







ERING

& INFORMATION TECHNOLOGY

Sustainability Report 2025

Advancing the Sustainable Development Goals

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Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan, Punjab, Pakistan





Executive Summary

Khwaja Fareed University of Engineering and Information Technology (KFUEIT) is deeply committed to advancing sustainability by aligning its efforts with all 17 UN Sustainable Development Goals (SDGs). The university integrates these goals across its operations, curriculum, extracurricular activities, student projects, and research initiatives, supported by funding from both national and international organizations. emphasizes Additionally, **KFUEIT** community engagement and fosters innovation through business incubation models, ensuring a broad and meaningful impact. KFUEIT's sustainability efforts are reflected in its robust governance structure, which supports strategic planning and longterm sustainability goals. The university's leadership is dedicated to building strong institutions and fostering global partnerships to advance the SDGs. Environmentally, **KFUEIT** focuses sustainable on infrastructure, energy efficiency, and climate action, with projects aimed at reducing greenhouse gas emissions and promoting resilience. These initiatives support clean water and sanitation, renewable energy, and the preservation of terrestrial and aquatic ecosystems. The university is also committed to responsible resource management, with strategies for waste reduction, conservation, and sustainable procurement

efforts contribute practices. These responsible consumption and production, as well as the protection of life below water and on land. Social responsibility is a key pillar of KFUEIT's approach, with programs that promote diversity, equity, inclusion, and community well-being. Through outreach and partnerships, the university addresses pressing social issues such as poverty, health, gender equality, and sustainable urban development. Economically, KFUEIT drives sustainability through strategic investments in sustainable technologies and innovations, generating economic growth while ensuring responsible consumption and production. The university's financial strategies aim to support ongoing sustainability projects and deliver cost savings. Education and research are central to KFUEIT's mission, with a strong emphasis on embedding sustainability into the curriculum and engaging students sustainability-focused faculty in research. The university's partnerships with other institutions and organizations further enhance its ability to address global challenges. Overall, KFUEIT's sustainability report highlights the university's comprehensive efforts to integrate the SDGs into every aspect of its operations, showcasing measurable progress and setting a clear vision for continued leadership in sustainable development.













Message from the Vice Chancellor



Prof. Ir. Dr. Amir Azam Khan
Vice Chancellor
Khwaja Fareed University of Engineering
and Information Technology, Rahim Yar Khan, Pakistan

As Vice Chancellor of Khwaja Fareed University of Engineering and Information Technology (KFUEIT), it is with great pride that I present our continued and unwavering commitment to sustainability and the United Nations Sustainable Development Goals (SDGs). Our dedication to these global goals is not just a reflection of our institutional values but a crucial part of our mission to create a lasting and positive impact on the world.

In the past year, KFUEIT has made significant strides in integrating sustainability into every aspect of our operations, education, and research. We have expanded our efforts to align with all 17 SDGs, recognizing that our actions today shape the future of our society, environment, and economy. Our initiatives have been wide-ranging and innovative, focusing on the areas that matter most to our community and the world at large.

We have advanced our environmental stewardship by reducing energy consumption, expanding renewable energy projects, and enhancing our water conservation practices. These efforts support not only the goals of affordable and clean energy (SDG 7) and clean water and sanitation (SDG 6) but also contribute to a broader culture of responsible resource management and climate action (SDG 13). Social responsibility remains at the core of our work. We have strengthened our commitment to diversity, equity, and inclusion, ensuring that our campus is a welcoming environment for all (SDGs 5

Additionally, we continue to focus on quality education (SDG 4), poverty eradication (SDG 1), and the well-being of our students and faculty (SDG 3), recognizing these as vital components of a thriving and resilient community.

Economic sustainability has been another key focus KFUEIT. We area for have implemented sustainable procurement practices, responsible investment strategies, and initiatives that contribute to local and regional economic development (SDGs 8, 9, and 12). These efforts are not only about financial sustainability but also about creating an economy that benefits our university, our community, and future generations.

As we look to the future, I invite all stakeholders—students, faculty, staff, alumni, and partners—to join us in our journey towards sustainability. The challenges we face are complex and interconnected, but together, we have the power to drive meaningful change. Let us commit to fostering a society that is equitable, resilient, and environmentally conscious, innovation and education lead the way to a better tomorrow. and 10). Our community engagement programs have grown, allowing us to collaborate more deeply with local organizations and stakeholders to address pressing societal challenges and promote sustainable development (SDG 17).





