



Engineering
Accreditation
Commission



Hijjawi Faculty Newsletter

Issue 16 October 1st 2025



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

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Dean's Message



Welcome to the 16th issue of the Hijawi Faculty for Engineering Technology Newsletter!

As in every edition, this issue presents a fresh set of distinguished alumni profiles, along with updates on faculty news, student activities, faculty members' achievements, and inspiring success stories from the past three months.

This issue comes at a special time, as we close the academic year 2024 / 2025 and look forward to the start of 2025 / 2026. It offers us the opportunity to reflect on our key accomplishments and set our sights on the objectives that will shape the next phase of our journey.

During the past year, the faculty achieved a remarkable record of progress. We were the only faculty at Yarmouk University to achieve 100% completion of all required strategic plan reports. All 11 bachelor's programs were successfully aligned with the

Jordanian National Qualifications Framework, and applications for local accreditation were submitted for each, supported by comprehensive self-study reports and evidence. We submitted ABET accreditation for application for the Architectural Engineering program, which will undergo an accreditation visit in late 2025—making it the first of its kind in the Arab region. Moreover, the faculty initiated the process of obtaining ISO certification, a first at the university level.

Beyond accreditation, we strengthened our global academic footprint by securing USD 1 million in funding from USAID through IREX for the HEIG project in medical manufacturing, advancing several other international project proposals, and preparing for our first peer-reviewed international scientific conference, to be held in May 2026. This year also witnessed the launch of our redesigned faculty website, the creation of our first faculty magazine and brochures, the opening of a dedicated Career Development Unit

supported by the Hijjawi Scientific Foundation, the successful hosting of our first Alumni and Career Forum, and the publication of the first Hijjawi Alumni Success Stories booklet. Other highlights included the hosting of TEDx Yarmouk University—the first in northern Jordan—and the introduction of three new diploma programs in applied technologies, alongside the integration of industry-recognized micro-credentials into all study plans.

Looking ahead, our objectives for 2025 / 2026 are equally ambitious. We aim to complete all ongoing local and international accreditation processes and secure positive outcomes, including ISO certification as the university's first accredited faculty, and the preparation for ABET reaccreditation of nine bachelor's programs. For the first time in the Arab region, we will also pursue ABET accreditation for selected master's programs. Next year will also mark the launch of our first IEEE-supported scientific conference, while parallel efforts focus on upgrading all laboratories and classrooms, and introducing new academic programs such as Artificial Intelligence Engineering, Cybersecurity Engineering, and Pharmaceutical Engineering. Additionally, we will restructure our graduate programs and academic departments, establish an International Students Recruitment Unit and an Endowment Fund with the support of the Hijjawi Scientific Foundation, and expand opportunities for local and international training and career development. Finally, we will continue to enhance our faculty's visibility in global rankings such as QS, THE,

and U.S. News, while supporting student initiatives, research clubs, and expanding our distinguished alumni network through the second Alumni and Career Forum.

The Alumni and Career Forum in particular has already proven to be one of the most impactful initiatives of our faculty, bringing together graduates, students, employers, and faculty members in an inspiring atmosphere of exchange and collaboration. It is a platform that strengthens ties with our alumni community, creates pathways for our students into the labor market, and demonstrates the faculty's commitment to bridging academic excellence with professional success.

These achievements and aspirations reflect the unwavering dedication of our faculty, staff, students, alumni, and partners. Each milestone we have reached over the past year is the result of hard work, collaboration, and a shared vision of excellence. As we step into a new academic year, we reaffirm our commitment to building a faculty that is not only a leader in engineering education in Jordan and the region, but also a pioneer in research, innovation, and societal impact.

Together, we continue to build an institution that inspires confidence, drives progress, and proudly represents Yarmouk University on the national, regional, and international stage.

On behalf of the Faculty leadership team, I wish you and your families a Happy and Prosperous New Academic Year 2025 / 2026.

Prof. Mohammad A. Alzubaidi, PhD
Dean
Hijjawi Faculty for Engineering Technology

Alumni

■ Eng. Razan Barham



Eng. Razan Barham (Class of 2011), a graduate of the Computer Engineering program at the Hijjawi Faculty for Engineering Technology, currently serves as a senior software engineer that has amassed 10 years of experience developing 3D applications for desktop and mobile using different programming languages and game engines like Unreal engine and unity. She is specializing in advanced programming tasks, codebase optimization, and system integration - effectively turning complex ideas into working applications.

Her journey began as a trainee at the Orange Yarmouk Innovation Laboratory (OYIL) during her graduation year. There, she led a groundbreaking project to build a mobile app that converts human speech into sign language using a 3D character. This application combined voice recognition with real-time 3D

animation, demonstrating an early commitment to making technology inclusive and accessible. By successfully integrating code scripting and 3D, they showed fellow students how interdisciplinary skills (voice recognition, animation, and programming) can solve real-world problems for the deaf and hard-of-hearing community.

After graduation and Since 2016, she has been a Senior Software Engineer at SimLab Soft, a company dedicated to accessible 3D software tools. At SimLab Soft she has contributed to key products and cutting-edge projects.

When she joined SimLab Soft in 2016, she began to discover her true passion: working with 3D technology. What started as developing applications for viewing and managing 3D content soon turned into an exciting journey of exploration and innovation. At SimLab, she not only built a strong professional foundation but also created a wonderful working environment where creativity and engineering came together.

Her curiosity led her to ask a simple but powerful question: How can we take 3D models beyond the computer screen? This question guided her into exploring emerging technologies such as Virtual Reality (VR) and Augmented Reality (AR). She began experimenting with ways to bring 3D models to life through mobile phones, standalone VR headsets, and AR toolkits.

Through determination and technical expertise, she helped transform SimLab's products into immersive experiences—optimizing desktop software for VR headsets like HTC Vive and VR Meta quest devices.

Then, she starts in building AR mobile applications, and publishing VR apps for Different VR devices. By blending innovation with her love for 3D, she shaped tools that made complex models more interactive, accessible, and exciting to explore.

Another milestone in her journey at SimLab Soft has been developing collaboration features that allow multiple users to explore and interact with 3D models together in real time. By integrating networking systems, custom online subsystems and communication tools, she enabled people to connect, share, and discuss complex 3D content as if they were in the same room.

What makes this achievement even more powerful is its application in education. She has contributed to building strong educational experiences tailored to different types of learners and professionals—ranging from university students who use 3D and VR to study engineering and design, to medical practitioners who leverage immersive environments for training and visualization.

Through these efforts, she proved that collaboration in 3D is not only about technology—it's about creating meaningful ways for people to learn, teach, and innovate together.

She has always cared deeply about introducing Augmented Reality (AR) on mobile devices and Mixed Reality (MR) in VR environments. Her goal has been to move 3D models beyond static screens and into the real world, where users can interact with them in meaningful ways.

In addition to her achievements in 3D, AR, and VR, she has recently begun working with Large Language Models (LLMs) in the field of Artificial Intelligence. Her aim is to introduce these cutting-edge AI technologies into SimLab's workflow, enhancing the way users interact with 3D applications.

By exploring how LLMs can support tasks such as intelligent assistance, automation, and smart collaboration inside 3D environments, she is helping SimLab stay ahead of the curve. This work highlights her constant drive to blend emerging technologies with 3D innovation, ensuring that the future of visualization is not only immersive but also intelligent.

She also joined World of Letters, an educational nonprofit,

as a mobile developer. In this role she helped create an augmented-reality (AR) app to teach children the Arabic alphabet in an engaging way. She built an interactive AR experience where letters come to life for young learners through a book owned by World of Letters. She also continued to enhance the app's features, demonstrating how AR and mobile development can bridge educational gaps. This project underscored her belief that cutting-edge technology can be used for social good - inspiring future developers to use tech to empower others.

One of the biggest projects she works with Cheil (Samsung Group) to apply virtual reality (VR) to digital marketing. As a mobile developer there, she contributed to a Samsung online store app that used MetaHuman and Unreal Engine 5 to create a virtual store tour. In this experience, a realistic virtual guide walks the user through store aisles, showcasing products with interactive details. By blending VR, 3D human modeling, and online connectivity, she helped Samsung make shopping both immersive and informative. This project highlights how gaming and visualization tools can transform traditional experiences - a lesson that students can carry into any creative tech career.

This engineer's story demonstrates how curiosity and hard work in college can blossom into a dynamic tech career. She went from a university lab project to shaping VR and AR applications used worldwide. She emphasizes to students that mastering foundational skills (coding in C++, C#, learning Unity/Unreal, etc.) is key, but equally important is creativity and collaboration: solving problems like developing a software with many different technologies requires thinking beyond the code. By continuously learning new tools and taking on diverse projects, she shows that young developers can follow their passions into impactful roles. Her journey is a powerful example for students: with dedication and innovation, anyone can turn virtual ideas into reality.

■ Eng. Karam Khrais



Eng. Karam Khrais (Class of 2019), a leading expert in the field of digital fabrication and a passionate advocate for hands-on STEM education, holds a distinguished role as the Fabrication Labs Supervisor at Orange Jordan, where he oversees the operations and educational programs of six fabrication labs across various governorates in Jordan. With a background in product design and digital fabrication, Eng. Khrais has dedicated his career to merging creativity with technology to empower youth and communities through innovation.

His expertise spans 3D design, additive and subtractive manufacturing, electronics design and programming, and the development of sustainable prototypes and MVPs (Minimum Viable Products). Throughout his journey, he has led the design and implementation

of interactive, project-based curricula that introduce students and educators to digital tools such as 3D printers, laser cutters, CNC machines, and microcontrollers.

One of his most impactful contributions is the MARS-JO Rover project, which began as a simple concept and evolved into an inspiring educational model for teaching digital fabrication, programming, and problem-solving. This project has been featured in national events and continues to serve as a gateway for youth to explore advanced technologies.

Eng. Karam is also recognized for his role in designing and leading numerous workshops and STEM events that foster creativity and critical thinking. His work has enabled hundreds of students, educators, and idea bearers to transform their ideas into real, functional prototypes. His approach emphasizes sustainability, innovation, and real-world impact.

In addition to his technical leadership, he actively documents best practices in educational design and collaborates with local and international partners to expand access to digital fabrication tools and knowledge. His role also involves setting KPIs, evaluating program outcomes, and ensuring continuous improvement across all labs he supervises.

With his multidisciplinary background as a product designer, digital maker, and certified Design Thinking & Sprint trainer, Eng. Karam continues to shape the future of education and innovation in Jordan—empowering the next generation of creators, engineers, and changemakers.

■ Eng. Marah M. Al-Tieneh



Eng. Marah M. Al-Tieneh (Class of 2019), holds a Bachelor's degree in Computer Engineering and is currently serving as a Pre-Sales Specialist at Estarta Solutions, where she brings together her strong technical background and business-oriented mindset to deliver tailored solutions that drive value for clients.

Immediately after graduation, Marah began her career as a Cisco TAC Engineer in the AAA team at Estarta. In this role, she was responsible for resolving highly complex issues related to Cisco Identity Services Engine (ISE) and AAA principles. She developed advanced troubleshooting skills, frequently analyzing logs, detecting bugs, and designing effective solutions under demanding conditions. By utilizing labs, knowledge bases, and systematic problem-solving approaches, she ensured that critical network and security infrastructures remained secure, reliable, and fully operational.

Her ability to combine technical expertise with leadership qualities was quickly recognized, and within only two years she was promoted to Team Leader of the AAA team. In this capacity, she not only continued to provide technical guidance on critical cases but also managed operational workflows, mentored

junior engineers, and oversaw escalations. This role strengthened her leadership and communication skills while establishing her as a trusted authority within the team and the wider organization.

Alongside her professional achievements, Marah consistently pursued certifications that enriched her expertise and validated her skills. Within the first two years of her career, she obtained CCNA Routing & Switching, CCNP SCORE, and CCNP SISE. She later reached a major career milestone by earning the prestigious Cisco Security CCIE #67286. Since the CCIE program's inception in 1993, only around 70,000 engineers worldwide across all technologies have achieved this certification, underscoring the exceptional level of commitment and technical mastery it represents.

At the end of 2023, after two successful years as a team leader, Marah transitioned into her current role as a Pre-Sales Specialist. In this position, she collaborates closely with sales teams and clients to design technical proposals, prepare documentation, and articulate the business value of Cisco technologies in competitive markets. Her role allows her to translate complex technical features into strategic advantages, helping organizations make informed decisions that align technology with business objectives.

In addition to her Cisco expertise, Marah has broadened her focus to encompass wider cybersecurity solutions. During this period, she earned certifications such as Fortinet Associate in Cybersecurity, Fortinet Fundamentals in Cybersecurity, Cisco CCNP Firepower, and Palo Alto PCNSE. These credentials reflect her commitment to continuous learning and her ability to adapt to the evolving landscape of cybersecurity technologies.

Marah's journey highlights a rare blend of deep technical knowledge, proven leadership, and business-focused communication. With her passion for technology and dedication to professional growth, she continues to position herself as a trusted advisor in networking and cybersecurity, enabling organizations to strengthen their infrastructures and achieve their strategic goals.

■ Eng. Mohammad Al-Shoubaki



Eng. Mohammad Al-Shoubaki (Class of 2024), a graduate of the Industrial Engineering program at Yarmouk University - Hijjawi Faculty for Engineering Technology, has always focused on bridging academic knowledge with practical application. During his studies, he contributed to several engineering projects, most notably an innovative renewable energy project involving the design and development of portable wind turbines. These turbines featured a modern design and flexible functionality, offering clean and mobile energy solutions for remote areas and emergency settings.

From the early stages of his career, Mohammad demonstrated a strong professional commitment and the ability to drive project progress while overcoming technical and organizational challenges. He believes that industry is not just a productive activity or a financial engine, but rather a national identity and a core pillar of sustainable development that improves the quality of life within communities.

In line with this vision, Mohammad became part of a joint project between the Amman Chamber of Industry (ACI) and the Cologne Chamber of Crafts in Germany (HWK Köln), aimed at advancing vocational and technical education and training for Jordanian workers in the industrial sector. As part of this project, he established a collaboration network that includes 209 industrial facilities across seven governorates, making it one of the largest networks in the history of the Amman Chamber of Industry. He played a key role as a liaison between stakeholders, ensuring precise planning and effective execution.

Mohammad is responsible for preparing and implementing the project's annual plans, as well as drafting official reports for the German partner. He benefits from specialized training in evaluation and management methodologies, based on precise German protocols. He also possesses advanced skills in bid preparation and evaluation, resource management, and data analysis—supporting strategic decision-making at the institutional level.

Mohammad continues to work on strengthening the integration of engineering education with real-world practice, with the aim of helping build a more efficient and sustainable Jordanian industrial sector, founded on trustworthy partnerships and operational excellence.

