitment to enriching student development through immersive, real-world exposure and professional networking.

Architectural Engineering Students Gain Real-World Insights Through Construction Site Visit

As part of the Building Construction course for second-year architectural engineering students, the Cluster Architectural Students Team organized an educational site visit designed to connect classroom theory with real-world practice.

Guided by Arch. Samia Ayoub and Engineer Yousef Dhiyanat, the visit offered students a firsthand look at active construction processes, structural systems, and on-site execution methods. Engineer Dhiyanat's clear and engaging explanations helped illustrate complex concepts, enabling students to better understand the practical challenges and solutions in contemporary construction.



Hands-On Site Analysis Workshop Builds Foundational Skills for Second-Year Architecture Students

The Department of Architectural Engineering at Hijjawi Faculty for Engineering Technology recently hosted a practical Site Analysis Workshop, designed to strengthen core competencies for second-year students. Focused on the essential skills of site evaluation and conceptual presentation, the workshop provided participants with tools directly applicable to their ongoing architectural design coursework.

Guided by the Cluster Architectural Students Team, the session emphasized a peer-to-peer learning approach. Team members shared firsthand insights and methods, enabling attendees to gain practical knowledge in assessing site conditions, context, and constraints. This collaborative format highlighted the value of student-led initiatives in fostering communication, mentorship, and shared growth within the department.

Through interactive exercises and real-world examples, students enhanced their ability to translate observational data into clear, compelling visual and verbal presentations—a critical step in the architectural design process. The workshop not only built technical proficiency but also encouraged a culture of teamwork and continuous learning among aspiring architects.



EMBS and Robotics Team Deliver Arduino Training Course



The Engineering in Medicine and Biology Society (EMBS), in collaboration with the Robotics Team, delivered an Arduino training course aimed at enhancing students' practical skills in electronics and programming. The course focused on Arduino fundamentals, sensor interfacing, and the development of simple applications, providing participants with valuable hands-on experience and encouraging interdisciplinary collaboration between student teams.

At the conclusion of the course, Dr. Ateka Khader, EMBS Advisor, presented certificates of participation to the students and expressed her appreciation for their active engagement and commitment throughout the training program.

EMBS Organized a Training Workshop for Content Team Members

The Engineering in Medicine and Biology Society (EMBS) organized a training workshop for Content Team members aimed at developing their scientific research skills. The workshop focused on how to search for reliable research papers, read and critically analyze scientific literature, and summarize key findings into clear, well-structured reports. This initiative contributes to enhancing the quality and credibility of the society's scientific content and strengthening members' research and analytical capabilities.



EMBS Participates in IEEE YU Student Branch Day



The Engineering in Medicine and Biology Society (EMBS) participated in IEEE Yarmouk University student branch day, aiming to introduce the field of Biomedical Engineering and highlight the role of EMBS within the IEEE community. EMBS members engaged with students, explained the various areas of Biomedical Engineering, and showcased the society's activities and initiatives. This participation helped raise awareness and strengthen EMBS's presence within the university.

EMBS Participates in the First Jordan IEEE Day 2025

The Engineering in Medicine and Biology Society (EMBS) participated in the first Jordan IEEE Day 2025, held at Applied Science Private University, with the presence of IEEE members, student branches, IEEE Jordan Section Chair Al-Mu'tasim Billah Al-Zuwairi, and Vice Chair Mohammad Anaqreh. The event featured a panel discussion highlighting the history and achievements of IEEE, in addition to several specialized workshops, including IEEE Young Professionals (YP) - Women in Engineering (WIE) Insights & Networking, EMBS Insights & Networking, and Global Connections through IEEE.

The event contributed to strengthening collaboration among IEEE branches and student groups, while highlighting the vital role of engineers in advancing technology and innovation at the national and international levels.



WIE Participates in IEEE YU Student Branch Day



The Women in Engineering (WIE) Affinity Group at Yarmouk University, supervised by Dr. Yusra Obeidat, Head of the Electronics Engineering Department, participated in IEEE YU Student Branch Day, an event that brought together IEEE student chapters to showcase projects, exchange ideas, and promote collaboration across engineering disciplines.

WIE members contributed through a series of technical presentations and awareness activities. Vice Chair Noor Jaber presented the "Smart Cap for the Blind," a wearable assistive device designed to help visually impaired users detect nearby obstacles. Web Master Rama Bani Fawaz introduced the "Smart Ultrasonic Object Counter," an Arduino-based system developed for counting industrial products efficiently.

In addition, the WIE team organized a breast cancer awareness segment, during which informational brochures were distributed to promote early detection and public health awareness.

This participation played a key role in enhancing student engagement, encouraging innovation, and supporting community-oriented initiatives within the IEEE network at Yarmouk University.



WIE at Yarmouk University Participates in the First Jordan IEEE Day



The Women in Engineering (WIE) Affinity Group at Yarmouk University participated in the first-ever Jordan IEEE Day Event, hosted at Applied Science Private University. The event brought together IEEE members and student branches from universities across Jordan to celebrate collaboration, innovation, and community engagement.

Yarmouk University was represented by members of the WIE core team, who took part in attending panel discussions, technical workshops, and networking sessions which aimed to share experiences and strengthen cooperation among IEEE communities.

The WIE team also showcased its awards, certificates, and technical projects at the exhibition booth, encouraging interaction and collaboration with participants. The event contributed to enhancing professional networking, strengthening collaboration between IEEE branches in Jordan, and emphasizing the important role of women engineers in advancing technology.

WIE-YU Participates in the IEEE WIE ILS 2025 Jordan

Members of the IEEE Women in Engineering (WIE) Affinity Group at Yarmouk University actively volunteered in organizing the IEEE Women in Engineering International Leadership Summit (ILS) 2025 - Jordan, held from December 6-8, 2025. The summit was organized and led by Dr. Yusra Obeidat, former Chair of IEEE Jordan WIE and the advisor of WIE-YU. Former Chair Nagham Sawalha and current Chair Leen Alhalman contributed to the Design and Social Media teams, enhancing the event's visual identity and digital outreach, while Alhalman also supported the Registration team. In addition, Vice Chair Noor Jaber and Webmaster Rama Banifawaz represented the WIE-YU team at the exhibition booth, interacting with participants and assisting with outreach efforts. This participation highlights the team's professionalism, leadership, and strong commitment to supporting international engineering initiatives.



WIE Core Team Holds Planning Meeting with Advisor

The Women in Engineering (WIE) Affinity Group at Yarmouk University held a planning meeting with the WIE advisor, Dr. Yusra Obaidat the Head of Electronics Engineering department, bringing together both newly appointed and returning core team members.