Message from the Director of Quality Enhancement Cell (QEC)



Dr. Muhammad Bilal TahirDirector of Quality Enhancement Cell (QEC)
Khwaja Fareed University of Engineering and Information
Technology, Rahim Yar Khan

As the Director of the Quality Enhancement Cell (QEC) at KFUEIT, I am proud to highlight the central role that sustainability and the Sustainable Development Goals (SDGs) play in our ongoing efforts to enhance the quality of our institution. We believe that sustainability is not just an addon but a core component of our pursuit of academic excellence and continuous improvement. By embedding sustainability principles into our practices, we are ensuring responsible resource management reinforcing our commitment to social and environmental responsibility. The QEC is deeply involved in promoting sustainability initiatives across all SDGs within our university. We collaborate closely with faculty, staff, and students to deepen their understanding of sustainability and empower them to contribute actively to sustainable development. I am proud to acknowledge the progress we have made so far. Our collective efforts have led to significant achievements across various SDGs. We have implemented energy-saving measures aligned with SDG 7

and adopted effective water conservation practices in support of SDG 6, leading to positive changes in our water usage. Our commitment to responsible consumption and production (SDG 12) is evident in our waste reduction, recycling, and circular economy initiatives, which have fostered a strong culture of sustainability on our campus. We collaborations (SDG 17), we have extended our reach beyond the campus, making a tangible impact on the broader communities we serve. While we celebrate these accomplishments, we recognize that there is more work to be done. In the coming years, continue to integrate will the OEC sustainability deeply more into institutional practices. We will develop comprehensive action plans to address each SDG and enhance our performance indicators to measure our progress more effectively. Together, we can ensure that KFUEIT remains at the forefront o sustainable development, contributing meaningfully to the global effort to achieve the SDGs.





QEC Team



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Mr. Aslam Sabir Junior Clerk



Preface

We are proud to present the Sustainability Report of Khwaja Fareed University of Engineering and Information Technology (KFUEIT)—a testament to our unwavering commitment to sustainable development and our vision for a more equitable, resilient, and thriving future.

At KFUEIT, we recognize the urgency of addressing global challenges such as climate change, resource depletion, and social inequality. This report reflects our dedicated efforts to contribute meaningfully to these pressing issues, guided by the principles of sustainability and the United Nations Sustainable Development Goals (SDGs).

This document provides a comprehensive overview of our sustainability journey—highlighting the initiatives undertaken, the progress achieved, and the goals we continue to pursue. Through alignment with the SDGs, we strive not only to enhance sustainability within our institution but also to generate positive impacts in our surrounding communities and at the national and global levels.

Transparency and accountability are central to our approach. In this report, we openly share our successes as well as the challenges we face underscoring our commitment to continuous improvement and shared responsibility.

We extend heartfelt gratitude to the many individuals and partners who have contributed to KFUEIT's sustainability journey. Our deepest appreciation goes to our dedicated faculty, staff, and students, whose expertise, energy, and commitment have driven our progress. We also recognize the support of local organizations, government bodies, and community members who continue to collaborate with us in advancing sustainable solutions.

As you explore this report, we invite you to reflect on our shared progress and consider new opportunities for partnership. Sustainable development requires collective action, and we believe that through collaboration, innovation, and shared purpose, we can create enduring, positive change.

Within these pages, you will find insights into our environmental stewardship, climate action, social equity initiatives, economic sustainability strategies, and the integration of sustainability across education and research. Through our sustained commitment to the SDGs, we aim to leave a meaningful legacy for generations to come.