With this mindset and sense of responsibility, Eng. Mohammad Al-Shoubaki represents a modern example of an industrial engineer striving to turn ideas into tangible results that benefit his country.

Faculty News

Hijjawi Faculty Leads Fifth Meeting of "RL4Eng" Project in Lebanon



The Hijjawi Faculty for Engineering Technology at Yarmouk University led the fifth meeting of the project "Development of Remote and Virtual Laboratories for Teaching and Training Engineering Students in the South Mediterranean and Sub-Saharan Higher Education Institutions (RL4Eng)", funded by the European Union under the Erasmus+ program. The event was recently held at the University of Balamand in Lebanon.

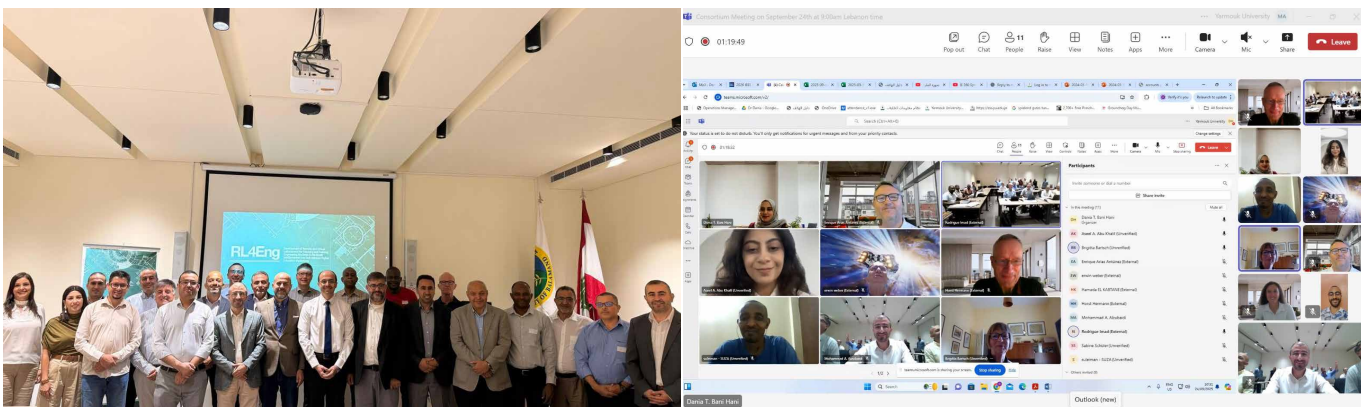
This project aims to enhance the educational process in engineering by integrating modern technology into teaching and training. It seeks to create interactive virtual platforms that provide students with practical learning opportunities and realistic simulations, regardless of time or location. The project also contributes to strengthening faculty competencies and enables students to gain valuable practical experience, aligning with the requirements of the regional and international labor market.

The meeting brought together 15 academic institutions from Jordan, Lebanon, Morocco, Tanzania, Spain, and Germany. Participants shared the latest updates and outcomes achieved since the project's launch and reviewed future work plans and strategies to expand the initiative to reach a larger number of students.

The event included specialized workshops on integrating virtual laboratories into curricula and utilizing them to enhance students' engineering skills.

The Yarmouk University project management team, consisting of Dr. Mohammad Alzubaidi, Dean of the Hijjawi Faculty for Engineering Technology, Dr. Dania Bani Hani, Vice Dean (participating remotely), and Dr. Amin Jarrah from the Department of Computer Engineering, highlighted the university's leadership role in overseeing the project since its inception. They emphasized the university's strong commitment to supporting international initiatives that enhance higher education quality and foster cross-border academic collaboration.

It is noteworthy that Yarmouk University, through the Hijjawi Faculty for Engineering Technology, received EU support under the Erasmus+ program three years ago as the project owner, managing its activities in cooperation with partners from the six participating countries. This reinforces the university's position as a pioneering institution in leading international projects aimed at advancing higher education in the region.



Hijjawi Faculty Organizes TEDx Yarmouk University Event



On behalf of the Minister of Youth, Dr. Yassin Al-Hleil, Assistant Secretary-General for Technical and Strategic Affairs, sponsored the TEDx Yarmouk University conference, organized by the Hijjawi Faculty for Engineering Technology at Yarmouk University. The event featured a distinguished group of Jordanian speakers and an audience that included academic leaders, students, and enthusiasts of culture, creativity, and technology.

In his opening speech, Dr. Al-Hleil emphasized that this conference reflects the young Jordanian identity, weaving passion and excellence into a global platform for everyone. He highlighted that TEDx Yarmouk University represents a unique experience in the north of the Kingdom.

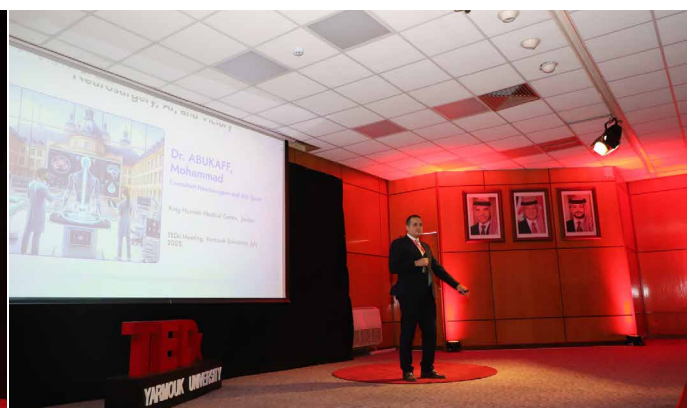
For his part, Dr. Mohammad Alzubaidi, Dean of the Hijjawi Faculty for Engineering Technology, expressed his pride in organizing this exceptional event at Yarmouk University. He stressed that TEDx Yarmouk University is not merely an activity but a manifestation of the university's vision and pioneering role in empowering students and promoting a culture of creativity and community engagement.

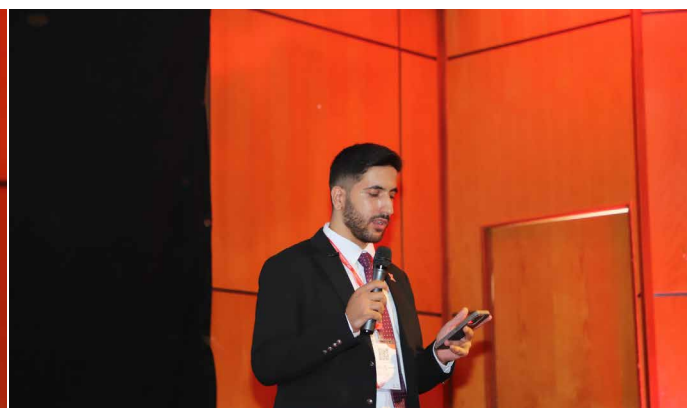
He added that the university's participation in organizing this event stems from its belief that the role of academic institutions is no longer limited to transferring knowledge, but extends to building an environment that fosters critical thinking, experimentation, and entrepreneurship. He also pointed out that Hijjawi Faculty takes pride in not only graduating competent engineers but also in shaping personalities capable of making an impact and serving their communities. Al-Zubaidi praised the tremendous efforts of the 41-student organizing team, acknowledging their role in delivering the event at a level that befits the university. He also expressed his deep gratitude to all the speakers, sponsors, and supporters.

Meanwhile, the conference chairman, student Hassan Abu Sarris, shared that his journey with TEDx began in 2022 as a junior organizer at a small conference. However, his passion drove him to create a deeper and broader experience with TEDx Yarmouk University 2025. He affirmed that what happened today is a youth-driven experience, shaped by a student vision that aims to bring Jordanian voices and inspiring ideas to the world.

The conference showcased a lineup of inspiring speakers with diverse backgrounds and experiences.

It is worth noting that TEDx Yarmouk University is one of the most prominent youth events held in northern Jordan under the official TEDx license. This year, it was held under the theme: "From the Heart of Jordan to the World," embodying the creative Jordanian spirit that strives to make an impact beyond borders.





Hijjawi Faculty First Annual Alumni and Career Forum - Day 1



On behalf of the Minister of Digital Economy and Entrepreneurship, the Ministry's Secretary-General, Engineer Samira Al-Zoubi, attended the opening of the First Annual Alumni and Career Forum, organized by the Hijjawi Faculty for Engineering Technology at Yarmouk University, in the presence of the Acting President of Yarmouk University, Dr. Mousa Rababah.

Al-Zoubi expressed her pride in the capabilities and competitiveness of Jordanian youth at both the regional and global levels, noting that this first forum of the Hijjawi Faculty for Engineering Technology serves as a vital platform for linking educational outputs with labor market requirements, and providing students and graduates with direct communication opportunities with public and private sector institutions, thereby enhancing their chances of obtaining quality jobs in the fields of technology and innovation.

She stressed that the Ministry places youth at the heart of its strategic plans to address employment challenges, through implementing specialized training programs and equipping them with globally recognized digital skills and professional certifications from major technology companies such as Microsoft and Amazon Web Services, in line with the rapid technological advancements.

Al-Zoubi pointed out that these efforts fall within the Ministry's vision to empower youth and motivate them to transform their ideas into scalable and competitive entrepreneurial projects, urging students to take advantage of these initiatives and programs as a real opportunity to shape their professional future.

For his part, Dr. Rababah stated that this forum brings together the legacy of knowledge and the strength of youth, combining yesterday's achievements with tomorrow's aspirations. He emphasized that it is not just an annual event, but a genuine platform for communication, a bridge connecting the university with the labor market, and an opportunity to strengthen cooperation between the expertise of the university's creative graduates and the needs of national and international institutions.

He noted that since its establishment, the Hijjawi Faculty for Engineering Technology has been a hub for producing competencies, refining skills, and supplying the engineering and technology sector in Jordan and the region. He affirmed Yarmouk University's pride in the distinguished achievements of its graduates across various professional fields.

Rababah stressed that Yarmouk University has always been, and will remain, a beacon of science and knowledge in our beloved homeland—not merely an educational institution, but a home for scholars, a laboratory for ideas, and a haven for ambitious dreams—where the future is crafted by creative hands, and the concepts of leadership and excellence are embodied in all their dimensions.

Meanwhile, the Dean of the Faculty, Prof. Mohammad Alzubaidi, affirmed that the Faculty believes a competitive engineer is not built through lectures alone, but through the actual integration of theory and practice, supported by modern laboratories, local and international field training, and the guidance of distinguished academic staff who accompany the student throughout their journey.

He pointed out that the Faculty's academic plans include courses in career readiness, artificial intelligence, and language learning, with opportunities to earn internationally recognized industrial certifications, all within a vibrant student environment that shapes leaders before engineers.

Delivering the alumni speech, Tamby Al-Askar emphasized that he and his colleagues learned from engineering how to break down complex problems into simpler components, design innovative solutions from scratch, and think analytically in a way that allows them to see both the big picture and fine details simultaneously. He explained that this mindset enables engineers to adapt quickly to changing challenges in today's world, both personally and professionally.

Al-Askar shared a glimpse of his professional journey, noting that it is the result of the strong foundation built by the Hijjawi Faculty within its graduates. He highlighted his career path from purely technical roles to becoming the Regional Director for the Middle East at a leading manufacturer of communications equipment for control and command centers.

On the sidelines of the forum, the Faculty inaugurated its Career Development Unit and launched its first initiative, "Your Path to Employment," aimed at preparing graduates for the labor market by enhancing their soft skills, enabling them to excel professionally, compete effectively, and secure distinguished employment and training opportunities. The Unit also seeks to guide students towards entrepreneurship and the creation of their own projects.

At the conclusion of the first day of the forum, Vice President of the University for Administrative and Financial Affairs, Dr. Yousef Obeidat, in the presence of the Dean of the Hijjawi Faculty for Engineering Technology, Prof. Mohammad Alzubaidi, honored the sponsors, participants, and winners of the "Your Path to Career" competition. Dr. Obeidat also honored distinguished graduates, the top students of the 46th cohort at the Faculty level, as well as outstanding staff members of the Faculty.





Hijjawi Faculty First Annual Alumni and Career Forum - Day 2



Dr. Mwaffaq Otoom, Vice President of Yarmouk University for Development and Global Rankings, sponsored the closing of the second day of the First Annual Alumni and Career Forum, organized by the Hijjawi Faculty for Engineering Technology. The event witnessed wide participation from company representatives, national institutions, alumni, and students.

Dr. Otoom affirmed that Yarmouk University has always been a beacon of knowledge and a hub for ideas, producing distinguished national competencies. He stressed that the forum serves as a strategic platform to strengthen cooperation between the university and the labor market, embodying Yarmouk's mission of empowering its students and graduates to innovate and compete in diverse fields.

Dean of the Faculty, Dr. Mohammad Alzubaidi, explained that the second day of the forum aimed to open direct channels between students and alumni on one side, and public and private sector institutions on the other, thereby enhancing opportunities for training and employment. He highlighted the faculty's focus on preparing its graduates for the labor market by developing curricula, providing modern laboratories, and building partnerships with national and international institutions to equip students with both theoretical knowledge and practical skills.

On behalf of the participating companies, Eng. Mahmoud Jaradat, General Manager of Manaseer Ready Mix Concrete, emphasized the importance of such initiatives in strengthening the ties between academia and business. He noted the crucial role of national institutions in supporting students and providing them with training and job opportunities that positively shape their career paths.

The second day's activities included a series of specialized lectures designed to prepare students and alumni for the job market. These were delivered by the Career Development Unit at the faculty, in collaboration with the Hijjawi Foundation for Career Development. Eng. Hazem Owais presented the latest engineering applications and technologies linked to AutoDesk programs, showcasing their role in enhancing engineers' efficiency. Eng. Hamed Qwaisem focused on building professional, targeted CVs, while Dr. Mohammad Rawashdeh delivered a motivational lecture on self-development, seizing opportunities, and honing skills to boost competitiveness. In addition, the day featured the opening of the Graduation Projects Exhibition, where students showcased their innovations to evaluation committees and participating companies.

The forum concluded with the honoring of participating companies in the Career Fair, in recognition of their support for students and alumni, and their role in facilitating direct communication with both public and private institutions. Awards were also presented to outstanding students, the top three graduation projects were announced, and students who achieved local and international accomplishments over the past year were recognized.





Career Development Unit Inaugurated at Hijjawi Faculty



On behalf of the Minister of Digital Economy and Entrepreneurship, the Ministry's Secretary-General, Eng. Samira Al-Zoubi, attended the opening of the First Annual Alumni and Career Forum and inaugurated the new Career Development Unit at the Hijjawi Faculty for Engineering Technology at Yarmouk University.