The meeting provided a collaborative platform to discuss upcoming activities, refine objectives, and review priorities for the academic year. Topics included preparations for major events, student outreach initiatives, and strategies to strengthen community engagement.

With guidance from Dr. Obaidat, the participants explored ways to enhance coordination, promote leadership opportunities for female engineering students, and ensure alignment with the broader goals of the Faculty and IEEE WIE initiatives.

The session contributed to establishing a clear roadmap for future programs and reinforced the commitment to supporting innovation, participation, and professional growth within the Women in STEM community.



Pink October Awareness Booth: Breast Cancer Education & Outreach

As part of IEEE Day activities at Yarmouk University, the Women in Engineering (WIE) affinity group supervised by Dr. Yusra Obeidat organized a Pink October awareness booth focused on promoting knowledge about breast cancer and the importance of early detection.

The booth was managed by the WIE core team with the support of student volunteers, and included interactive awareness questions, educational discussions, and the distribution of informational brochures related to early screening and prevention.

Participants received Pink October-themed notebooks, pens, and ribbon pins as part of the engagement activities. All awareness materials were provided by the King Hussein Cancer Center, supporting the campaign's goal of strengthening community health awareness on campus.

The initiative contributed to enhancing public health education, encouraging responsible health practices, and fostering meaningful outreach within the university community.



Cluster Team Hosts Practical AutoCAD Workshop to Boost Digital Drafting Skills

Continuing its series of skill-building workshops, the Cluster Architectural Students Team recently led an online AutoCAD training session designed to strengthen students' technical drafting abilities and understanding of professional standards.

The workshop focused on the core skills needed to produce precise 2D architectural drawings, covering essential tools such as file setup, drawing and editing commands, layer management, and professional layout techniques. Through live demonstrations and hands-on exercises, participants gained practical experience in applying AutoCAD functions to real architectural tasks—effectively bridging the gap between theoretical instruction and digital execution.

This interactive training helped students increase their technical efficiency, improve the quality of their academic projects, and build confidence using industry-standard software. By solidifying these foundational digital skills, the workshop prepares participants to meet both academic requirements and future professional demands with greater competence.

Such initiatives reflect the department's ongoing commitment to supporting student development through practical, software-focused learning that enhances readiness for the architectural workplace.

EMBS Participates in Tourette Syndrome Awareness Workshop

The Engineering in Medicine and Biology Society (EMBS) participated in an awareness workshop presented by Haneen Al-Tamimi, an individual living with Tourette syndrome. The workshop aimed to introduce the condition, its symptoms, and effective ways to provide support and interact with individuals affected by it. During the session, Al-Tamimi shared her personal experiences, highlighting both the psychological and behavioral aspects of the condition. The workshop targeted participants interested in mental and behavioral health and contributed to increasing awareness, understanding, and empathy toward individuals living with Tourette syndrome.

This initiative reflects EMBS's commitment to raising awareness on important health issues and fostering an inclusive and informed university community.



Robotics Team Hosts LinkedIn Workshop

The Robotics Team recently organized a LinkedIn training workshop for college students to enhance their professional presence and career development skills.

The session, delivered by Qusai Al-Mashreqi, covered key topics including creating an effective LinkedIn profile, writing professional summaries, showcasing skills and projects, and leveraging LinkedIn for networking and career opportunities.

This initiative highlights the Robotics Team's commitment to supporting students' professional growth and preparing them for the job market through practical, career-oriented training.

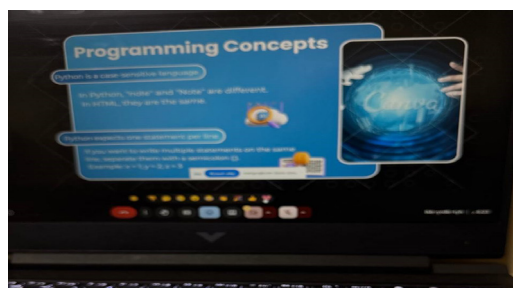


Robotics Team Hosts Comprehensive Python Workshop

The Robotics Team recently organized a comprehensive Python training workshop for college students, aimed at strengthening their programming knowledge and enhancing problem-solving and logical thinking skills.

The workshop, delivered by Dana Boarat, covered both theoretical and practical aspects of Python programming. Topics included Python fundamentals, variables and data types, control structures, functions, and basic data structures. Students also engaged in hands-on exercises and small projects, allowing them to apply concepts in real-world scenarios and gain confidence in writing and debugging Python code.

This initiative reflects the Robotics Team's commitment to fostering a strong learning environment, promoting technical growth, and equipping students with essential programming skills widely used in engineering, technology, and data-related fields.



Robotics Team at Yarmouk University Develops Innovative Advertising Robot

The Robotics Team from Yarmouk University - Hijjawi Faculty for Engineering Technology successfully designed and implemented an innovative Advertising Robot, demonstrating the application of robotics technologies in marketing and interactive display solutions.

This project showcases the team's creativity, technical expertise, and ability to transform engineering concepts into practical, real-world applications. The project was developed by the following students: Ibrahim Al-Mojali, Sarah Al-Bader, Heba Saeed, Mohammad Anaqreh, Shahd Obaidat, Maysaa Al-Hamad, Namarq Al-Bsharat and Abdulraouf Hussein.

This achievement highlights the spirit of teamwork within the Robotics Team and illustrates the integration of engineering and technology disciplines, emphasizing Yarmouk University students' ability to innovate and excel in applied technological projects.



Robotics Team Participates in SEC Booth Event

The Robotics Team participated in a booth in response to an invitation from the Software Engineering Club (SEC). The team presented an introductory booth highlighting its identity, ongoing activities, and notable achievements. The event also featured booths from various companies and student clubs, providing students with opportunities to explore different technical initiatives and engage with the broader campus community.



Faculty Members News

Dr. Yusra Obeidat Organizes International Women in Engineering Leadership Summit 2025 in Jordan



Dr. Yusra Obeidat, in her capacity as the Chair of the IEEE Women in Engineering (WIE) - Jordan Section, organized and led the International Women in Engineering Leadership Summit 2025, held from December 6-8, 2025 at the Bristol Hotel in Amman, under the theme "Women in Leadership." Hosting this flagship global WIE event in Jordan—the only Middle Eastern country to do so—marked a significant achievement reflecting the country's regional and international standing.