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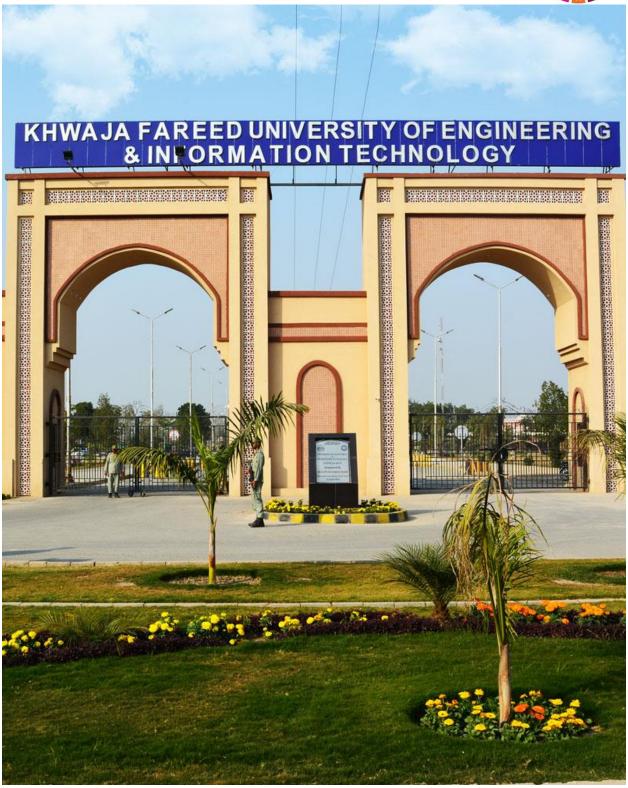




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Introduction



The introduction to this sustainability report marks an important chapter in Khwaja Fareed University of Engineering and Information Technology (KFUEIT)'s journey toward a sustainable and responsible future. At KFUEIT, sustainability is not just a goal but a core value that influences every aspect of our operations, education, research, and community engagement. This report is a testament to our commitment to embedding the principles of sustainable development into the fabric of our institution. In this report, we provide a comprehensive account of our efforts to align with the United Nations' Sustainable Development Goals (SDGs). These goals serve as a global blueprint for achieving a better and more sustainable future, and we have taken deliberate steps to incorporate them into our strategic planning, decision-making processes, and day-to-day activities. The report highlights our progress in areas such as environmental stewardship, social responsibility, economic sustainability, and the integration of sustainability into our educational programs and research initiatives.

This document also reflects our commitment to transparency and accountability, offering insights into both our successes and the challenges we face as we work to achieve our sustainability objectives. By detailing our initiatives, we aim to inspire others within and beyond our community to join us in the pursuit of a sustainable future. Through the collective efforts of our faculty, staff, students, and partners, KFUEIT continues to drive positive change and make meaningful contributions to the SDGs. We believe that by fostering a culture of sustainability, we can create lasting impacts that benefit our campus, local community, and the wider world. As you explore this report, we invite you to consider how KFUEIT's dedication to sustainability is shaping the future, and how each of us can play a role in advancing these essential goals. Together, we can build a resilient, equitable, and sustainable world for generations to come.





Governance and Leadership

Effective governance and strong leadership are the cornerstones of Khwaja Fareed University of Engineering and Information (KFUEIT)'s Technology sustainability efforts. At KFUEIT, we recognize that achieving our sustainability goals requires a robust governance framework that integrates sustainability into every aspect of our institution's operations, policies, and strategies. Our sustainability governance structure is designed to ensure that decisionmaking processes at all levels of the university are aligned with our commitment to sustainable development. This structure facilitates the coordination of sustainability initiatives across various departments and ensures that our actions are consistent with our long-term vision. Leadership initiatives and policies at KFUEIT are pivotal in driving our sustainability agenda. Our leadership is committed to embedding sustainability into the university's strategic planning and operational procedures. This commitment is

reflected in the development implementation of policies that promote sustainable practices, ethical governance, and responsible management of resources. Strategic planning plays a crucial role in KFUEIT's sustainability journey. We have established long-term sustainability goals that guide our actions and decisions, ensuring that we remain focused on creating a positive impact on our campus, community, and the world. These goals are aligned with the United Nations' Sustainable Development Goals (SDGs), particularly SDG 16: Peace, Justice, and Strong Institutions, and SDG 17: Partnerships for the Goals, which emphasize the importance of effective, accountable, and inclusive institutions and the power of collaboration. By fostering a culture of sustainability through strong governance and visionary leadership, KFUEIT is committed to building a sustainable and equitable future for all





8-FACULTIES, 13-INSTITUTES AND 11-DEPARTMENTS:



- 1. Faculty of Electrical & Computer Engineering
- Department of Electrical and Biomedical Engineering
- Institute of Computer and Software Engineering
- 2. Faculty of Chemical, Civil & Environmental Engineering
- Institute of Chemical and Environmental Engineering
- Department of Civil Engineering
- 3. Faculty of Mechanical and Agriculture Engineering
- Department Agricultural Engineering
- Institute of Mechanical and Manufacturing Engineering
- 4. Faculty of Information Technology
- O Institute of Computer Science
- Institute of Information Technology
- Department of Data Science and Artificial Intelligence
- Department of Cyber Security

- 5. Faculty of Administrative & Management Sciences
- Institute of Business Administration
- Department of Accounting and Finance
- 6. Faculty of Natural and Applied Sciences
- Institute of Physics
- Institute of Mathematics
- Institute of Chemistry
- Institute of Biological Sciences
- O Department of Life Sciences
- 7. Faculty of Food, Health Science & Technology
- Institute of Food Science and Technology
- Institute of Health Sciences
- Department of Nursing
- Department of Pharmacy

8. Faculty Humanities and Social Sciences

- O Department of Education
- Department of Law
- Institute of Humanities and Arts

Research Centers



- 1. Centre of Artificial Intelligence and Cyber Security
- 2. Centre for Innovative Material Research
- 3. Centre for Electronics and Robotics
- 4. Centre for Theoretical and Computational Research
- 5. Centre for Executive Training and Development
- 6. Centre for Water, Land and Ecosystem
- 7. Centre of Sufism
- 8. Centre for Thermal and Renewable Energy Research
- 9. Centre for Medical Services
- 10. Health Safety & Environment Centre
- 11. Centre for Basic Education
- 12. University Services Centre

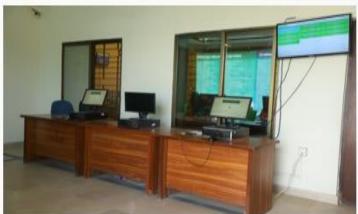




Establishment of Student Facilitation Center















This workshop, organized by QEC, aims to foster a deeper understanding of the crucial role of performance evaluation standards in promoting and maintaining high-quality educational institutions. In today's rapidly evolving educational landscape, ensuring the consistent delivery of high-quality education has become more important than ever. Institutional performance evaluation standards play a pivotal role in this regard by providing a framework to assess and enhance various aspects of an educational institution's functioning.









Environmental Stewardship and Climate Actions

At Khwaja Fareed University of Engineering and Information Technology (KFUEIT), environmental stewardship and proactive climate action are central to our mission of promoting sustainable development. We are deeply committed to minimizing our environmental footprint and contributing to global climate resilience through innovative solutions and strategic initiatives.

Sustainability is embedded in the very design of our campus, with green infrastructure that not only reduces environmental impact but also creates a healthy, dynamic, and inclusive learning environment. Our environmental strategy places a strong focus on energy efficiency and responsible consumption.

KFUEIT has implemented a range of energy conservation measures and continues to invest in renewable energy technologies—most notably solar power—to reduce reliance on fossil fuels. These efforts contribute to cleaner operations and demonstrate our

commitment to accelerating the transition toward sustainable energy systems.

Our climate action agenda also includes clear strategies to reduce greenhouse gas emissions, build climate resilience across campus infrastructure, and promote environmentally responsible behaviors among students, faculty, and staff. These initiatives reflect our long-term vision of a low-carbon, climate-resilient institution.

KFUEIT's environmental efforts are closely aligned with key United Nations Sustainable Development Goals (SDGs), including SDG 6 (Clean Water and Sanitation), SDG 7 (Affordable and Clean Energy), SDG 13 (Climate Action), and SDG 15 (Life on Land). Through these ongoing actions, we are not only safeguarding the environment but also empowering our community to lead the way in shaping a sustainable and resilient future for generations to come.















50000+ Tree Plantation - Clean and Green Campus





















Clean and Green Campus

































Clean and Green Campus

































Clean and Green Campus

























KFUEIT Organizes Awareness Walk for a Cleaner World

On the direction of the Vice Chancellor, Prof. Dr. Shahzad Murtaza, the Quality Enhancement Cell (QEC) of Khwaja Fareed University of Engineering and Information Technology (KFUEIT) organized an awareness walk titled "Together for a Cleaner World: Actions Today; Impact Tomorrow."