The Unit launched its first initiative, "Your Path to Employment," which aims to prepare graduates for the labor market by enhancing their soft and professional skills, strengthening their competitiveness, and guiding them towards entrepreneurship and the creation of their own projects.

This initiative reflects the Faculty's commitment to equipping its students not only with academic knowledge but also with the practical and professional tools required to succeed in today's rapidly evolving job market.



Excellence Awards and Honors at the Hijjawi Faculty for Engineering Technology



As part of the First Annual Alumni and Career Forum, Dr. Yousef Obeidat, Vice President of Yarmouk University for Administrative and Financial Affairs, together with Prof. Mohammad Alzubaidi, Dean of the Hijjawi Faculty for Engineering Technology, honored the forum's sponsors, distinguished alumni, top students of the Faculty's 46th cohort, and outstanding staff members.

Platinum Sponsors:

Al-Mutahidon International Administrative Company
Engineering Consulting Group

Silver Sponsors:

Jordan Engineers Association - Irbid Branch
Irbid Chamber of Industry

Outstanding Alumni:

The Faculty also honored a number of distinguished alumni who have achieved remarkable success in their professional careers, serving as an inspiration to current students and recent graduates.

Outstanding Administrative Staff Awards:

Mrs. Rania Haddad - Best Administrative Employee (2022-2023)
Mr. Mo'tasem Mahmoud Al-Ajlouni - Best Administrative Employee (2022-2023)
Mrs. Amira Mohammad Jaradat - Best Administrative Employee (2024-2025)

Outstanding Research Awards:

Prof. Hiyam Al-Qar'an - Best Researcher (2021-2022)

Dr. Ayman Atiyeh Al-Qar'an - Best Researcher (2024-2025)

Outstanding Master's Thesis Award:

Prof. Ahmad Musa - Best Master's Thesis (2021-2022)

Outstanding Teaching Awards:

Dr. Yusra Obeidat - Best Teacher (2021-2022)

Dr. Mohammad Rouhi Al-Rawashdeh - Best Teacher (2021-2022)

Outstanding Engineering Staff Award:

Eng. Mohammad Al-Sa'di - Best Engineer (2021-2022)

Top Students of the 46th Cohort:

Industrial Engineering: Mo'men Zakaria Abdulaziz Al-Najjar

Civil Engineering / Construction Management: Anas Amjad Saleh Al-Zoubi

Civil Engineering / Building Technology: Jlnar Hamed Mohammad Sabaheen

Mechanical Engineering / Design Technology: Ayham Iyhab Mohammad Yaqoub

Communication Engineering: Abdulrahman Suleiman Mohammad Khalifat

Electronics Engineering: Amro Kamel Ahmad Saleh

Computer Engineering: Halimah Yousef Mohammad Adous

Architectural Engineering: Aseel Kamal Ibrahim Al-Naji

Electrical Power Engineering: Ma'moon Ahmad Fuad Mazher

Biomedical Informatics Engineering: Sarah Faisal Sameeh Abdulqader

Biomedical Systems Engineering: Haneen Jamal Hussein Al-Khuz'ali

This recognition ceremony reflects the Faculty's commitment to celebrating excellence at every level—students, alumni, faculty, researchers, engineers, and administrators—while strengthening partnerships with industry and professional institutions that contribute to the advancement of education and innovation.







First Issue of Hijjawi Faculty Alumni Success Stories Booklet



The Hijjawi Faculty for Engineering Technology at Yarmouk University has released the first issue of the “Hijjawi Alumni Success Stories” booklet, in English, available both electronically and in print. The booklet serves as a platform to document and celebrate the distinguished achievements of its graduates, highlighting their journeys in turning challenges into opportunities, and dreams into reality filled with innovation, hard work, and continuous learning.

This publication comes as part of the faculty’s efforts to strengthen ties with its alumni, bridge the gap with labor market demands, and open broader horizons for its students to access training and employment opportunities. It also supports the faculty’s pursuit of advancing in global rankings and obtaining international accreditations.

Dr. Mohammad Alzubaidi, Dean of the Hijjawi Faculty for Engineering Technology, emphasized that the success stories featured in the booklet are not merely individual accomplishments, but testimonies to the values of excellence, innovation, and teamwork. He noted that the graduates stand as role models for future generations of the faculty’s students.

The booklet showcases the diverse career paths pursued by the faculty’s graduates in fields such as engineering, technology, scientific research, entrepreneurship, and leadership in global companies—embodying the faculty’s mission of preparing competencies capable of making a positive impact in their communities and the world.

It is worth noting that the “Hijjawi Alumni Success Stories” booklet will be published annually in English, in conjunction with the faculty’s Annual Alumni and Career Forum. It serves as an inspiring reference for current and prospective students and delivers a clear message that the journey to success begins in the classrooms of Yarmouk University.

A dedicated page has been created on the faculty’s website for future issues of the booklet, accessible via the link: <https://engineering.yu.edu.jo/index.php/engage/alumni-booklet>

The first issue of the booklet can be accessed directly here:

<https://engineering.yu.edu.jo/images/docs/alumnibooklet/issue01.pdf>

A WORD OF INSPIRATION FROM THE DEAN



It is with great pride that I present this booklet, which highlights inspiring stories of our students and graduates who turned their dreams into reality through determination, ambition, and knowledge.

These success stories are more than just personal achievements — they are proof that excellence begins with a step, grows with effort, and thrives with support and hard work.

We take great pride in every Hijjawi graduate who has carved a path in the world of innovation, leadership, and professionalism, and we see in them a guiding light for future generations.

At Hijjawi Faculty, we believe that every student has a story worth telling, and that the future begins the moment we believe in our ability to succeed.

Together, we build a brighter future worthy of our university and our country.

With my best wishes
for continued excellence and success,

Prof. Mohammad A. Alzubaidi
Dean, Hijjawi Faculty for Engineering Technology

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Hijjawi Foundation Career Development Center

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Yarmouk University

First Edition of Hijjawi Faculty Magazine and Brochures



Hijjawi Faculty for Engineering Technology at Yarmouk University has released the first edition of its magazine, along with brochures introducing its seventeen academic programs. The materials were prepared and designed by a team of faculty members and engineers at the college.

Dean of the Faculty, Dr. Mohammad Alzubaidi, explained that the magazine provides comprehensive information about the faculty and its various programs, while the brochures aim to introduce students, visitors, and those interested in engineering fields to the opportunities offered by the faculty. Printed copies of these informational materials will be distributed to the university's and faculty's guests, in addition to making electronic versions available on the faculty's official website.

This initiative comes as part of the faculty's efforts to strengthen communication with the academic and student community, while showcasing its achievements and distinguished programs.

The magazine and brochures can be accessed through the following link:

<https://engineering.yu.edu.jo/index.php/engage/magazine>

Hijjawi Faculty Explores Training Partnership with MadfooatCom



As part of its ongoing efforts to develop its students' skills and enhance their employment opportunities, the Hijjawi Faculty for Engineering Technology at Yarmouk University organized an official visit to the headquarters of "MadfooatCom" in the capital, Amman, to discuss possible frameworks of cooperation in practical training and career development.

The delegation included Eng. Ayman Hijjawi, Chairman of the Hijjawi Foundation, Dr. Mohammad Alzubaidi, Dean of the Faculty, Dr. Dania Bani Hani, Vice Dean and Supervisor of the Career Development Unit, and Eng. Khitam Al-Shannaq, Supervisor of the Hijjawi Foundation Career Development Center at the Faculty. The delegation was received by Eng. Nasser Saleh, CEO of MadfooatCom, where an extensive discussion was held on the prospects of collaboration between the two parties.

The meeting focused on exploring ways to involve students of the faculty in specialized technical training programs conducted within the real work environment of MadfooatCom, with the aim of enhancing practical skills and linking academic knowledge to real-life applications in the fintech sector. Discussions also covered supporting student entrepreneurial projects, as well as providing paid internship opportunities or potential employment for outstanding students. Both parties emphasized the importance of building bridges between the academic and private sectors to graduate engineers capable of keeping up with the demands of digital transformation and technological innovation in Jordan and the region.

In this context, Dr. Mohammad Alzubaidi, Dean of Hijjawi Faculty for Engineering Technology, expressed his appreciation for MadfooatCom's efforts in supporting vocational education. He stressed the Faculty's belief in the importance of integrating academic learning with practical application, and stated that this visit represents an important step towards building a strategic partnership that will directly benefit the students. Alzubaidi also praised MadfooatCom's openness to cooperation, which will result in the implementation of high-quality training programs that will help prepare qualified engineering cadres capable of keeping pace with rapid technological advancements.

Hijjawi Faculty Participates in National Policy Committee on Employment and Skills Development



Dr. Dania Bani Hani, Vice Dean of the Hijjawi Faculty for Engineering Technology, represented the Faculty in the first meeting of the National Committee organized by the Jordan Chamber of Industry to develop a policy paper aimed at strengthening employment and skills development in the private sector.

The meeting was part of a national participatory effort to bridge the gap between higher education outcomes and labor market needs. Participants discussed a range of initiatives and practical programs spearheaded by the Chamber to create sustainable and high-quality job opportunities for Jordanian youth.

The gathering featured key representatives from both the public and private sectors, underscoring the importance of coordination and collaboration among all stakeholders.

The Faculty reaffirmed its commitment to continuously developing engineering education programs in line with labor market demands and to actively contributing to national policy-making processes that serve students and graduates alike.

Hijjawi Faculty Honors Eng. Nasser Al-Yousef for Over 25 Years of Dedicated Service



Under the patronage of Prof. Mwaffaq Otoom, Vice President of Yarmouk University, and in the presence of Prof. Mohammad Alxubaidi, Dean of the Hijjawi Faculty for Engineering Technology, along with his deputies and members of the faculty and administrative staff of the Department of Communications Engineering, a special ceremony was held to honor Eng. Nasser Al-Yousef in recognition of his remarkable contributions and on the occasion of his retirement.

Eng. Al-Yousef dedicated more than twenty-five years of committed service to Yarmouk University, marked by diligence, precision, discipline, and a strong sense of responsibility. Throughout his career, he played a pivotal role in developing and supervising several key laboratories in the Department of Communications Engineering, including the Optical Fiber Communications Lab, Digital Signal Processing Lab, Analog Communications Lab, and Communication Systems Lab. His contributions were essential in supporting the educational process and assisting students in their academic journey.

The ceremony reflected Hijjawi Faculty's deep appreciation for Eng. Al-Yousef's sincere efforts, outstanding service, and dedication to the university and its students. His legacy of professionalism, collaboration, and generosity will remain a lasting testimony to a career distinguished by excellence.



Accreditation Committee Visits Industrial Engineering Department for National Jordanian Accreditation



هيئة الاعتماد وضمان الجودة THE ACCREDITATION & QUALITY ASSURANCE COMMISSION

The Department of Industrial Engineering at the Hijjawi Faculty for Engineering Technology - Yarmouk University recently welcomed a specialized accreditation committee as part of the ongoing efforts to obtain national accreditation for its academic programs. This milestone reflects the department's commitment to ensuring the highest standards of education, teaching, and research.

During the visit, the committee conducted a comprehensive review of the department's facilities and resources. The program included field tours of classrooms, laboratories, and workshops, allowing the committee to assess the adequacy and readiness of the infrastructure to support modern teaching methods and applied research.

In addition, the committee carefully evaluated the curricula and study plans, examining whether they align with national accreditation requirements, international benchmarks, and labor market needs. The review also focused on the integration of theoretical knowledge with practical skills, which is essential for preparing graduates who are competitive in both local and regional job markets.

The accreditation team also held structured meetings with faculty members, where discussions revolved around teaching methodologies, research activities, community engagement, and professional development. Separate sessions with students and alumni provided valuable feedback regarding their academic experiences, career aspirations, and the extent to which the program has equipped them with industry-relevant skills.

This accreditation process is not only a quality assurance exercise but also an opportunity for the department to identify areas for improvement and growth. By striving for national accreditation, the Department of Industrial Engineering seeks to strengthen its academic reputation, enhance student learning outcomes, and reinforce the standing of the Hijjawi Faculty for Engineering Technology and Yarmouk University as leading institutions in engineering education at both the national and regional levels.

Department of Electronics Engineering Secures Representation at National Technology Parade



Three projects from the Department of Electronics Engineering qualified for presentation at the 12th National Technology Parade and for participation in the project competition organized within the Parade. The first project was titled "Smart Helmet for Military Purposes", a graduation project by students Lina Al-Quraan, Mohammad Gharaibeh, Omar Ahmad, and Lama Al-Khatib, supervised by Dr. Yusra Obeidat, Head of the Department. The second project was titled as "E-Skin", a graduation project by students Abdallah Naamneh, Heba Saeed, Waed Al-Jamal, and Lilian Al-Zu'bi, supervised by Prof. Zaid Al-Batainah, and the third project was a graduation project by students Nizar Al-Momani, Bilal Hazaimah, and Omar Bani Mustafa, supervised by Dr. Shadi Alboon.



Hijjawi Faculty Participates in the Second Scientific Forum for Health Faculties



On Tuesday, July 15, 2025, Yarmouk University organized the Second Scientific Forum for Health Faculties, under the coordination of the Joint Committee for Interprofessional Education, with the participation of the Faculties of Medicine, Pharmacy, Nursing, and the Department of Biomedical Systems and Informatics Engineering at the Hijjawi Faculty for Engineering Technology.

The forum featured a specialized scientific lectures delivered by distinguished faculty members, including: Prof. Awad Al-Zaben, Prof. Amjad Al-Fahoum, Dr. Atika Khudr, and Dr. Lina Al-Abeini. It also featured a student poster exhibition with contributions from students across the health faculties. Students from the Department of Biomedical Systems and Informatics Engineering also played an active role, both as presenters within multi-disciplinary teams and as organizers of the event.

One of the forum's highlights was the first-place award for Best Poster Presentation, won by a joint student team from the Faculties of Medicine, Pharmacy, Nursing, and Engineering. The team included Faris Meqbel, a student from the Department of Biomedical Systems and Informatics Engineering, who presented a scientific explanation on the role of medical devices in diagnosing angina pectoris, including the use of ECG, Ultrasound, MRI, and CT.

Students Activities

Hijawi Faculty Celebrates Graduation of the 46th Cohort

The Hijawi Faculty for Engineering Technology at Yarmouk University celebrated the graduation of the 46th cohort of its students.