The summit aimed to empower women engineers through leadership development, mentorship, networking, and the promotion of diversity and inclusion in STEM, while inspiring future generations by showcasing success stories. The program featured interactive workshops, expert panels, technical lectures, and networking activities covering leadership, emerging technologies, career development, work-life balance, and STEM education.

The event brought together distinguished speakers from Jordan and abroad and was attended by around 160 participants, including engineers, academics, students, and industry representatives. The summit was widely praised for its strong engagement and meaningful impact on advancing women's leadership in engineering.



Prof. Awad Al-Zaben Participates in Arab Universities Union Scientific Seminar on Artificial Intelligence



Yarmouk University was represented by Prof. Awad Al-Zaben, Dean of the Hijjawi Faculty for Engineering Technology, and Prof. Khaled Nahar, Vice Dean of the Faculty of Information Technology, at the scientific seminar organized by the Association of Arab Universities under the title "Shaping the Future." The seminar hosted the international artificial intelligence expert and Chief Artificial Intelligence Officer at NASA's Goddard Space Flight Center, Prof. Omar Hatamleh, in the presence of Dr. Amr Salama, Secretary-General of the Association of Arab Universities, along with a distinguished group of academics and more than 150 remote participants from 14 Arab countries.

During the seminar, Prof. Hatamleh emphasized that artificial intelligence has become a transformative force reshaping education, the economy, healthcare, and the labor market. He noted that its impact extends to intellectual and specialized professions, highlighting its significant benefits in the medical sector, particularly in early diagnosis and clinical decision support.

He also cautioned against excessive reliance on artificial intelligence systems without critical thinking, stressing the importance of using AI as a supportive tool rather than a definitive source of truth. He further underlined the necessity of establishing ethical frameworks based on transparency, data privacy, and the protection of human rights.

In his intervention, Prof. Awad Al-Zaben addressed the rapid increase in the use of artificial intelligence tools, especially among students and researchers, warning that excessive dependence on such tools may negatively affect the development of critical thinking skills, emotional intelligence, and individual personality development.

Dr. Dania Bani Hani Participates as Technical Committee Member on Employment and Skills Development at Jordan Chamber of Industry



In Continuing its efforts to address employment challenges in the industrial sector, the Jordan Chamber of Industry formed a technical committee for employment and skills development. Dr. Dania Bani Hani represented Yarmouk University in the Technical committee and attended the technical sessions as part of Yarmouk University's collaboration with community stakeholders and exchange of knowledge and experiences and to improve the employment skills of its students. The committee, comprised of representatives from both the public and private sectors to review an official policy paper on employment and skills development, drawing on the Jordan Chamber of Industry's extensive experience in job matching and previous recommendations.

Dr. Bani Hani attended the technical sessions under which she attended the final meeting of the Technical Committee for Employment and Skills Development. Dr. Bani Hani along with other committee members provided practical recommendations related to: Developing vocational and technical education and training, Improving the work environment and decent work standards and Promoting employment for youth and women. Moreover, Dr. Bani Hani provided recommendations to reflect on shared priorities and practical solutions.

A Talk Titled "Embark on a Journey of Creativity" by Dr. Mutaz Dwairy

Dr. Mutaz Dwairy delivered a talk titled "Embark on a Journey of Creativity" at Yarmouk University, where he focused on encouraging students to work diligently and make creativity a central goal in both their academic and professional lives.



Dr. Dania Bani Hani Leads Workshop on Securing External Research Funding



Dr. Dania Bani Hani, Vice Dean of the Hijjawi Faculty for Engineering Technology, recently presented a comprehensive workshop on "Applying for External Funding for Research Projects." The workshop, organized by the Accreditation and Quality Assurance Center, brought together faculty members from across Yarmouk University's colleges for an intensive and highly interactive training session.

During the workshop, Dr. Bani Hani walked participants through the core principles of preparing successful international grant applications, highlighting best practices for identifying funding opportunities, understanding proposal requirements, and aligning projects with global research priorities. She placed special emphasis on the significance of building strong international collaborations and partnerships, which often play a pivotal role in securing competitive funding. The session also provided detailed insights into European Union-funded programs and other major international funding frameworks. Participants engaged in a hands-on group exercise where they developed preliminary project concepts, reviewed and critiqued sample applications, and shared practical experiences from their own research journeys.

The workshop concluded with lively discussions and the exchange of valuable strategies, leaving participants with a deeper understanding of how to strengthen their proposals and expand their involvement in international research opportunities. The event not only equipped faculty with practical tools for success but also fostered a stronger culture of global research engagement and innovation within the university community.

Prof. Amjad Al-Fahoum Explores Research Collaboration Between Yarmouk University and King Abdullah University Hospital



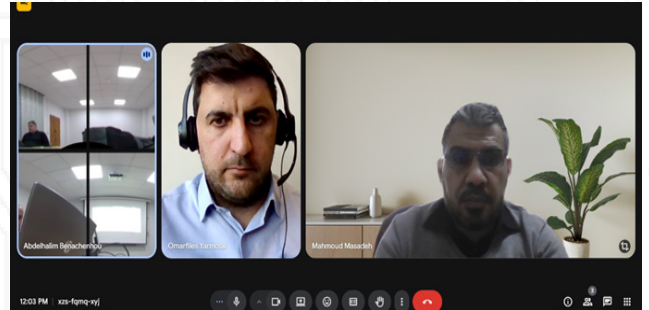
Prof. Amjad Al-Fahoum, Professor in the Department of Systems Engineering and Medical Informatics at Yarmouk University, along with his research team, held a scientific meeting with Prof. Hassan Al-Balas, Director of King Abdullah University Hospital, to discuss prospects for cooperation in transforming scientific research outcomes into practical applications that serve the healthcare sector and the Jordanian community.

The meeting focused on advancing research in the fields of brain and neurological diseases, as well as applications based on biosignals and medical imaging, with the aim of strengthening the linkage between scientific research and clinical needs and translating research outputs into impactful medical solutions and products. Both parties emphasized the importance of integrating academic expertise with the clinical environment and establishing sustainable research partnerships that support innovation and knowledge transfer.

The meeting was attended by Dr. Ahmad Yaseen, Neurology Specialist, Mr. Bilal Abu Al-Assal, Quality Manager, Eng. Rasha Abu Ain, Head of Medical Equipment, in addition to Eng. Alaa Al-Zyout and student Abdulrahman Uneizat, as part of efforts to support applied research and build the capacities of early-career researchers.

Dr. Mahmoud Masadeh Participates in the SAXEED.ECO Project Workshop

Dr. Mahmoud Masadeh, Head of the Department of Computer Engineering, participated in the workshop and closing event of the SAXEED.ECO project, which took place in Mostaganem, Algeria. The event brought together participants from Abdelhamid Ibn Badis University-Mostaganem (Algeria) and the Jordan University of Science and Technology, fostering academic collaboration and knowledge exchange among the participating institutions.



Dr. Yusra Obeidat Participates in IEEE Jordan Day

Dr. Yusra Obeidat, Head of the Electronics Engineering Department, participated in the IEEE Jordan Day event held at the Applied Science University, which was attended by a large number of students and faculty members from Jordanian universities. During the event, Dr. Obeidat conducted a workshop introducing the IEEE Women in Engineering (WIE) Jordan Section, highlighting its activities and diverse achievements. She also moderated a panel discussion on effective leadership skills.



Dr. Bani Hani participated in the training session for a DAAD funded project

Dr. Dania Bani Hani participated in a training program under the DAAD-funded project "Sustainability Awareness and Capacity Building at Jordanian Universities (Sustain-JO)", held at the University of Petra and attended by both faculty members and students. The project aims to strengthen sustainability awareness and practices in Jordanian higher education institutions by aligning with the Global Sustainable Development Goals and building on existing institutional initiatives to foster a culture of sustainability. The training sessions were delivered by faculty members from Hochschule Bonn-Rhein-Sieg University of Applied Sciences, Germany.



Dr. Yusra Obeidat Represents Jordan at International WIE Leadership Summit in Paris

Upon nomination by the IEEE Jordan Section, Dr. Yusra Obeidat represented the IEEE Women in Engineering (WIE) - Jordan Section at the International Women in Engineering Leadership Summit held in Paris. The summit featured a range of workshops and lectures highlighting the role of women in engineering and technology, addressing key issues related to leadership, the significant and impactful contributions of women in STEM fields, and the challenges women face in these fields.



Dr. Bani Hani attended the final dissemination conference of the RL4ENG Erasmus funded project

Dr. Dania Bani Hani attended the final dissemination conference of the Erasmus funded project entitled "Development of Remote and Virtual Laboratories for Teaching and Training Engineering Students in the South Mediterranean and Sub-Saharan Higher Education Institutions". The conference held at Yarmouk university provided highlights about the project objectives and their alignment with the Erasmus plus priorities at which the project aims to improve digital transformation skills through establishing Remote and Virtual Laboratories to improve the teaching and training of engineering students which in turn will improve the quality of higher education in third countries. The project also focuses on the capacity building for both students and faculty.

In addition, the sessions held at the conference highlighted the project achievements to establish remote labs and take home labs in countries spread among three continents: Asia, Africa, and Europe at which the project is implemented in institutions across six countries: Jordan, Lebanon, Morocco, Tanzania, Spain, and Germany.



Dr. Yusra Obeidat Leads Panel Discussion on AI and Sustainable Cities

Dr. Yusra Obeidat, the Chair of the Scientific Committee of the Electrical Engineering Division at the Jordan Engineers Association, organized a panel discussion as part of the committee's activities, titled "Towards Sustainable Jordanian Cities: The Role of Artificial Intelligence in Supporting the Economic Modernization Vision."

The panel brought together distinguished speakers, including Dr. Samah Al-Rahamneh and Dr. Moataz Al-Dabbai from the University of Jordan, along with Mr. Sinan Kamal from the Ministry of Digital Economy and Entrepreneurship. Dr. Yusra also chaired and moderated the session. The discussion was highly interactive, with the speakers sharing valuable insights, practical examples, and in-depth knowledge drawn from their strong expertise in the panel's themes.



Dr. Bani Hani attended the MoU signing ceremony for the HEIG project

Dr. Dania Bani Hani, the project coordinator of the HEIG project at Yarmouk University, facilitated and attended the MoU signing ceremony of the Higher education for innovation and growth (HEIG) project at Yarmouk university. The project is funded by the United States Agency for International Development (USAID) and implemented by the International Research & Exchanges Board (IREX). The project focuses on studying and addressing the university's needs related to continuous improvement and providing technical and physical assistance based on these needs. Moreover, the project includes collaboration done with the industrial sector in Jordan to promote academia-industry partnerships and build sustainable relationships that last beyond the project life time.



Prof. Amjad Al-Fahoum Participates in IEEE EMBS Jordan Panel on Artificial Intelligence in Biomedical Engineering



Prof. Amjad Al-Fahoum, from the Department of Biomedical Systems and Informatics Engineering at the Hijjawi Faculty for Engineering Technology, Yarmouk University, participated in a panel discussion organized by the IEEE Engineering in Medicine and Biology Society (EMBS) - Jordan titled "Applications of Artificial Intelligence in Biomedical Engineering."

During the session, Prof. Al-Fahoum presented an objective analysis of the pathways for integrating artificial intelligence across various biomedical engineering disciplines and their clinical and industrial applications. He highlighted key technical and regulatory challenges facing the sector, in addition to broader obstacles related to infrastructure, legislation, skills development, and research and development.

Prof. Al-Fahoum also pointed to the growing national opportunities in this field, emphasizing that strengthening student- and faculty-led projects at Jordanian universities represents a vital driver for achieving tangible impact in the advancement of medical technology. He stressed the importance of innovation and collaboration in developing value-added solutions that serve both the healthcare and industrial sectors in the Kingdom.

Dr. Baha Al-Sheikh and Students Participate in IEEE EMBS Lecture on Advanced Biomedical Applications

Dr. Baha Al-Sheikh, along with students Fares Maqbil and Ibrahim Al-Lahwani from the Department of Biomedical Systems and Informatics Engineering, participated in a distinguished lecture delivered by Prof. Hassan Nashash from the American University of Sharjah, a prominent speaker within the IEEE EMBS Global community. Prof. Nashash previously served as Head of the Department of Electronics Engineering at the Hijjawi Faculty for Engineering Technology.



The lecture was organized by the IEEE EMBS Jordan Chapter and held at the Geneva Hotel on December 29, 2025. During the lecture, Prof. Nashash discussed his latest research on addressing concentration and attention-related disorders. He presented several applications used in the diagnosis and treatment of attention deficit conditions, including diagnostic approaches based on EEG signal analysis and the use of visible light, as well as therapeutic techniques such as electrical stimulation therapy and magnetic resonance-based treatments. This lecture reflects the IEEE EMBS Jordan Chapter's commitment to connecting students and researchers with the latest global scientific developments and enhancing their understanding of practical biomedical engineering applications, thereby supporting the development of research skills and opening new horizons in advanced diagnostic and therapeutic technologies.