Top Hijjawi Faculty Students of the 46th Cohort



أنس أمجد صالح الزعبي

الأول في تخصص
الهندسة المدنية / إدارة المنشآت
كلية الحجاوي للهندسة التكنولوجية

فوج ٤٦

ملتقى التخرج والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢



مأمون أحمد فؤاد مزهر

الأول في تخصص
هندسة القوى والذلات الكهربائية
كلية الحجاوي للهندسة التكنولوجية

فوج ٤٦

ملتقى التخرج والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢



عمرو كامل أحمد صالح

الأول في تخصص
هندسة الإلكترونيات
كلية الحجاوي للهندسة التكنولوجية

فوج ٤٦

ملتقى التخرج والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢



حليمة يوسف محمد عدوس

الأولى في تخصص
هندسة الحاسوب
كلية الحجاوي للهندسة التكنولوجية

فوج ٤٦

ملتقى التخرج والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢



عبد الرحمن سليمان الخيفات

الأول في تخصص
هندسة الاتصالات
كلية الحجاوي للهندسة التكنولوجية

فوج ٤٦

ملتقى التخرج والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢



حنين جمال حسين الخزعلي

الدولى في تخصص
هندسة النظم الطبية الحيوية
كلية الحماوي للهندسة التكنولوجية

فوج ٤٦

ملتقى الخريجين والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢

ABET Engineering Accreditation Commission



ساره فيصل سميح عبد القادر

الدولى في تخصص
هندسة المعلوماتية الطبية الحيوية
كلية الحماوي للهندسة التكنولوجية

فوج ٤٦

ملتقى الخريجين والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢

ABET Engineering Accreditation Commission



مؤمن زكريا عبد العزيز نجار

الدول في تخصص
الهندسة الصناعية
كلية الحماوي للهندسة التكنولوجية

فوج ٤٦

ملتقى الخريجين والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢

ABET Engineering Accreditation Commission



جلنار حامد محمد صباحين

الدولى في تخصص
الهندسة المدنية - تكنولوجيا البناء
كلية الحماوي للهندسة التكنولوجية

فوج ٤٦

ملتقى الخريجين والتوظيف السنوي الأول - ٢٠٢٥

ABET Engineering Accreditation Commission



اسيل كمال ابراهيم الناجي

الدولى في تخصص
هندسة العمارة
كلية الحماوي للهندسة التكنولوجية

فوج ٤٦

ملتقى الخريجين والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢

ABET Engineering Accreditation Commission



ايهم ايهاب محمد يعقوب

الدول في تخصص
الهندسة الميكانيكية/تكنولوجيا التصميم
كلية الحماوي للهندسة التكنولوجية

فوج ٤٦

ملتقى الخريجين والتوظيف السنوي الأول - ٢٠٢٥/٨/١٢

ABET Engineering Accreditation Commission

Hijjawi Faculty Students and Teams Recognized for Outstanding Achievements



During the First Annual Alumni and Career Forum, the Hijjawi Faculty for Engineering Technology honored its students and teams for their exceptional accomplishments in national and international competitions. The forum served as a platform to showcase academic excellence, creativity, and innovation, while celebrating the remarkable achievements of the faculty's students.

SDK Team - IEEEEDUINO 2024:

Mohammad Yousef Al-Karassneh, Yazeed Zaid Al-Subh, Raneem Osama Al-Badr
Achieved 2nd place worldwide in the IEEEEDUINO 2024 Competition.

Moon Team - NASA Space Apps Challenge 2024:

Rania Mutlaq Rabee, Siba Nidal Bilal
Achieved 3rd place in the NASA Space Apps Challenge 2024.

ACI Student Chapter - Wooden Bridge Competition:

Tala Al-momni, Ahmad Al-Rubai, Habeeb Jaradat, Amal Halalsheh, Farah Bani Mustafa
Supervised by Dr. Faris Matalkah
Achieved 1st place nationwide in the Wooden Bridge Competition.

ACI Student Chapter – ECO Concrete Competition 2025:

Ali Jumah, Tala Al-Momani, Ahed Ahmad, Qabas Al-Batoush, Ruba Afif, Farah Bani Mustafa

Supervised by Dr. Faris Matakah

Achieved 2nd place worldwide

Achieved 1st place in the Middle East in the 2025 ECO Concrete Competition.

ACI Student Chapter – Outstanding Student Chapter Award:

Supervised by Dr. Faris Matakah

Recognized with the Outstanding Student Chapter Award.

CEIBA Team – Ghazathon Hackathon:

Mufeed Kharbat, Hamza Al-Zoubi, Habeeb Jaradat, Abdullah Na'amneh

Supervised by Eng. Sami Al-Mashaqbeh

Achieved 3rd place in the Ghazathon Hackathon.

CEIBA Team – Permeable Concrete Competition:

Tayba Mahdawi, Roaa Al-Ghazawi, Sarah Al-Hasban, Majd Marwan Obeidat

Supervised by Eng. Sami Al-Mashaqbeh

Achieved 1st place nationwide in the Permeable Concrete Competition.

Student Achievement – Qabas Hamdan Hussein Al-Batoush:

Achieved 1st place in the National Anti-Drugs Scientific Research Competition

Steel Team – Wooden Bridge Competition:

Abdullah Shdeifat, Mais Bani Khalaf, Abdulrahman Amayreh, Nour Rabee, Qusai Al-Jarrah

Supervised by Dr. Mohammad Firas Al-Tamimi

Achieved 2nd place nationwide in the Wooden Bridge Competition organized by BAU.

YESG Team – Permeable Concrete Competition:

Ramah Al-Masri, Hamza Al-Zoubi, Moath Ababneh, Rashed Bataineh, Mohammad Obeid

Supervised by Dr. Muath Abu Qamar

Achieved 2nd place nationwide in the Permeable Concrete Competition.

Intelliplan Team – Quality Innovation Competition:

Ibrahim Rababah, Sarah Al-Badr, Riham Tawahha, Ghufan Shihab Al-Aksh, Sarah Al-Tineh

Supervised by Dr. Hisham Al-Masaeid

Achieved 2nd place in the Quality Innovation Competition.

Oncology Engineering Medicine Lab Team – Best Poster Award:

Hala Abudahis, Iman Al-Dheeb, Farah Qwaqneh

Supervised by Dr. Mo'taz Al-Duwairi

Achieved 1st place for Best Poster Award at the Scientific Research Day.

IEEE Yarmouk University Student Branch – Outstanding Student Branch (Large) Award:

Ali Al-Jawahreh, Afnan Ghusab Al-Saqr, Waness Al-Omari, Areej Hawari

Supervised by Prof. Zaid Bataineh

Recognized with the IEEE Jordan Section Outstanding Student Branch (Large) Award.

IEEE Women in Engineering Yarmouk Affinity Group – Outstanding Student Affinity Group Award:

Nagham Swalhah, Tala AbuRussa, Shahd Obeidat, Lin Halman, Dima Zareni, Tasneem Zoubi

Supervised by Dr. Yusra Obeidat

Achieved 1st place in the IEEE Jordan Section Outstanding Student Affinity Group Award.

GarX Team – Jordan Entrepreneurship Competition & WEFEX Nexus Hackathon:

Qusai Fuad Mashriqi, Farah Al-Zubaidi, Wissam Hussein Al-Amoura, Hussein Dirwan

Ranked among the Top 10 Startups in Jordan in the Jordan Entrepreneurship Competition

Achieved 1st place in the WEFEX Nexus Hackathon 2025.

MidiTrack Team – Biomedical Engineering Project Competition:

Qusai Fuad Mashriqi, Farah Al-Zubaidi, Wissam Hussein Al-Amoura, Hussein Dirwan

Achieved 3rd place in the Best Biomedical Engineering Project Competition – IEEE EMBS.

Re-Vive Team – WEFEX Nexus Hackathon 2024:

Anas Al-Omrati, Tala Al-Azzam

Achieved 2nd place in the WEFEX Nexus Hackathon 2024.

CanSense Team – Innovate IoT Hackathon Challenge:

Tala Al-Azzam, Farah Al-Zubaidi

Achieved 1st place in the Innovate-IoT Hackathon Challenge.

MidiDuino Team – IEEEEDUINO Students Hardware Contest:

Qusai Fuad Mashriqi, Farah Al-Zubaidi

Reached the Top 15 finalists in the IEEEEDUINO Students Hardware Contest.

Individual Achievement - Qusai Fuad Mashriqi:

Selected for the Qimam Fellowship 2025 (among 24 students out of 5,000 applicants).

Named IEEE Jordan Section Leader in the IEEEExtreme Competition 2025.

TEDxYarmoukUniversity 2025 Team - First TEDx in Northern Jordan:

Hassan Abu Sreis, Lana Talfah, Fares Moqbel, Reem Bawaneh, Lina Malkawi,

Hisham Khreis, Mohammad Ashour, Maymouna Al-Zaraq, Saleh Malkawi,

Mohammad Al-Karassneh, Mohammad Abdelhadi

Supervised by Prof. Mohammad Alzubaidi

Recognized for organizing the first-ever TEDx event in northern Jordan.





Hijjawi Students Participate in IEEE MENA SYP 2025 Conference



The Hijjawi Faculty for Engineering Technology at Yarmouk University participated in the IEEE Middle East and North Africa Students and Young Professionals (MENA SYP) Conference 2025, hosted by the Republic of Tunisia with the support of the Hijjawi Scientific Foundation.

Yarmouk University was represented by Dania Hindawi, Chair of the IEEE Power & Energy Society (PES) at the university, and Hassan Abu Sarris, Chair of IEEE AEISS-YUSB and IEEE Student Ambassador from the Department of Computer Engineering.

The conference featured advanced technical workshops, leadership sessions, and cultural and social activities. It also included a poster session, during which Hindawi and Abu Sarris presented innovative projects and scientific achievements, reflecting the distinction of the faculty's students in modern engineering fields.

Their contributions received special recognition from IEEE President Dr. Kathleen Kramer, who praised the quality of the work and the efforts of the IEEE PES and IEEE AEISS student communities at Yarmouk University.

At the closing ceremony, Hassan Abu Sarris was awarded the "Best Ambassador Award" for the Middle East and North Africa region, in recognition of his efforts in representing Jordan and fostering regional student collaboration.

Dean of the Hijjawi Faculty for Engineering Technology, Dr. Mohammad Alzubaidi, expressed pride in the students' achievements, noting that they honorably represented their faculty, university, and country at this international forum. He emphasized that this success reflects the continuous support provided by Yarmouk University and the Hijjawi Scientific Foundation, and embodies the university's vision of empowering young people to excel in engineering, science, and technology.

He added that sustaining such accomplishments requires ongoing efforts to provide students with opportunities and resources that enable them to compete and thrive in regional and international arenas.

This marks the first participation of the Hijjawi Faculty for Engineering Technology in the IEEE MENA SYP Conference, underscoring Yarmouk University's leadership in fostering student engagement in major scientific platforms and reaffirming its standing as a hub of engineering and innovation.



Hijjawi Students Participate in IEEE AESS SYP Congress 2025



The Hijjawi Faculty for Engineering Technology at Yarmouk University participated in the IEEE Aerospace and Electronic Systems Society (AESS) Students and Young Professionals (SYP) Congress 2025, hosted by Strathmore University in Nairobi, Kenya.

Yarmouk University was represented by Qusai Mashreqi, founder of the IEEE AESS Student Chapter at Yarmouk, and Hassan Abu Sarris, Chair of IEEE AESS at both the university and national levels.

Both Mashreqi and Abu Sarris received scholarships from IEEE AESS Global, enabling their participation in the congress in recognition of their achievements, excellence, and contributions at local and regional levels.

The congress brought together students, young professionals, and experts in aerospace, engineering, and aviation from around the world, aiming to exchange knowledge, learn from technical experts and industry leaders, and expand professional and academic horizons.

The program featured advanced technical workshops and panel discussions delivered by experts and engineers from NASA, European universities, the Kenya Civil Aviation Authority, and leading aerospace companies.

Dean of the Hijjawi Faculty for Engineering Technology, Dr. Mohammad Alzubaidi, praised the students' participation, describing it as a milestone that adds to Yarmouk University's distinguished record in research and student activities. He noted that such international involvement refines students' skills, opens new academic and professional opportunities, and demonstrates Yarmouk students' ability to compete and excel at the global level.

Hijjawi Students Achieve Top Ranks in Quran Memorization Competition



Students from Hijjawi Faculty for Engineering Technology achieved top ranks in the Quran Memorization Competition and "University Hafiz Competition" for the academic year 2024-2025. The competitions were organized by the Faculty of Sharia and Islamic Studies and the Deanship of Student Affairs.

The top achievements by Hijjawi Faculty students are as follows:

Level 1 (Full Quran memorization): Ahmad Hassan Mohammad Al-Daoud - 4th place

Level 2 (Memorization of 20 parts): Mohammad Barakat Abdelkader - 2nd place

Level 4 (Memorization of 10 parts): Moanes Abdullah Ali Al-Dhyabat - 1st place

Dean of the Faculty, Dr. Mohammad Alzubaidi, praised the students' outstanding achievements, emphasizing that their dedication to memorizing the Quran reflects both their personal commitment and the Faculty's encouragement of spiritual and academic excellence. He expressed pride in their accomplishments and called on all students to continue striving for both knowledge and moral values.

Lecture about Graduate Studies at The University of Texas at Arlington



The Department of Civil Engineering held an introductory lecture on July 27, 2025, about graduate schools in the United States. The lecture was coordinated by Dr. Ammar Alshannaq and was delivered by Dr. Abeer Almughrabi and Dr. Zaid Alfayez. The lecture included valuable guidance regarding pursuing graduate studies at this university. The lecturers expressed their full support for students interested in graduate studies at the aforementioned university and made every effort to educate students in detail about the opportunities that await them in the near future, including pursuing further studies, exploring other cultures, and targeting global job markets.



IEEE RAS YU Honors Students, Volunteers, and Faculty Supporters



Under the patronage of Prof. Mohammad Alzubaidi, Dean of the Hijjawi Faculty for Engineering Technology, the IEEE Robotics and Automation Society - Yarmouk University Student Branch (IEEE RAS YU) organized a recognition ceremony to honor its executive board members, student volunteers, and several faculty members who have continuously supported the society's activities.

In his address, Dr. Shadi Al-Lboon, the society's academic advisor, welcomed the students and distinguished guests, emphasizing the achievements of the semester. He highlighted that the branch had provided students with a vibrant platform for learning, experimentation, and discovery in the fields of robotics and automation. Dr. Al-Lboon noted that members had engaged in hands-on projects, real-world applications, and community outreach, linking academic knowledge with societal needs. "You have proven that you can be leaders in a rapidly changing world—one driven by robotics and automated systems—and that you possess the energy and passion to build a smarter and more efficient future," he remarked.

Prof. Alzubaidi praised the branch's efforts, stressing the role of students not only in academic excellence but also in volunteerism and innovation. "Our students have once again shown that creativity and dedication know no bounds. Today's recognition of students and colleagues reflects our belief in the mission of the Robotics and Automation Society in serving science and technology and equipping our youth with the tools of the future," he stated.