Dr. Bani Hani delivered a Training Workshop on Results Analysis and Improvement Plan Development

Dr. Dania Bani Hani conducted a workshop entitled "Results Analysis and Improvement Plan Development," organized by the Accreditation and Quality Assurance Center at Yarmouk University, with the participation of faculty members from various colleges. The workshop reflected the university's ongoing commitment to enhancing teaching quality, academic performance, and continuous improvement practices.

The workshop addressed the mechanisms for formulating learning outcomes correctly to facilitate results analysis. It demonstrated how course portfolios can be used to systematically link learning outcomes with course reports, analyze assessment results, and develop actionable and realistic improvement plans. Emphasis was placed on the importance of utilizing student assessment data and feedback to ensure that improvement plans are evidence-based and responsive to actual academic needs.

Key topics included analyzing student performance to identify strengths and weaknesses in relation to educational objectives, preparing course reports as a critical step in the improvement cycle, and employing diverse assessment methods such as peer and self-assessment to enhance the quality of analysis. The workshop featured practical, hands-on activities using real data, encouraging interactive discussions and the development of measurable improvement proposals. Dr. Bani Hani emphasized that the ultimate goal of such training is to foster a culture of sustainable improvement and enhance the overall educational process.

Dr. Bani Hani presented a Training Workshop on The Jordanian local accreditation for the academic programs

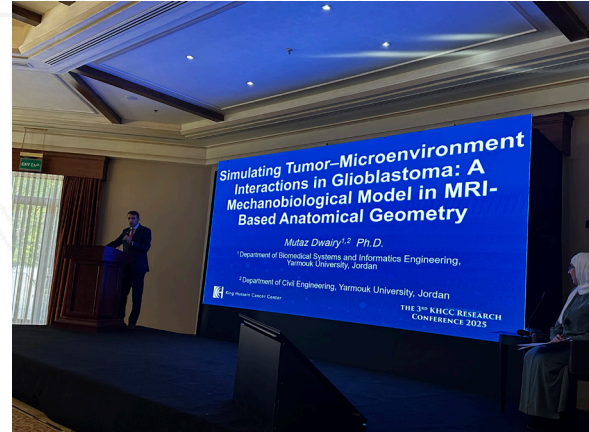
Dr. Dania Bani Hani delivered a workshop entitled “Jordanian Local Accreditation for Academic Programs”, organized by the Accreditation and Quality Assurance Center at Yarmouk University. The workshop was attended by faculty members from various colleges, reflecting the university’s commitment to quality assurance and academic excellence.

The workshop focused on the local accreditation process as governed by the Accreditation and Quality Assurance Commission in Jordan, addressing its objectives, requirements, and significance for academic programs. Key topics covered included: Understanding the requirements and documentation needed for local accreditation, the accreditation process, including the review phases and specific requirements at each stage, and practical steps in preparing reports, supporting files, and necessary documentation.

The workshop was highly interactive, with participants engaging in discussions and practical exercises related to accreditation procedures and documentation. Dr. Bani Hani emphasized the critical role of accreditation in fostering a culture of sustainable improvement and enhancing the quality of academic programs.

OME Lab Presents Research at the King Hussein Cancer Research Conference

The Oncology Engineering Medicine (OME) Lab, represented by Dr. Mutaz Dwairy, presented recent research on mechanobiological modeling of glioblastoma using MRI-based anatomical geometry at the 3rd King Hussein Cancer Research Conference, held at the Dead Sea.



OME Lab Presents Research at an International Immunotherapy Conference

The Oncology Engineering Medicine (OME) Lab, represented by Dr. Mutaz Dwairy, recently presented its research on mechanotherapeutic remodeling of the breast tumor microenvironment using losartan at the international meeting "Young Researchers and Innovators on Immunotherapies: The Future is Now," hosted by the Instituto Português de Oncologia do Porto (IPO-Porto), Portugal.



Dr. Mahmoud Masadeh Presents Research at the International Conference on Microelectronics (ICM 2024)

Dr. Mahmoud Masadeh from the Computer Engineering Department participated in the 37th International Conference on Microelectronics (ICM 2024), held in Cairo, Egypt. During the conference, he presented two research papers entitled "On the Extension of Boundary Scan Testing for Approximate Computing" and "Energy-Efficient Approximate Prewitt Filter Design."



Dr. Mohammad Firas Tamimi Featured on YFm 105.7 “Discover Your Major” to Discuss Civil Engineering



Dr. Mohammad Tamimi was hosted on YFm 105.7 in an episode of the radio program “Discover Your Major,” presented by Salma Al-Hazaimah, during which he discussed the Civil Engineering major and its academic and professional pathways.

During the episode, Dr. Tamimi highlighted the wide scope of civil engineering and its major fields, and provided practical guidance on how students can develop themselves throughout their university years by building strong academic foundations, acquiring essential skills, and engaging in hands-on learning experiences. He also addressed post-graduation pathways, including early career planning, pursuing professional training, and exploring opportunities for graduate studies, emphasizing the importance of continuous learning and aligning personal interests with labor market needs.

The episode contributed to raising students’ awareness of the civil engineering discipline and offered clear, actionable advice to help them make informed decisions regarding their academic and professional development.

Dr. Yusra Obeidat Participates in WIE Mentorship Program Field Visit

Dr. Yusra Obeidat took part in a field visit organized by Dr. Ruba Al-Khasawneh, a mentor in the WIE Mentorship Program, to Al-Hussein Business Park. During the visit, female mentees from several Jordanian universities toured a number of companies across diverse sectors, visited Al-Hussein Technical University, and explored various engineering and technology laboratories within the university. The WIE-Jordan Section Mentorship Program is one of its key initiatives, bringing together final-year female engineering students from different Jordanian universities. The program aims to empower participants, strengthen their connection to the labor market, and expose them to leading companies in the engineering and technology sectors.



Promoted Faculty Members Since October 2025

The Hijjawi Faculty for Engineering Technology congratulates the promoted faculty members since October 2025!

To Associate Professor



Dr. Muna Alibrahim

Architectural Engineering

To Full Professor



Prof. Ayman Al-Quraan

Electrical Power Engineering



Prof. Hisham Almasaeid

Computer Engineering



Prof. Qasem Qananwah

Biomedical Systems Engineering



Prof. Randah Hatamleh

Civil Engineering



Prof. Faisal Shalabi

Civil Engineering



Prof. Mohammad Al-Momani

Electrical Power Engineering

Promoted Faculty Members Since October 2025

The Hijjawi Faculty for Engineering Technology congratulates the promoted faculty members since October 2025!

To Full Professor



Prof. Mahmood Al-khassawneh
Computer Engineering



Prof. Faris Matakah
Civil Engineering

Success Stories

Hijjawi Faculty Wins Second Place in the 27th Jordanian Universities Student Scientific Research Award



A research team from Hijjawi Faculty for Engineering Technology at Yarmouk University achieved second place in the 27th Jordanian Universities Student Scientific Research Award (2025), after the first place was withheld. The winning team included student Qabas Al-Battoush and was supervised by Dr. Mohammad Firas Tamimi from the Department of Civil Engineering. The award was granted for the research titled: "The Interaction between Royal Empowerment, the University Environment, and Digital Media and Its Impact on Shaping Intellectual Transformations among Jordanian University Youth (2020-2024)."

The team was honored during a ceremony held at The University of Jordan, under the patronage of its President Prof. Nadhir Obeidat, and in the presence of Dr. Ra'fat Al-Sharman, Vice Dean of Scientific Research and Graduate Studies at Yarmouk University. The award is overseen by a higher committee representing several Jordanian universities and academic institutions, including Yarmouk University. The committee highlighted the importance of the award in identifying outstanding student research capabilities and strengthening the culture of scientific inquiry within Jordanian higher education institutions.

In its current cycle, the award proposed 18 research topics within three main themes: the Jordanian local context, the Arab-Islamic context and the Arab-Israeli conflict, and international issues. The cycle witnessed wide participation from students across Jordanian universities, while the first-place award was withheld as no submission met its required threshold.

Prof. Awad Al-Zoubi, Dean of Hijjawi Faculty for Engineering Technology, stated that this accomplishment reflects the faculty's strong research environment and its ongoing commitment to supporting talented students and encouraging their participation in national scientific competitions. He added that scientific research remains a core academic priority aligned with Yarmouk University's vision of linking academic work to national and societal needs.

Dr. Mohammad Firas Tamimi, the research supervisor, affirmed that the achievement is the result of serious collaborative work and organized scientific effort, stressing the vital role of academic supervision in developing students' research skills and transforming ideas into competitive national-level studies.

This achievement further underscores Hijjawi Faculty's role in fostering a research-oriented academic culture that promotes excellence, creativity, and meaningful engagement with contemporary intellectual and societal challenges.



Hijjawi Faculty Team Wins First Place in Best Programming Track at 21st National Robot Championship



A team from the Hijjawi Faculty for Engineering Technology, in collaboration with the Faculty of Information Technology at Yarmouk University, won first place in the Programming Category at the 21st National Robot Championship. The championship was organized by the Arab Robotics and Artificial Intelligence Association and hosted by Applied Science Private University on November 22, 2025, with the participation of seven Jordanian universities.

The championship attracted more than 300 students from schools and universities across Jordan, serving as a key platform for promoting innovation, technical excellence, and practical skills among youth. It also represents the main qualifying stage for Jordanian teams to advance to regional and international competitions, including the World Robot Olympiad (WRO).

The winning team consisted of students Sara Al-Badr, Ibrahim Rababa'ah, Mohammad Anaqrah, and Majd Badour, under the supervision of Dr. Shadi Al-Laboun from the Hijjawi Faculty for Engineering Technology. The team demonstrated outstanding performance in programming, innovation, and practical implementation, earning top honors among the participating universities.

Prof. Awad Al-Zaben, Dean of the Hijjawi Faculty for Engineering Technology, expressed pride in the achievement, highlighting the excellence of Yarmouk University students and their ability to compete in advanced technological fields. He also praised the role of academic supervision and thanked the Hijjawi Foundation's Career Development Center for its continued support in enhancing students' practical skills and readiness for the labor market.

This achievement reaffirms Yarmouk University's ongoing commitment to supporting student creativity and encouraging excellence in engineering and technological disciplines.

IEEE Yarmouk University Student Branch Honored with Regional Exemplary Student Branch Award



The IEEE Yarmouk University Student Branch, operating under the Deanship of Hijjawi Faculty for Engineering Technology, has achieved a major regional milestone by receiving the IEEE Regional Exemplary Student Branch Award 2025 at the level of IEEE Region 8, which encompasses Europe, the Middle East, and Africa.

This prestigious recognition reflects the branch's outstanding performance in organizational excellence, impactful technical and professional activities, and sustained student engagement throughout the year. The award highlights the branch's ability to effectively align its initiatives with IEEE's mission while fostering leadership, innovation, and volunteerism among its members. This achievement represents the result of cumulative and collaborative efforts led by a dedicated student leadership team, with continuous support from the university administration, faculty members, partners, and volunteers.

In this context, the branch extends its sincere appreciation to Prof. Zaid Albataineh, IEEE Yarmouk University Counselor, for his continuous support, guidance, and mentorship, which played a vital role in strengthening the branch's performance and strategic direction. The branch also expresses its gratitude to Ali Jowahreh, former Chair of the IEEE Yarmouk University Student Branch, in recognition of his valuable leadership and contributions that helped establish a strong foundation for the branch's continued success.

This recognition positions the IEEE Yarmouk University Student Branch as a distinguished model of student excellence within the IEEE community and reinforces Yarmouk University's reputation as a hub for engineering leadership and academic distinction. The award marks not only a significant accomplishment, but also a strong starting point for future growth, broader impact, and continued regional and international achievements.

Nagham Sawalha Receives 2025 IEEE Region 8 Outstanding WIE Student Volunteer Award



Nagham Sawalha, a student in the Biomedical Systems and Informatics Engineering Department at the Hijjawi Faculty for Engineering Technology, Yarmouk University, and former Chair of WIE-YU, has received the 2025 IEEE Region 8 Outstanding Women in Engineering (WIE) Student Volunteer Award, which covers Africa, Europe, and the Middle East.

She was nominated and encouraged to apply by Dr. Yusra Obeidat, former Chair of WIE-Jordan and Advisor of WIE-YU. The award recognizes Sawalha's distinguished leadership and active volunteer contributions within the IEEE Women in Engineering community. Through her role, she played a key part in organizing impactful activities and initiatives that promote female empowerment and strengthen the presence of Jordanian women in engineering and technology.

This achievement reflects Sawalha's strong commitment to volunteerism, leadership, and professional development, as well as Yarmouk University's ongoing support for student excellence and active participation in international IEEE programs and activities.