The ceremony concluded with the distribution of honorary shields to faculty members who supported the branch and certificates of appreciation to the student members and volunteers.

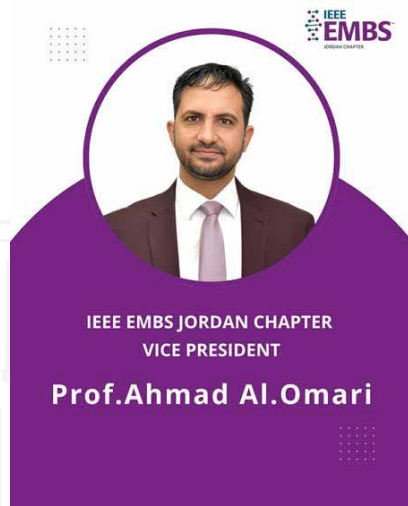
NETC Competition Team Recognized at International Youth Day in Irbid



The NETC Competition Team participated in the International Youth Day event organized by Irbid Greater Municipality, where the team presented its journey during the Initiatives Exhibition. The team was honored in recognition of its efforts to promote a culture of volunteerism and entrepreneurship, and for establishing a youth-led competition dedicated to finding innovative solutions to nutrition-related challenges across Jordan. The initiative was held under the patronage of Yarmouk University and in collaboration with several local institutions.



Biomedical Systems and Informatics Engineering Department Secures Leading Roles in EMBS Jordan Chapter



The Department of Biomedical Systems and Informatics Engineering at the Hijjawi Faculty for Engineering Technology achieved the highest number of leadership positions in the IEEE Engineering in Medicine and Biology Society (EMBS) Jordan Chapter among Jordanian universities. The newly appointed representatives include:

- Prof. Ahmad Al-Omari - Vice Chair
- Eng. Nora Nusairat (Master's Student) - Secretary
- Eng. Aya Shtayat (Graduate) - Media Manager
- Faris Moqbel (Undergraduate Student) - Student Representative

This achievement highlights the department's strong presence in the national biomedical engineering community and its commitment to empowering both students and graduates to take on leadership roles in advancing the field.

IEEE Computer Society Student Branch Organizes “Think Tech” Event at Hijjawi Faculty



The IEEE Computer Society Student Branch at the Hijjawi Faculty for Engineering Technology organized a student event titled “Think Tech”, attended by Prof. Mohammad Al-Zubaidi, Dean of the Faculty, and supervised by Dr. Manal Al-Bzour.

In his opening remarks, Prof. Al-Zubaidi emphasized the importance of linking academic education with real-world applications, reaffirming the Faculty’s continuous support for student activities that strengthen connections with industry and the labor market. He also highlighted the Faculty’s commitment to updating its academic programs in line with technological advancements, noting the recent introduction of the Internet of Things Engineering program to meet local and regional market demands.

Delivering a student address, Ahmad Al-Omari, President of the IEEE Computer Society Branch, spoke about the Branch’s role in supporting students academically and practically, showcasing activities designed to enhance technical and entrepreneurial skills, particularly in computing and engineering technologies.

Meanwhile, Eng. Mohammad Tbishat, Vice President of the Youth and Sports Committee at the Jordan Engineers Association / Irbid Branch, outlined the Association’s efforts in supporting recent graduates through training programs and workshops aimed at strengthening professional readiness and increasing employability.

The event also featured notable contributions, including a presentation by Blackbox, a startup specializing in the Internet of Things, which shared its journey from a student project to becoming a leading company in the field, expanding its services across Jordan and the UAE with a growing client base.



Hijjawi Student Featured on Jordan Television to Discuss TEDx 2025

Hassan Abu Sreis, a student from the Hijjawi Faculty for Engineering Technology, was hosted on Jordan Television's "Youm Jadded" program to speak about the upcoming TEDxYarmoukUniversity 2025Conference.

During the interview, he highlighted the goals of the event, its significance as a platform for inspiring ideas and innovative experiences, and the efforts of the student-led organizing team in bringing TEDx to Yarmouk University.



Hijjawi Students Selected for Prestigious Qimam Leadership Program



In a new achievement that adds to the record of excellence at the Hijjawi Faculty for Engineering Technology - Yarmouk University, Qusai Fuad Mashraqi, a student from the Department of Computer Engineering, was selected among only 24 finalists out of 5,000 applicants to join the prestigious Qimam Leadership Program. This marks the first time the program is being held in Jordan, following successful editions in Saudi Arabia and Pakistan. With an acceptance rate of just 0.5%, this accomplishment highlights the program's highly competitive nature and rigorous selection standards aimed at identifying the most outstanding young leaders.

In addition, Nagham Khaled Al-Subh, a student from the Department of Communications Engineering, advanced to the final interview stage among only 81 participants nationwide, representing less than 2% of total applicants across Jordan.

The participation of Hijjawi students in such prestigious international programs, organized in partnership with globally renowned companies, reflects their exceptional technical and personal skills, as well as the Faculty's success in preparing graduates capable of leading, innovating, and representing their university and community at the highest levels.

The Faculty takes pride in these ambitious role models and reaffirms its commitment to supporting initiatives.

IEEE Aerospace YU Chapter Organizes Technical Forum 2025



The IEEE Aerospace YU Chapter, one of the prominent student groups at the Hijjawi Faculty for Engineering Technology, organized the Technical Forum 2025 on July 22, 2025, at Yarmouk University. The event was held in Wisam Boushnak Hall at the Hijjawi Faculty and brought together students and enthusiasts in the fields of aviation, technology, and engineering.

The forum hosted Eng. Mohammad Abu Amsha, who delivered an enriching session on "Space Journey and Scientific Research," and Dr. Dalal Zrekat, who shared her inspiring story of early passion for space.

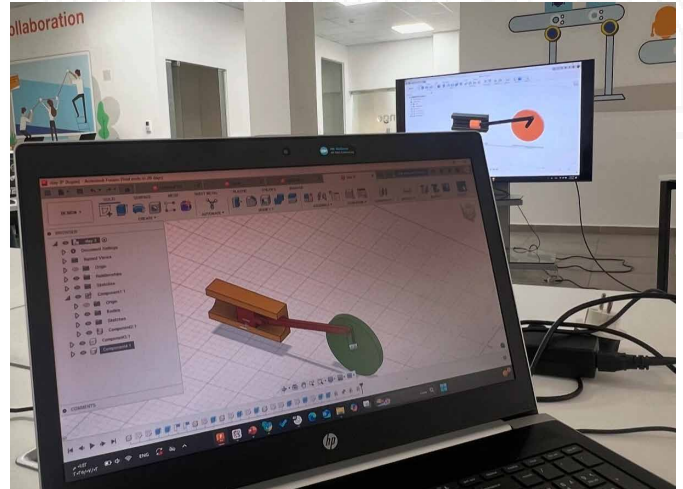
The aim of the forum was to shed light on technological developments in the aerospace sector and to raise students' awareness of pressing contemporary issues in this field, through engaging and interactive scientific content.

The event received highly positive feedback from attendees, who praised both the level of organization and the knowledge presented, emphasizing the importance of sustaining such activities that link academia with practice and open new horizons for students to explore future opportunities in aerospace and engineering.

The forum stands out as one of the most significant initiatives organized by the IEEE Aerospace YU Chapter, underscoring its commitment to supporting academic excellence and enhancing technological awareness within the Hijjawi Faculty and Yarmouk University at large.



IEEE AESS YU and Orange Digital Fabrication Lab Organize 3D Design and Printing Workshop

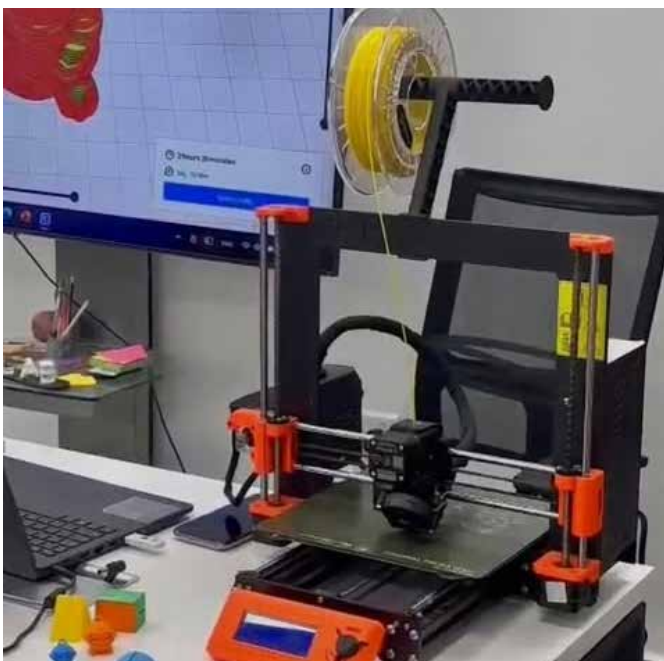


As part of its efforts to enhance the technical skills of its members, the IEEE Aerospace and Electronic Systems Society (AESS) YU Chapter organized a specialized training workshop on Monday, July 8, 2025, at the Orange Digital Fabrication Lab - Irbid.

The workshop introduced participants to the fundamentals of 3D design using CAD software, in addition to understanding the mechanisms of 3D printing technologies and the process of transforming digital models into tangible prototypes.

Through hands-on training, participants were able to design and print their first 3D models, an experience that enriched their creativity and engineering capabilities.

This workshop was the result of collaboration between the IEEE AESS YU Chapter and the Orange Digital Fabrication Lab, reflecting a shared vision to bridge theoretical knowledge with practical application. More such initiatives are planned to continue fostering innovation and technical excellence among students.



Workshop on "Basic Concepts in Electronics" for Biomedical Students



The Department of Biomedical Systems and Informatics Engineering at Yarmouk University organized a workshop titled "Basic Concepts in Electronics" on Thursday, July 3, 2025, delivered by Prof. Awad Al-Zaben, a distinguished faculty member in the department.

The workshop, held from 10:00 a.m. to 3:00 p.m., covered the fundamentals and principles of electronics in a simplified theoretical manner, enriched with constructive scientific discussions between Prof. Al-Zaben and the participants.

The event witnessed active participation from the department's students, who showed great interest by raising numerous questions and inquiries related to the concepts presented. This created an interactive environment that significantly enhanced the learning experience.

This workshop comes as part of the department's ongoing scientific activities aimed at strengthening students' academic knowledge and preparing them to better understand engineering applications within the field of biomedical engineering.

Career Preparation Workshop for Career Development 1 Students



Hijjawi Faculty for Engineering Technology organized a Career Preparation Workshop on August 3, 2025, as part of the Career Development 1 course. The workshop aimed at equipping students with insights into labor market needs and essential employability skills.

The session was delivered by Eng. Abdulrazzaq Mohammad Nuseirat, who holds a Bachelor's degree in Electrical Power and Machines Engineering from Yarmouk University. He currently serves as the Director of International Standards Systems and the Head of Public Safety, Environment, and Quality Department at Ezzat Marji Group - MMS Contracting.

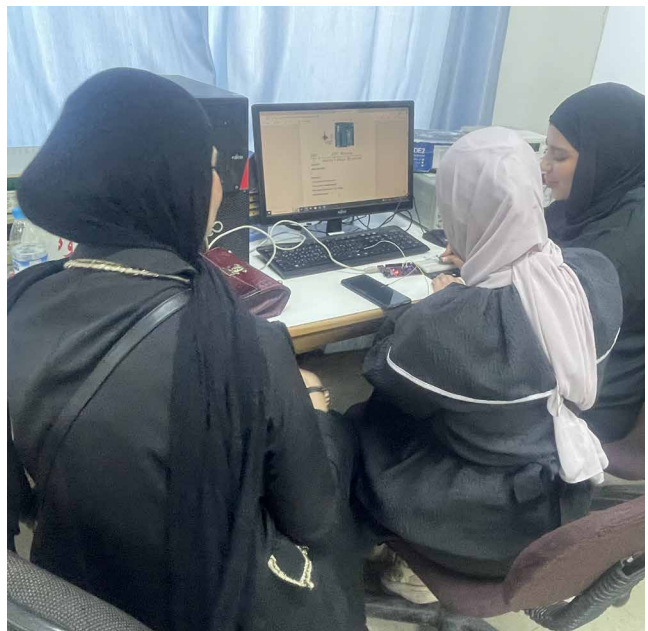
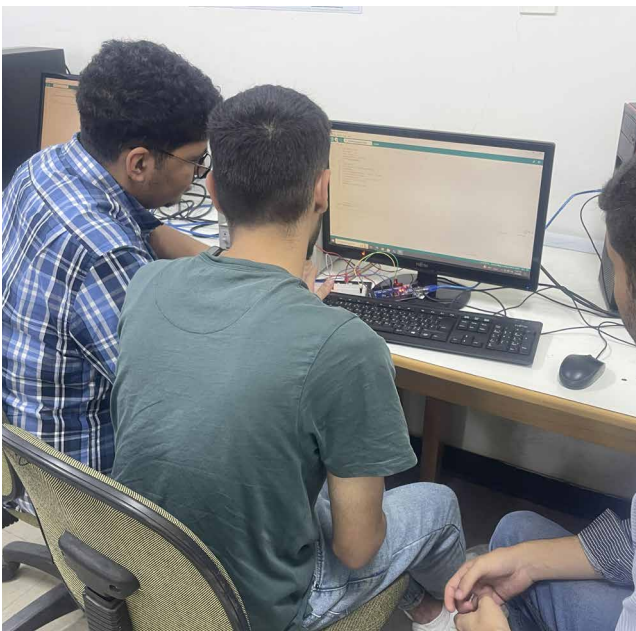
The workshop focused on understanding labor market requirements, the importance of professional readiness, and aligning students' technical and personal skills with employer expectations. Students also had the opportunity to engage in interactive discussions, gaining valuable guidance on how to better prepare for future career opportunities.