Hijjawi Faculty Students Qualify for RoboCraft Competition Finals



Under the supervision of Dr. Shadi Alboon, a team of students from the Hijjawi Faculty for Engineering Technology participated in the RoboCraft Competition, held at Jadara University on January 6, 2026, and achieved a notable national accomplishment by qualifying for the competition finals. The team advanced among 120 competing teams from universities across Jordan.

The students successfully progressed through multiple competitive stages to reach the final round, standing among only 15 finalist teams in a highly competitive event organized by the IEEE Robotics and Automation Society (RAS). The competition emphasized robotics innovation, hands-on engineering skills, and effective teamwork.

The Hijjawi team—Islam Magableh, Khaled Ghathian, and Ali Jowahreh (Team Leader)—demonstrated strong technical competence, perseverance, and a collaborative spirit throughout the competition, reflecting the quality of engineering education and active student engagement at the faculty.

Commenting on this achievement, Professor Awad Al-Zaben, Dean of the Hijjawi Faculty for Engineering Technology, stated:

"Reaching the RoboCraft finals among such a large number of competing teams is a proud achievement that reflects our students' technical competence, creativity, and determination. We are committed to supporting initiatives that strengthen practical learning and innovation."

This achievement represents an important milestone for Hijjawi students and highlights the faculty's continued support for student participation in national competitions that promote applied learning, innovation, and engineering excellence.

Qusai Mashreqi Represents Yarmouk University in the “Qimam” International Program for Emerging Leaders



The Qimam Program is an international fellowship supported by a coalition of leading national and global companies. It aims to identify and empower outstanding university students in Jordan by developing their leadership and professional skills. Participants benefit from specialized leadership training, one-on-one mentorship with leaders from the public and private sectors, field visits to major companies and institutions, and membership in the global Qimam alumni network. Launched in Saudi Arabia in 2018, the program has graduated over 350 distinguished alumni and expanded to Jordan and the MENAP region (Middle East, North Africa, Pakistan) in 2025, reflecting its commitment to nurturing young talent as an investment in the future.

Mashreqi successfully completed the program after an intensive 12-day training, which included workshops, hands-on activities, one-on-one guidance sessions with executive and technical leaders, meetings with government officials and ministers, and field visits to prominent corporate sites in Jordan.

Commenting on his experience, Mashreqi emphasized the importance of initiatives that empower young leaders, connect them with industry and government sectors, and enable them to maximize their impact through innovative ideas and projects.

Prof. Awad Al-Zaben, Dean of Hijjawi Faculty for Engineering Technology, praised this achievement, highlighting that it reflects the excellence of Yarmouk University students and the quality of its academic programs, which aim to prepare a qualified generation of leaders equipped to contribute to Jordan's development and innovation.

Students from the IE department to win the first place in the Nutrition Technology Entrepreneurship Competition (NETC)



The Nutri-AI: Intelligent System for Controlling Food Production Lines project achieved first place in Jordan, out of 112 participating teams, in the Nutrition Technology Entrepreneurship Competition (NETC). Students from the Industrial Engineering Department—Shahd Anabtawi, Farah Al-Momani, Tuqa Abu Al-Khail, and Yara Darwish contributed significantly to the project's development and implementation. This project was under the supervision of Dr. Dania Bani Hani, whose guidance and support played a pivotal role in the project's success.

The competition was held under the Nutrition Technology Entrepreneurship Competition (NETC) and organized by Yarmouk University, represented by the Deanship of Student Affairs. It witnessed broad participation from university and school students across Jordan, aiming to support innovation and the development of practical technological and engineering solutions. The competition initially featured 112 teams, each consisting of 24- students, which were then narrowed down to 9 finalist teams.

The project relies on developing an intelligent system to control food production lines using artificial intelligence technologies and real-time monitoring of nutritional values, which contributes to improving food quality, reducing waste, and increasing production efficiency, in support of the move towards healthy and sustainable food.

Hijjawi Faculty Participates in IEEE PES Regional Training in Cairo

Hijjawi Faculty for Engineering Technology at Yarmouk University participated in the IEEE PES Region 8 Chapter & SBC Chairs Training 2025 in Cairo, Egypt. Ms. Dania Handawi, Chair of the IEEE PES - YUSB student community, represented the university and Jordan.



The two-day training included leadership sessions, team-building workshops, and technical discussions on sustainability and innovation, bringing together IEEE student leaders from across the region. Ms. Handawi actively contributed to discussions, showcasing Yarmouk University's commitment to student empowerment and regional collaboration.

Prof. Awad Al-Zaben, Dean of the Faculty, praised the participation as a reflection of the university's dedication to developing students' academic and leadership skills.

Hijjawi Faculty Student Participates in the IEEE TSYP13 International Conference in Tunisia



Hassan Abu Sreis, a student in the Computer Engineering Department at the Hijjawi Faculty for Engineering Technology, participated in the IEEE TSYP13 (Tunisian Students and Young Professionals Congress), which was held in Hammamet, Tunisia, at the city's Convention Center from December 22 to 24.

During the conference, Abu Sreis represented the Hashemite Kingdom of Jordan and Yarmouk University in his capacity as the Founder and Secretary of the IEEE Aerospace and Electronic Systems Society - Jordan Section Chapter (IEEE AESS Jordan Section Chapter).

The conference included a dedicated IEEE AESS booth, where Abu Sreis presented the key activities and initiatives of IEEE AESS in Jordanian universities, highlighting the chapter's role in supporting students and organizing workshops, conferences, and technical competitions related to aerospace systems, aviation, and advanced electronic systems. The booth also introduced an upcoming regional competition, which will be jointly organized by IEEE AESS Jordan and IEEE AESS Tunisia at the level of IEEE Region 8, covering the Middle East, North Africa, and Europe. On the sidelines of the conference, Abu Sreis met with the core leadership team of IEEE AESS Tunisia, including Engineer Jinan, Engineer Amin, and their team, to discuss avenues for future regional collaboration. He also met with Prof. Braham Himed, President of IEEE AESS, and Phillip Markiton, who praised the remarkable activity and growing regional impact of IEEE AESS Jordan. This participation reflects the commitment of the Hijjawi Faculty for Engineering Technology and Yarmouk University to supporting students' involvement in international scientific conferences and strengthening their presence in global engineering and technological forums.



Master's Thesis Defenses

The Hijjawi Faculty for Engineering Technology congratulates the master's students on successfully defending their theses!