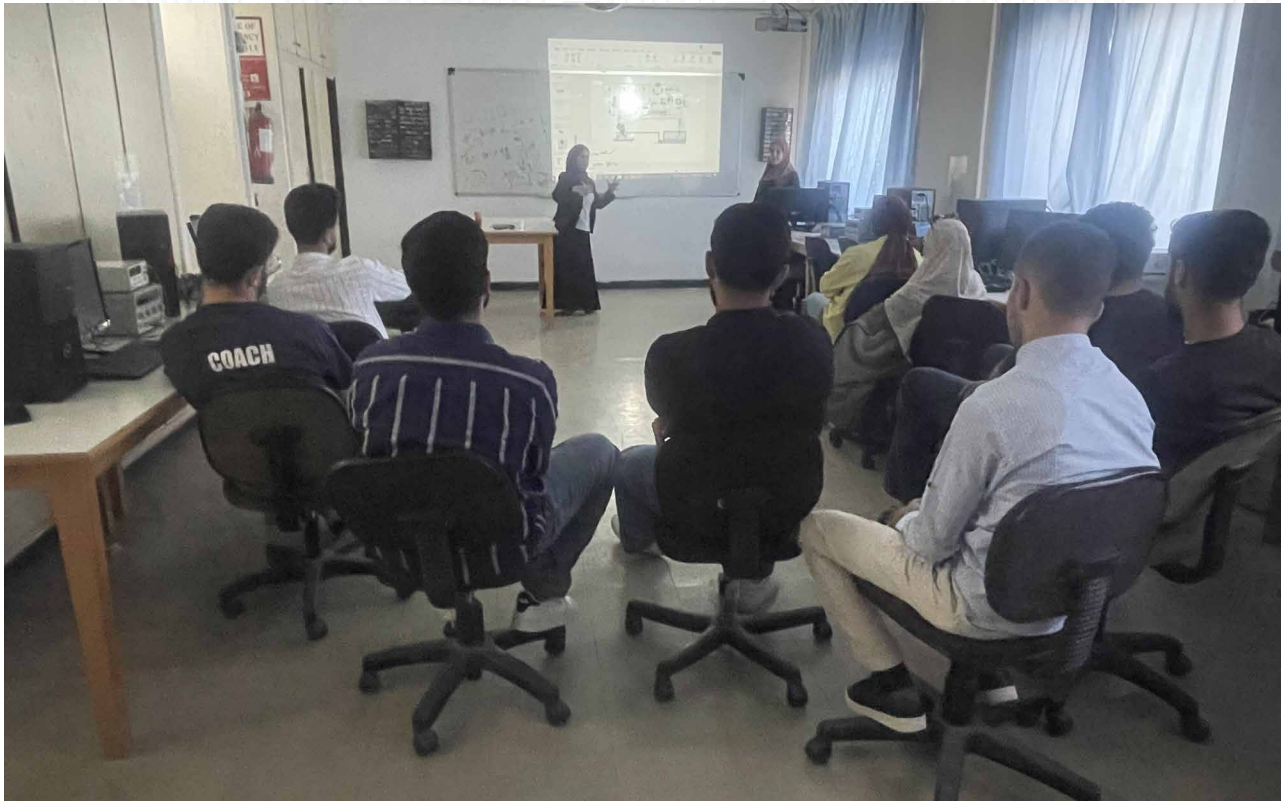
Electronics Engineering Department Hosts "Arduino Applications" Workshop for Students



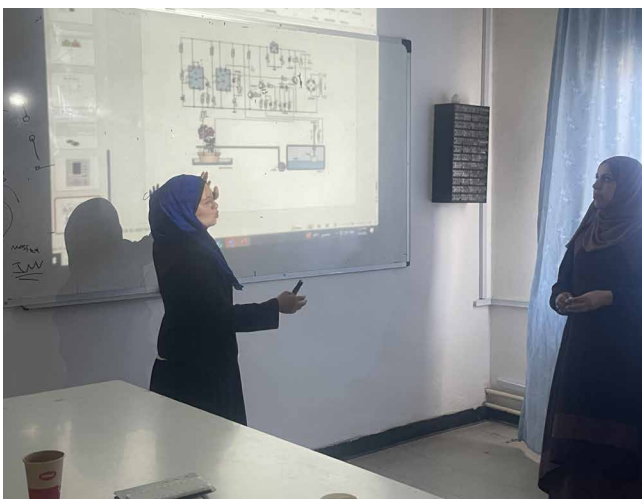
The Department of Electronics Engineering organized a hands-on workshop titled "Arduino Applications" for the department's students as part of the Innovation Team. The workshop was delivered by Eng. Oroba Al-Momani and Eng. Ali Al-Hajji, and included training on the fundamentals of Arduino and their practical application through several projects. During the workshop, students learned how to connect theoretical concepts with practical implementation and witnessed real-world control of various applications.



Electronics Engineering Department Hosts “Fundamentals of Electronics Engineering” Workshop for Students



The Department of Electronics Engineering organized a workshop titled “Fundamentals of Electronics Engineering” for the department’s students as part of the Innovation Team. The workshop was delivered by Eng. Jumana Al-Momani and Eng. Hiba Al-Mistareehi, who presented an interactive presentation explaining the fundamentals of electronics engineering and the various applications of the field by linking the discipline to diverse practical examples. During the workshop, students carried out small projects to solve problems in different systems commonly used in daily life.



Electronics Engineering Department Hosts Career Preparation Workshop for Students

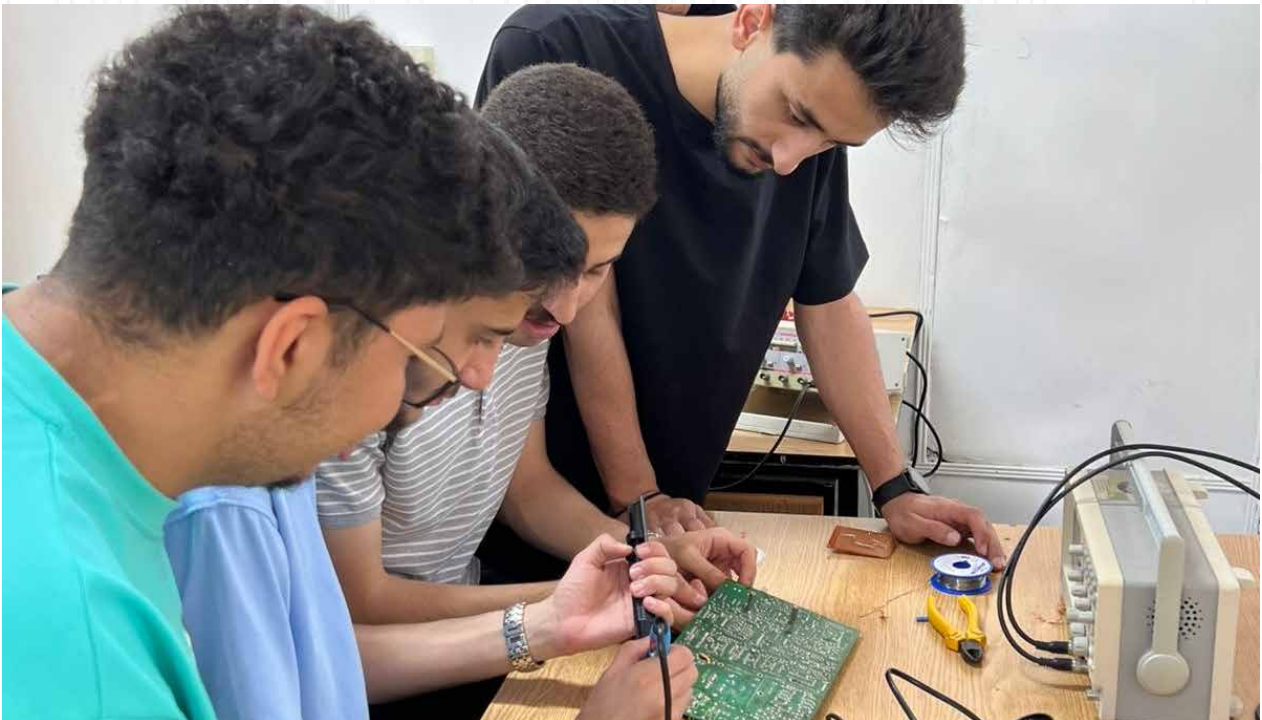


The Electronics Engineering Department held a Career Preparation Workshop for students taking the course Career Development 1. The session was led by Prof. Ahmad Al-Omari, who covered key skills necessary for Electronics Engineering students to succeed in the job market. These included how to create a strong resume, build a professional LinkedIn profile, enhance communication abilities, and develop effective job application and interview techniques, all designed to prepare them for life after graduation.



Electronics Engineering Department Hosts “Principles of Soldering” Workshop for Students

The Department of Electronics Engineering organized a workshop titled “Principles of Soldering” for the department’s students as part of the Innovation Team. The workshop was delivered by Eng. Ayman Hilat and included practical training on soldering fundamentals. Through the workshop, students learned essential soldering and desoldering skills to ensure that electronic boards are clean, precise, and with minimal errors.



Hijjawi Faculty Students Visit Dar Al-Bar Elderly Care Center



A delegation from the Hijjawi Faculty for Engineering Technology, comprising Dr. Doaa Talfah, Dr. Hamsa Al-Nimer, Dr. Mohammad Tamimi, Dr. Randa Hatamleh, Dr. Sohaib Al-Faris, and Eng. Elham Hamaydeh, accompanied by a group of students, paid a visit to Dar Al-Bar Elderly Care Center.

The visit reflected the faculty's commitment to humanitarian values and social solidarity, aiming to support and engage with different segments of the community. The program included recreational activities and interactive initiatives that brought joy to the residents, reinforcing the positive social impact of the visit and embodying the spirit of giving.

Hijjawi Faculty Delegation and CEIBA Team Visit Dahia Prince Rashid Secondary School



At the start of the new academic year, a delegation from the Hijjawi Faculty for Engineering Technology - Yarmouk University, accompanied by the CEIBA student team, visited Dahia Prince Rashid Secondary School. The visit included Dr. Doaa Telfah, Dr. Hamsa Nimer, Eng. Ilham Hamaydeh, along with a group of Civil Engineering students.

The event was filled with joy, giveaways, and interactive activities with the school students, creating an atmosphere of positivity and engagement. The visit aimed to strengthen collaboration between higher education and schools, while inspiring young students, sharing knowledge, and leaving a meaningful impact within the local community.

The visit was coordinated with School Principal Rihaneh Al-Omari and teacher Enas Telfah, under the supervision of the school's subject teachers, whose efforts played an essential role in the success of the activity and in reinforcing bridges of cooperation between higher education institutions and schools.



"Your Path to Employment" Competition Concludes at Hijjawi Faculty

As part of the First Alumni and Career Forum organized by the Hijjawi Faculty for Engineering Technology at Yarmouk University in August 2025, the Faculty, in collaboration with the Engineering Consulting Group under the supervision of Eng. Ihsan Zaitoun, concluded the "Your Path to Employment" competition. The initiative extended over three months and aimed to support students, refine their skills, and prepare them to meet the demands of the local and regional labor markets.

The competition was academically supervised by a committee of faculty members including Dr. Ali Shehadeh, Dr. Musab Abu Al-Adous, Dr. Dania Bani Hani, and Dr. Mohammad Al-Tamimi. It brought together a large number of students from across the Faculty, who were divided into research teams. These teams engaged in several stages of work, ranging from data collection and analysis, to conducting field studies, and finally presenting innovative proposals that reflect real market needs and provide creative solutions.

During the closing ceremony at the forum, the Faculty honored the organizers and participants, distributing trophies, certificates of appreciation, and financial awards to the top winners:

- First Place: 500 JOD:
NextGen Team: Sara Badr, Qusai Mashriqi, Ekrema Jamra, Fawaz Tarboush
- Second Place: 300 JOD:
ASEE-YU Team: Abdullah Qudah, Hamza Zoubi, Roaa Ghzawi
- Third Place: 250 JOD:
Engineer's Edge Team: Shahd Anabtawi, Rahf Share, Esra Mefleh, Nibal Asad

The competition showcased the creativity and analytical abilities of the students, while reinforcing the Faculty's mission of connecting academic outputs with labor market requirements, and equipping graduates with the practical and professional competencies necessary to secure quality opportunities in their future careers.





Faculty Members News

Bani Hani and Obeidat Participate in Crown Prince's Youth Meeting in Irbid



Hijjawi Faculty for Engineering Technology was honored to take part in the meeting of His Royal Highness Crown Prince Al Hussein bin Abdullah II with the youth of Irbid Governorate, through the participation of Dr. Dania Bani Hani, Vice Dean of the Faculty, and Dr. Yusra Obeidat, Head of the Department of Electronics Engineering.

The meeting was filled with inspiration and support for Jordanian youth, as His Royal Highness announced the reactivation of the National Service Program, emphasizing its vital role in strengthening national identity and fostering values of belonging and giving. It also served as an important platform to address key youth-related issues in the fields of education, vocational and technical training, information technology, artificial intelligence, as well as supporting innovation and entrepreneurship.

Hijjawi Faculty takes pride in participating in such national gatherings, which reflect the Hashemite leadership's dedication to empowering youth and directing their energy toward constructive paths that contribute to the service and development of our nation.



Bany Salameh and Shehadeh Among YU's Top Researchers



The Hijjawi Faculty for Engineering Technology at Yarmouk University proudly congratulates Prof. Haythem Bany Salameh from the Department of Communication Engineering and Dr. Ali Shehadeh from the Department of Civil Engineering for being recognized among the top three researchers in the university's engineering and scientific faculties for 2025.

Prof. Bany Salameh secured first place, while Dr. Shehadeh earned third place, reflecting their exceptional research contributions and pioneering efforts in advancing scientific knowledge.

This remarkable accomplishment highlights the faculty's commitment to academic and research excellence and showcases the innovative and distinguished work of its teaching staff.

The Hijjawi Faculty extends its heartfelt congratulations to Prof. Bany Salameh and Dr. Shehadeh, wishing them continued success in their scholarly and professional endeavors.



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.

Dr. Bani Hani Participates in TEDx Yarmouk University Conference

Dr. Dania Bani Hani recently took part in the TEDx Yarmouk University conference, an inspiring event that brought together pioneers and change-makers to share their stories and experiences. Organized by the students of the Hijjawi Faculty of Engineering Technology, the conference served as a dynamic platform for innovation, creativity, and meaningful dialogue.



Dr. Bani Hani featured on Yarmouk FM radio speaking about the career development unit

Dr. Dania Bani Hani was featured on Yarmouk FM radio speaking about the career development unit. The meeting highlighted the role of the career development unit and its impact to elevate the students' skills in a highly paced technological changing environment. The workshops delivered at the unit along with its role to seek field training opportunities and jobs was discussed. The meeting also considered how the unit seeks Alumni engagement and the overseeing of the career development courses to better match the market place required skills.



Dr. Bani Hani participates in Judging "Your Path to Work" Competition

Dr. Bani Hani joined the judging panel of the Your Path to Work competition, held in collaboration with the Engineering Group for Consulting Assistance. The event gave students a chance to present their ideas, demonstrate their skills, and receive guidance from both academics and industry professionals. The competition also provided the students with the knowledge to analyze the market place required skills and provide their insights and input to provide recommendations based on the local and international career required skills.



Dr. Bani Hani delivered a Workshop on Career development courses for Hijjawi Students

The Hijjawi Faculty of Engineering Technology organized a workshop for career development students to introduce them to the Career Development Unit and outline the requirements of the career development courses. The session aimed to help students better understand the unit's role and how to make the most of the opportunities it offers with respect to the delivered workshops in both soft and hard skills, filed training opportunities, jobs, alumni connections, job readiness sessions, cv writing assistance, job tips and much more. The workshop also covered the requirements of the career development courses and their assessment and highlighted the importance of both students and faculty feedback to better improve the courses.



Dr. Bani Hani Participates in the Launch of the Career Accelerator Program

Dr. Bani Hani took part in the official opening ceremony of the Career Accelerator Program, held in the presence of the Minister of Digital Economy and Entrepreneurship and the Minister of Higher Education and Scientific Research.

The event marked the signing of an executive partnership with INJAZ to create economic opportunities for youth, alongside the Information and Communications Technology Association of Jordan (int@j), which will support the implementation of the program and its technical training sessions to equip students and graduates with the skills, knowledge, and networks needed in today's competitive job market.



Dr. Mohammad Firas Tamimi Participated in the First Conference on Sustainable Development in the Arab World



Dr. Mohammad Firas Al-Tamimi from the Department of Civil Engineering at the Hijawi Faculty for Engineering Technology - Yarmouk University delivered a distinguished research presentation at the First Conference on Sustainable Development in the Arab World, hosted by Yarmouk University from July 22-24, 2025.

His research addressed the impact of climate change on civil infrastructure and explored how climate forecasting can be applied to support engineering design and planning decisions.

Dr. Tamimi emphasized the importance of such conferences in positioning Yarmouk University at the forefront of scientific and professional dialogue on national and regional issues, noting that the content and organization of the conference parallel the highest international standards and reflect the University's commitment to advancing sustainable development in Jordan and the Arab world.



Dr. Yusra Obeidat Serves as Judge at the 12th National Technology Parade

Dr. Yusra Obeidat, Head of the Department of Electronics Engineering, participated as a judge in both the preliminary and final stages of the project competition organized within the activities of the 12th National Technology Parade, evaluating projects falling under the Industrial Technology track.



Dr. Yusra Obeidat Participates in 14th Executive Committee Meeting of IEEE Jordan Section

As part of her volunteer work in community service, Dr. Yusra Obeidat participated in the 14th meeting of the Executive Committee of the IEEE Jordan Section to discuss main issues and updates related to the section and its societies and affinity groups.



Dr. Yusra Obeidat Featured as First Guest on "Qudwat Jeel" Program

Dr. Yusra Obeidat participated in the "Qudwat Jeel" (Role Model of a Generation) program as its first guest, where she shared her inspiring success story, unique experiences and achievements, and advice for students and future generations to achieve success in their careers. The episode was hosted by Dr. Thaer Ashour and directed by student Ali Al-Suwaghna.



Dr. Yusra Obeidat Highlights Women's Role in Engineering at 20th International Exhibition for Electromechanical Machinery

Dr. Yusra Obeidat participated in the 20th International Exhibition for Electromechanical Machinery as a panelist in a panel discussion on the role of women in engineering in technological and engineering advancement. She also spoke about the Women in Engineering (WIE) Affinity Group, its various activities, and her role in leading it as Chair since 2023, highlighting the remarkable progress it has achieved at the Region 8 and global levels.



Dr. Yusra Obeidat Presents Research-Industry Linkage Proposal During Meeting with HRH the Crown Prince

During His Royal Highness the Crown Prince's meeting with a group of outstanding young women and men from Irbid Governorate, Dr. Yusra Obeidat presented a number of proposals, one of which was to link scientific research with industrial institutions and centers, and to facilitate the process of transforming research into Jordanian-made products that can be marketed and used by the public.

On the same day, the Office of His Royal Highness the Crown Prince coordinated with the Jordan Design and Development Bureau (JODDB), and a recommendation was made to explore potential avenues of support and possible areas of collaboration.

Following that, Dr. Yusra Obeidat visited the Jordan Design and Development Bureau, where she met with experts, engineers, and officials at the center. She also participated in an orientation tour of the various laboratories, which are equipped to provide support and assistance in the development of research and projects.



Dr. Yusra Obeidat Participates in Jordan Students and Young Professionals Congress 2025 on Internet of Things

Dr. Yusra Obeidat took part in the Jordan Students and Young Professionals Congress 2025 (JSYP), organized by the IEEE-JUST branch under the theme Internet of Things. The congress featured multiple IoT-focused sessions, including panel discussions, workshops, and talks by distinguished speakers, with participation from students and professionals representing universities across Jordan.

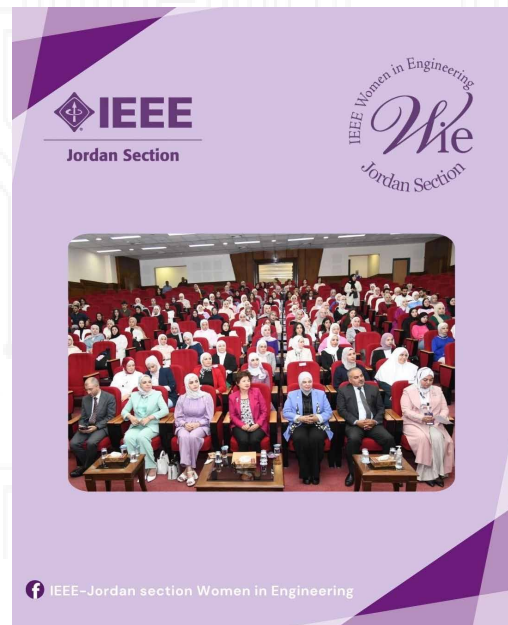
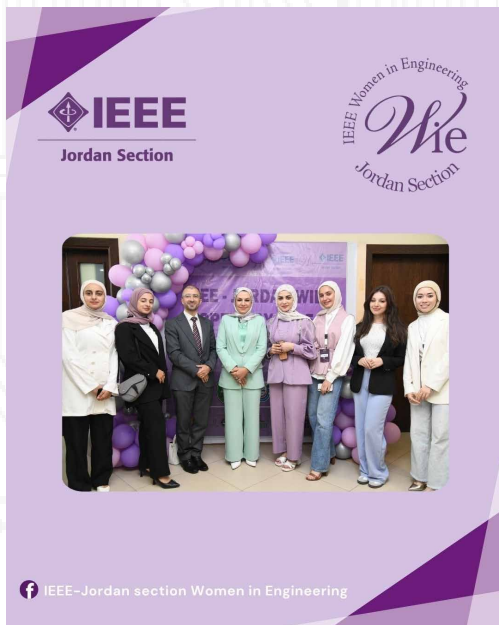


Dr. Yusra Obeidat Appointed Chair of the Scientific Committee at Jordan Engineers Association

As part of her volunteer work in community service, Dr. Yusra Obeidat was nominated and selected as the chair of the Scientific Committee at the Jordan Engineers Association, and she held the committee's first meeting to develop a work plan for the upcoming period.



Dr. Yusra Obeidat Leads "IEEE-Jordan WIE Open Day 2025" Celebrating Women's Role in Engineering



As a chair of IEEE-Jordan WIE, Dr. Yusra Obeidat organized the "IEEE - Jordan WIE Open Day 2025" under the patronage of HE. Prof. Rowaida Al-Maaitah former Minister of Higher Education and Scientific Research, and the first woman in Jordan to hold high-ranking ministerial and academic positions. The event witnessed broad participation from female students and representatives of WIE communities across various Jordanian universities.

Dr. Yusra Obeidat highlighted the pioneering role of women in all fields and praised the continuous Hashemite support for women's empowerment, particularly in education and engineering. She reaffirmed that Jordanian women have always been a model of giving and achievement.

She also presented a comprehensive overview of her personal accomplishments, as well as achievements at the national level and at Yarmouk University. She shed light on Yarmouk's leading role in empowering women and embracing their potential. Dr. Obeidat also praised the efforts of all Jordanian universities, through their WIE communities, for organizing such a distinguished event that blended empowerment, knowledge, and collaboration.

She concluded her talk by announcing the upcoming International Women's Leadership Summit, to be held in Jordan in December of this year, and encouraged everyone to participate.

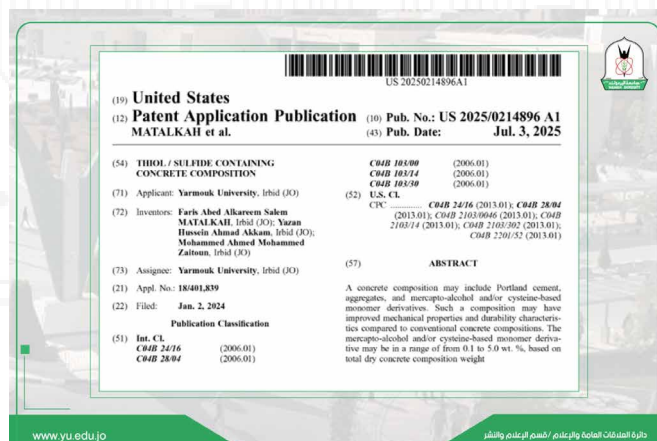
The event featured diverse and rich segments, including Panel discussions, keynote speeches, workshops, coffee talk, STAR program, Mentorship Program, Company booths from Golden Electronics and MARS Robotics, representing the tech and engineering industries and booths from WIE AGs from Jordanian universities.

WIE students members from Hijjawi Faculty for Engineering Technology delivered a STEM outreach segment by as part of the STAR Program encouraging schoolgirls to pursue engineering. They delivered an interactive presentation to students from Khadeeja Bint Khuwaylid Quran Center and Al-Karmel Orphan Center, showcasing engineering disciplines and simple experiments using Tinkercad.

The event was attended by numerous academic and administrative staff, university vice presidents, engineering deans from across Jordan, as well as a diverse audience of students, companies, and institutions.



Dr. Matakah Files Patent for Modified Concrete Composition with Thiol/Sulfide Compounds



A research team from Yarmouk University has achieved a significant milestone by filing a new patent application with the United States Patent and Trademark Office (USPTO), titled: "Concrete Composition Containing Thiol/Sulfide Compounds."

The team includes Dr. Faris Matakah from the Department of Civil Engineering at the Hijjawi Faculty for Engineering Technology, and Prof. Mohammad Zaitoun and Dr. Yazan Al-Akkam from the Department of Medicinal Chemistry and Pharmacognosy at the Faculty of Pharmacy.

The patent, filed through the University's Technology Transfer Office at the Deanship of Research and Graduate Studies, focuses on developing a modified concrete mixture incorporating thiol-alcohol derivatives and cysteine-based compounds. The aim is to improve the mechanical resistance of concrete by up to 50% compared to conventional concrete, while enhancing durability in harsh environments. This is achieved through mechanisms that accelerate cement hydration, reduce the required water content, and improve density and structural properties—ultimately lowering cement usage without compromising performance.

According to the study, adding small amounts of these organic compounds to the mix enhances cement reactivity, provides an effective alkaline medium that strengthens bonding, and reduces water loss. Test results showed that the use of cysteine derivatives and thiol alcohols improved concrete performance and significantly increased compressive strength after 7-28 days of curing.

The research team emphasized that this achievement reflects the true integration of engineering and pharmaceutical sciences, serving as a model of interdisciplinary applied research that Yarmouk University seeks to promote. The innovative use of amino acid derivatives in construction materials opens new avenues for sustainable applications in the building industry.

They also highlighted that this collaborative work represents a successful example of combining expertise in molecular design and cementitious environments to produce a unique formulation with promising applications in sustainable construction.

4 Researchers from the Hijjawi Faculty Ranked among the World's Top 2% Scientists



Four researchers from the Hijjawi Faculty for Engineering Technology at Yarmouk University have been recognized among the world's most influential scientists in the Stanford University global database, published in collaboration with Elsevier, for the year 2025.

The recognition, which highlights scientists in the top 2% worldwide, is based on two key criteria: career-long research impact and scientific performance over the past year.

From the Hijjawi Faculty for Engineering Technology, the following researchers were included:

Career-long Impact list:

Prof. Muwaffaq Alomoush

Top 2% Worldwide list for 2025 (last year's performance):

Dr. Hazim Shakhatreh

Prof. Amjed Al-Fahoum

Prof. Hashem Al-Mattarneh

This achievement reflects the faculty's distinguished research contributions and its role in strengthening Yarmouk University's position in the global scientific community. It also demonstrates the university's commitment to supporting impactful research that advances knowledge in engineering and technology, while aligning with its vision of promoting sustainable development and innovation.

Promoted Faculty Members Since July 2025

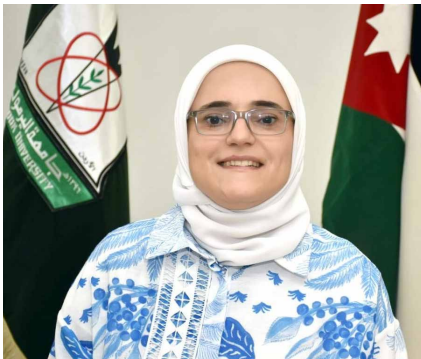
The Hijjawi Faculty for Engineering Technology congratulates the promoted faculty members since July 2025!

To Assistant Professor



Dr. Heba Al Jabaly
Civil Engineering

To Associate Professor



Dr. Asma Alqudah
Communication Engineering



Dr. Shefa Tawalbeh
Biomedical Informatics Engineering

To Full Professor



Prof. Madhar Ta'amneh
Civil Engineering



Prof. Mohammad Ahmed Al-Zu'bi
Mechanical Engineering

Success Stories

Hijjawi Faculty Achieves Top Ranks in the Fourth National SUMO Robotics Contest 2025



The Hijjawi Faculty for Engineering Technology at Yarmouk University achieved a new national milestone in the Fourth National SUMO Robotics Contest 2025, hosted by Al-Hussein Technical University with the participation of more than 230 teams representing various Jordanian universities.

The faculty participated with five teams, two of which secured podium finishes, winning first place at the national level in two main categories:

Best Design Award (500 JOD): won by student Majdi Al-Manaseer (Electronics Engineering).

Best Program Award (500 JOD): won by the Robotics Team of Hijjawi Faculty, consisting of:

Mohammad Mahmoud Al-Zoumot (Electronics Engineering)

Raneem Mahmoud Yaseen (Electronics Engineering)

Ibrahim Nabeel Al-Majali (Computer Engineering)

Majd Ahmad Mohammad Bdour (Data Science and Artificial Intelligence)

Sarah Osama Al-Badr (Computer Engineering / Internet of Things)

Heba Saeed Barghouth (Electronics Engineering)

Namareq Mohammad Al-Basharat (Biomedical Systems Engineering)

Maysaa Jihad Al-Hamad (Biomedical Systems Engineering)

Mohammad Ali Anaqrah (Biomedical Systems Engineering)

The teams were academically supervised by Dr. Zaid Al-Bataineh (Supervisor of the Robotics Team, Hijjawi Faculty) and Dr. Shadi Alboon from the Department of Electronics Engineering.