"A Zero-Trust Security Model for Enhancing IoT Security Using a Hybrid Federated Learning Approach "

Advisor: Prof. Amin Alqudah

Student: Alaa Al-Hammad

"Risk Assessment of Children with Cancer Presenting with Fever to the ER Using Large Language Models (LLMs) Guided by Medical Protocols"

Advisor: Prof. Ahmad Al-Omari

Student: Eng. Ruba Mohammad AlZyood

"Mitigation of Industrial Risks to Enhance Supply Chain Resilience"

Advisor: Dr. Ghazi M. Magableh

Co-advisor: Dr. Amjad Alsakarneh

Student: Eng. Hamza Bani Younis

"Improving Traffic Flow using a Combined Fuzzy MCDM and Simulation-Based Approach"

Advisor: Dr. Ghazi M. Magableh

Student: Eng. Ghadir Akram Subaih

"A Developed Model toward Smart Sustainable Campus"

Advisor: Dr. Ghazi M. Magableh

Co-advisor: Dr. Sinan Obaidat

Student: Eng. Najwan Obeidat

"Ergodic Sum Rate Maximization of a Cooperative Rate-Splitting Multiple Access Network under Statistical Channel State Information"

Advisor: Dr.Sharief Abdel-Razeq

Student: Eng. Sajida Al-Jdayeh

Happy New Year 2026!

The Administration of Hijjawi Faculty for Engineering Technology wishes you a successful New Year 2026!



Prof. Awad AL-Zaben
Dean of Faculty



Prof. Madhar Ta'amneh
Vice Dean



Dr. Mohammed Halloush
Vice Dean



Dr. Mus'ab Abuaddous
Vice Dean



Dr. Ateka Khader
Assistant Dean



Prof. Mohammad Al-Zu'bi
Head of Mechanical Engineering
Department



Prof. Mohammad Al-Momani
Head of Electrical Power
Engineering Department



Dr. Hasan Aldiabat
Head of Communication
Engineering Department



Dr. Mahmoud Masadeh
Head of Computer Engineering
Department



Dr. Yusra Obeidat
Head of Electronics Engineering
Department



Dr. Mu'ath Abu Qamar
Head of Civil Engineering
Department



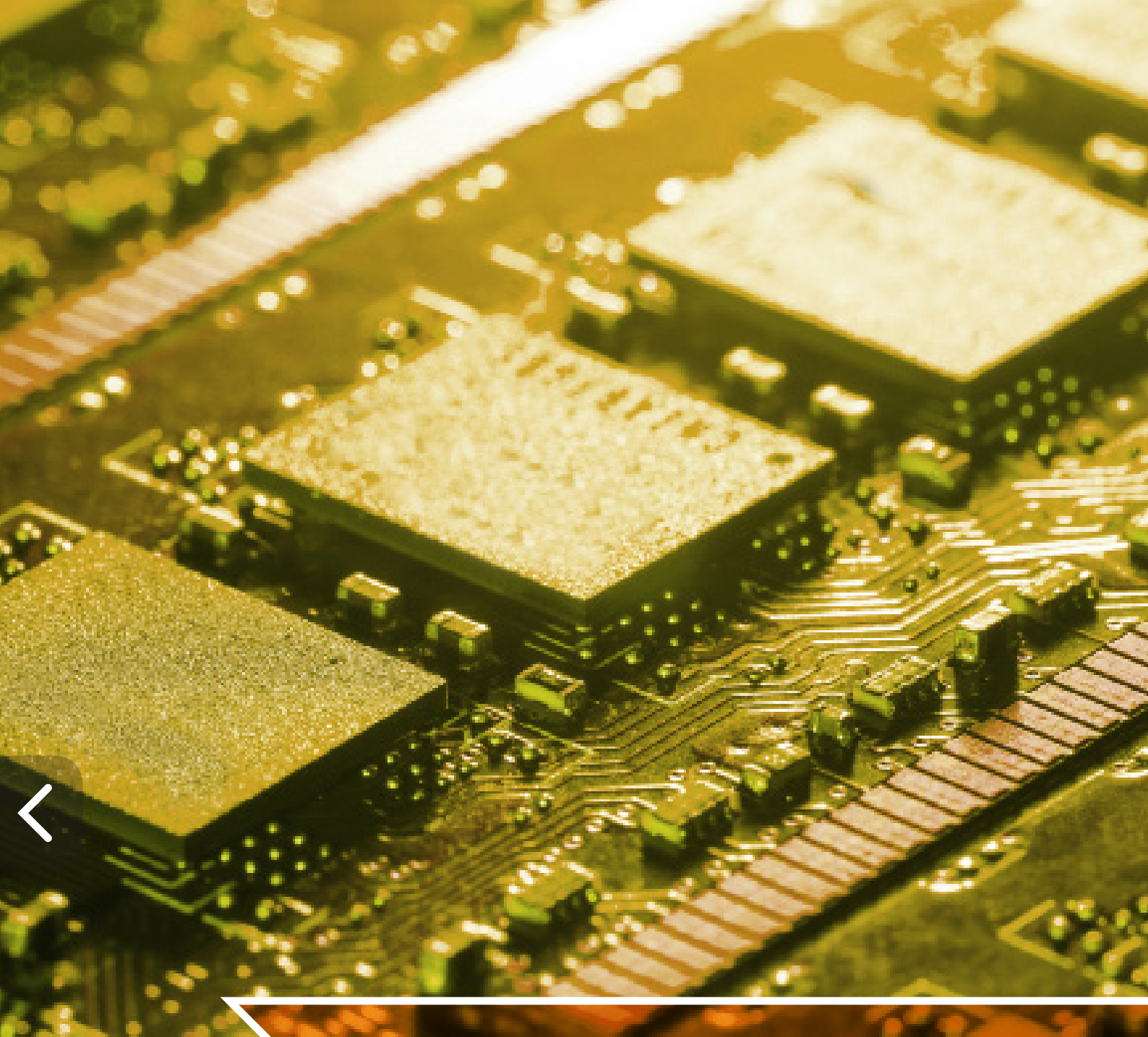
Dr. Baraa Alkhatatbeh
Head of Architectural Engineering
Department



Dr. Ahmad Mumani
Head of Industrial Engineering Department



Eng. Sami Almashaqbeh
Head of Biomedical Systems
and Informatics Engineering
Department



Newsletter Staff:

Editor-in-Chief: Prof. Awad AL-Zaben, Dean

Editor: Dr.Ateka Khader , Assistant Dean

Designer: Dr.Ateka khader Assistant Dean

<https://engineering.yu.edu.jo/>
engineering.fac@yu.edu.jo
+962 2 721 1111 ext. 4251