Dean of the Faculty, Dr. Mohammad Alzubaidi, emphasized that this achievement reflects the distinguished level of the faculty's students in design and programming, strengthening its position as a pioneering center for innovation and technology nationwide.

Dr. Alzubaidi also extended his gratitude and appreciation to Yarmouk University's administration for its continuous support and for providing an outstanding educational and research environment, as well as to Engineer Ayman Hijjawi, Chairman of the Hijjawi Scientific Foundation, for his generous sponsorship of this participation, which served as a strong motivation for the students to attain these advanced ranks and raise the faculty's name high in national forums.



Hijjawi Faculty Wins First Place in Hakim Academy Competition 2025



The Hijjawi Faculty for Engineering Technology at Yarmouk University won first place in the 10th annual Hakim Academy competition, organized by the Health Computing Company in the field of healthcare technology excellence.

The winning team was composed of students from Hijjawi Faculty for Engineering Technology, the Faculty of Pharmacy, the Faculty of Information Technology, and the Faculty of Computer Science, including Tamara Al-Azzam and Fares Maqbel from Hijjawi, Rasha Bani Salameh from Pharmacy, and Saad Al-Tamari from Information Technology. The team worked under the supervision of Dr. Qasem Qananweh, from the Department of Biomedical Systems and Informatics Engineering at Hijjawi Faculty.

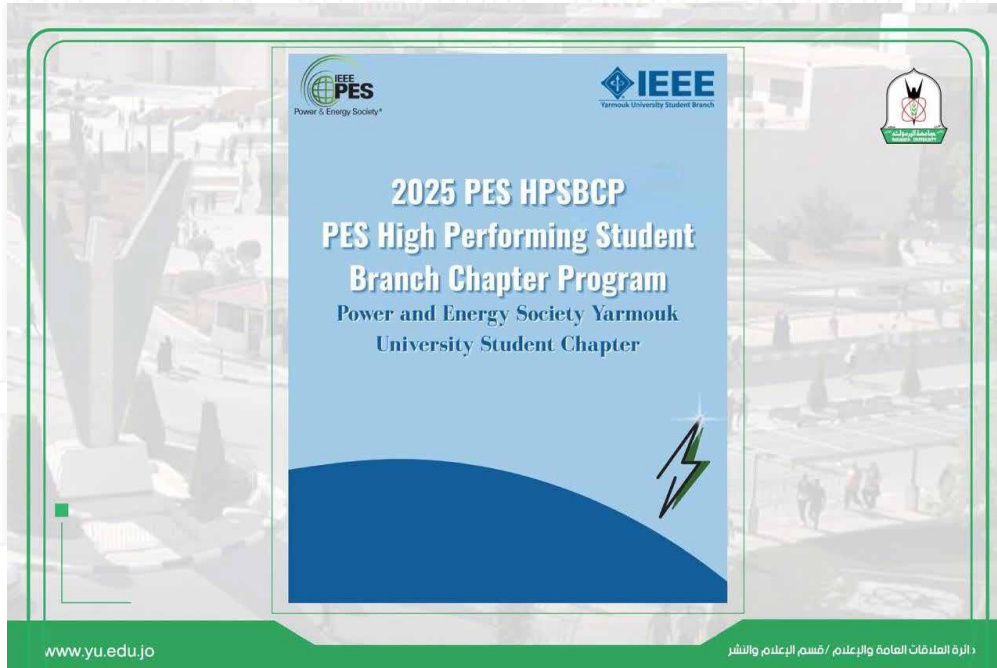
Their winning project, titled "Epilepsy Track," is an intelligent system designed to monitor epilepsy patients and improve their quality of life. By integrating sensor technologies, data analytics, and smartphone applications, the system enables real-time patient tracking, seizure prediction, and timely medical assistance.

Dr. Qasem Qananweh emphasized that this achievement highlights the importance of applying medical technology to support the healthcare sector and showcases the role of innovation and research in developing practical solutions that improve patients' lives.

Dean of the Hijjawi Faculty for Engineering Technology, Dr. Mohammad Alzubaidi, expressed pride in the students' achievement, noting that winning first place in a national-level competition reflects the university's excellence, the competence of its students and faculty, and its role as a hub for creativity and innovation in engineering and medical fields. He added that such achievements advance the university's contribution to society and the healthcare sector through applied scientific research.



Hijjawi's IEEE Student Branch Wins High Performing Award 2025



The IEEE Student Branch at Yarmouk University, managed by the Hijjawi Faculty for Engineering Technology, has been awarded the “High Performing Student Branch Award 2025” at the regional level of IEEE Region 8.

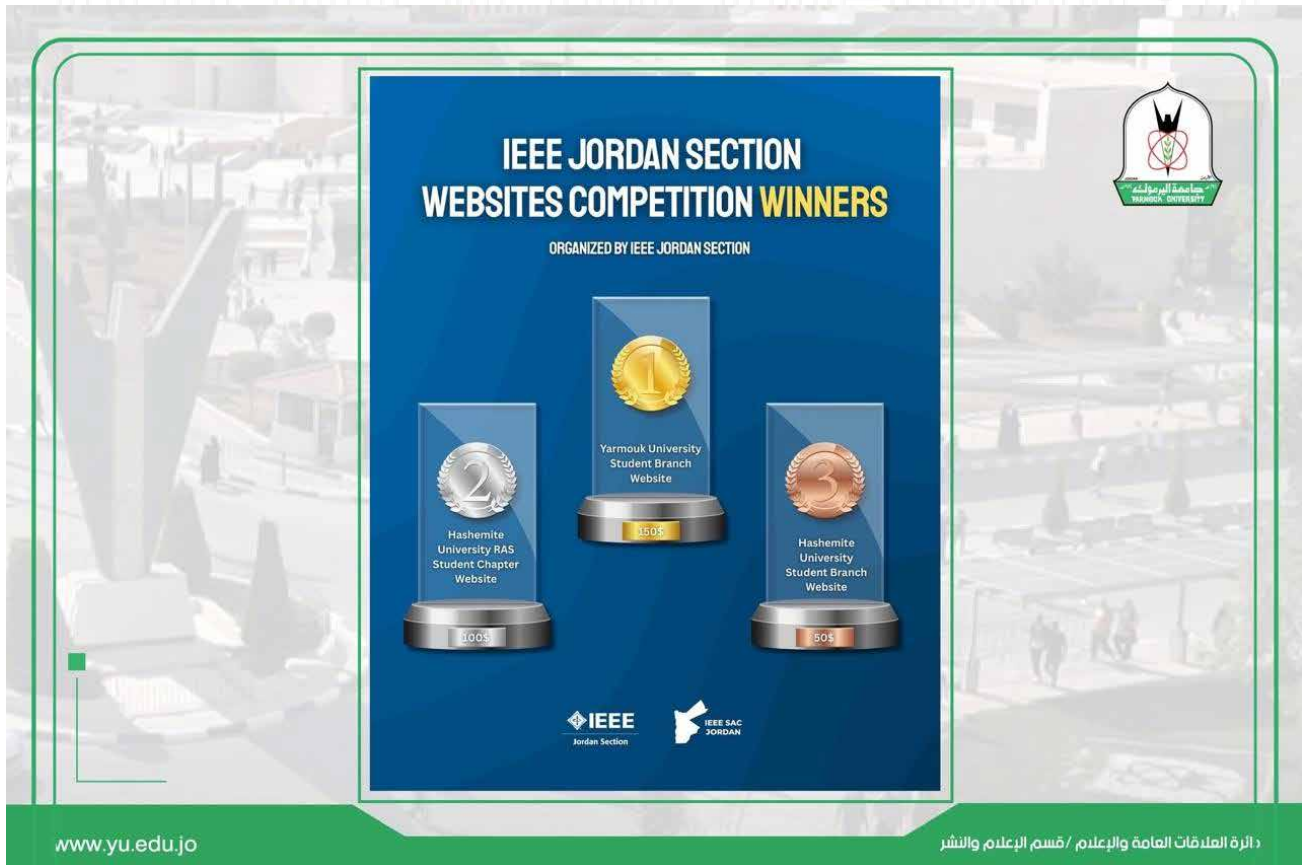
IEEE Region 8 covers Europe, Asia, and North Africa. The award is granted following an international evaluation process, which assesses the quality and impact of academic and practical activities carried out during 2024, as well as their alignment with IEEE’s global standards.

Dean of the Hijjawi Faculty for Engineering Technology, Dr. Mohammad Alzubaidi, emphasized that this recognition was the result of teamwork, dedication, and careful planning by the branch’s members. He noted that the students have demonstrated their ability to achieve unprecedented levels of excellence and leadership.

Dr. Alzubaidi expressed pride in Yarmouk University’s IEEE Student Branch and its affiliated societies, highlighting their growing ability to compete globally in technology and innovation. He added that this achievement strengthens Yarmouk’s position as a leading scientific and academic institution in the region and serves as strong motivation to continue supporting students, empowering them to launch pioneering initiatives and innovative projects that benefit both the local and international community.

This award represents a significant milestone in Yarmouk University’s journey of excellence and innovation, enhancing its international academic and research profile. It reaffirms the university’s role in preparing students to excel in prestigious global forums and contributes to raising Jordan’s standing in engineering, technology, and energy.

IEEE Yarmouk Branch Wins First Place in Best Website Competition



The IEEE branch at Hijjawi Faculty for Engineering Technology at Yarmouk University won first place in the Best Website Competition at the branch level among Jordanian universities. More than 20 universities participated in the competition, with their websites evaluated based on several features provided to students and members.

Yarmouk University's branch website stood out in the competition for showcasing notable achievements and activities, in addition to covering all aspects that serve both member and non-member students.

Dr. Mohammad Alzubaidi, Dean of the Hijjawi Faculty for Engineering Technology, said that the faculty has always encouraged and supported its students in voluntary creative initiatives, in line with the university's mission. He emphasized that such awards would not have been possible without the organized and continuous efforts of the students and branch coordinators.

He added that the Hijjawi Faculty has always been, and will remain, one of the leading engineering faculties in Jordan, opening new horizons for students and empowering them for the labor market.

Hijjawi Faculty Achieves 2nd Place at 12th National Technology Festival



Hijjawi Faculty for Engineering Technology secured second place at the 12th National Technology Festival, organized by Al-Hussein Technical University, with wide participation from various Jordanian universities and under the organization of the IEEE Jordan Section. The festival witnessed strong competition, with more than 400 projects in the initial phase, out of which 107 projects qualified for the final stage after passing the evaluation criteria across various technical categories.

Hijjawi Faculty advanced to the final stage with six student projects, reflecting the college's academic and research excellence and its leadership in guiding students towards innovative projects with tangible impact.

The "Smart Survival Bed" project won second place at the national level in the Public Safety and Quality of Life category. The project was developed by students Lujain Al-Badawi and Raneem Al-Aswad from the Industrial Engineering Department, under the supervision of Dr. Ghazi Magableh.

The project stands out for providing a smart solution that supports public safety through the use of sensing and control technologies, and it demonstrates the students' ability to employ engineering skills to serve the community.

Dean of the Faculty, Dr. Mohammad Alzubaidi, expressed his pride in all the college's projects reaching the final stage, emphasizing that winning second place is clear evidence of the competence of the students and their ability to innovate in vital fields.

Steel Team Wins Second Place in National Bridge Competition



The Steel Team from the Department of Civil Engineering at the Hijjawi Faculty for Engineering Technology – Yarmouk University achieved second place in the “Bridge Competition” for wooden bridge design, organized by the American Concrete Institute (ACI) Student Chapter at Al-Balqa Applied University, with wide participation from universities across Jordan.

The team included students Abdullah Shdeifat, Qusai Al-Jarrah, Abdulrahman Amayreh, Mais Bani Khalaf, and Nour Al-Rabee, under the supervision of Dr. Mohammad Firas Tamimi.

Dr. Al-Tamimi praised the students’ dedication, professionalism, and creativity throughout the competition, highlighting the spirit of healthy competition that brought together engineering students from across the country.

Dean of the Faculty, Prof. Mohammad Alzubaidi, expressed his pride in this achievement and congratulated the students for their outstanding performance, which reflects the high academic and innovative level of the Faculty’s students. He emphasized that this success is the result of a stimulating educational environment and the continuous support of Yarmouk University’s administration, which spares no effort in empowering students and faculty members.

OEM Lab Wins First Place in Scientific Poster Competition



Dr. Mu'taz Dweiri and the Oncology Engineering Medicine Laboratory (OEM Lab) team at the Hijjawi Faculty for Engineering Technology - Yarmouk University won first place in the Scientific Poster Competition held during the Scientific Day of the School of Graduate Studies and Scientific Research at Yarmouk University.

The winning poster, titled:

"Losartan as a Mechanotherapeutic Adjuvant: Remodeling the Breast Tumor Microenvironment to Improve Treatment Efficacy,"

showcased pioneering research in the field of mechanotherapeutic adjuvants and tumor microenvironment remodeling to enhance treatment effectiveness.

This achievement represents a culmination of the OEM Lab's advanced research efforts in medical engineering, reflecting the Faculty's commitment to supporting impactful interdisciplinary research that bridges medicine and engineering while addressing critical societal and scientific challenges.

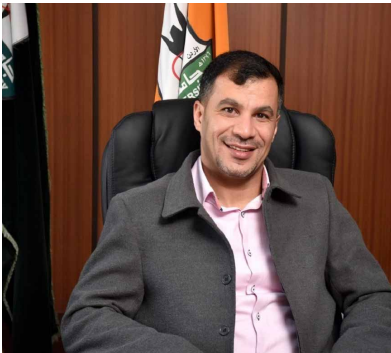
Happy New Academic Year 2025 / 2026!

Wishing You a Prosperous and Happy New Academic Year 2025 / 2026 from the Hijjawi Faculty for Engineering Technology Leadership Team!



Prof. Mohammad A. Alzubaidi

Dean of Faculty



Prof. Zaid Albataineh

Vice Dean and Head of Mechanical Engineering Department



Dr. Hisham Almasaeid

Vice Dean



Dr. Dania Bani Hani

Vice Dean



Dr. Mohammad Tamimi

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Head of Industrial Engineering Department



Dr. Yusra Obeidat

Head of Electronics Engineering Department



Dr. Hasan Aldiabat
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Dr. Mahmoud Masadeh
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