The walk was led by Dr. Muhammad Bilal Tahir, Director QEC, with active participation from faculty members and the QEC team. The initiative aimed to highlight the importance of taking immediate actions for a sustainable and cleaner future.

https://www.facebook.com/share/p/16ZutPytZ6/









Three-Day Workshop on Climate Smart Agriculture Accelerator Program Commences at KFUEIT Rahim Yar Khan, July 11, 2024 - A three-day workshop organized under the Climate Smart Agriculture Accelerator Program (CSAAP)-KFUEIT GIZ SAR Project, focusing on planning and managing business incubation, has commenced at Khwaja Fareed University of Engineering & Information Technology (KFUEIT). The workshop aims to educate individuals from various sectors about the incubation business in Pakistan.

The training workshop is designed to help participants understand global requirements for the incubation business, enhance their skills, and adapt these skills to Pakistan's conditions. Ikhtiar Ahmed Khuso, Director of the Incubation Center at IBA Sukkur, participated as a trainer, providing hands-on training to the participants.





The event saw the presence of Dr. Yasir Niaz, Dr. Bilal Tahir, Dr. Ahmed Sohaib, Dr. Farhan Chughtai and other department heads and faculty members, who contributed to the discussions and training sessions.

https://www.facebook.com/share/p/1F7hUCKMUS/













Monsoon 2024 Tree Plantation Campaign Inaugurated at KFUEIT

Rahim Yar Khan (06-08-2024) — Khawaja Fareed University of Engineering and Information Technology (KFUEIT) has launched the Monsoon 2024 Tree Plantation Campaign. The inauguration was led by Vice-Chancellor Professor Dr. Shahzad Murtaza. Accompanying him were Registrar Dr. Muhammad Saghir, Dr. Muhammad Bilal Tahir, Dr. Badar-ul-Islam, Dr. Aslam Khan, Dr. Yasir Niaz, Dr. Ahmad Sohaib, Dr. Shahid Atiq, Dr. Habib, and various departmental heads.

Following the inauguration, Vice-Chancellor Professor Dr. Shahzad Murtaza, Registrar Dr. Muhammad Saghir, and other officials planted trees. Under the Vice-Chancellor's special instructions, the emphasis was placed on planting local fruit-bearing trees to provide both shade and fruit.

During his address, Vice-Chancellor Professor Dr. Shahzad Murtaza highlighted the urgent need for tree plantation in light of climate change, rapid population growth, and the conversion of agricultural land into housing societies and commercial centers. He emphasized that immediate action is required to mitigate the impacts of environmental changes and natural disasters, enhance agricultural productivity, and positively affect the national economy.

Professor Dr. Shahzad Murtaza stressed the increased importance of tree plantation to combat the negative effects of climate change. He urged the citizens of Rahim Yar Khan to actively participate in this campaign by planting trees on their vacant and barren lands, fields, and along canals, following expert advice, to make the city greener and more vibrant.

The Focal Person of Green Youth Movement (GYM) Club -KFUEIT, along with hostel staff from both girls' and boys' hostels, enthusiastically participated in the event. KFUEIT plans to plant around 5,00 saplings in the university premises from the support provided by HEC from the Prime Minister Youth Program.

https://www.facebook.com/share/p/16PNNZnpvh







Green Youth Movement (GYM) Club -KFUEIT is committed to continue Monsoon plantation drive throughout the month of August. Mr. Ikhtiar Ahmed Khoso, Director Center for Entrepreneurial Leadership and Incubation IBA Sukkhar planted a sapling during his visit to the university.

Faculty members, staff of Climate Smart Agriculture Accelerator Program, and GYM Club KFUEIT team actively participated. Furthermore, GYM club members also installed artificial birds nests across the university campus to raise awareness and promote the sustainability of biodiversity. We extend our gratitude to HEC for their support from the Prime Minister's Youth Program.

https://www.facebook.com/share/p/14Fiku5w.LIR









Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahim Yar Khan, held special Independence Day celebrations, which included a tree plantation drive. During the event, Vice Chancellor Prof. Dr. Shahzad Murtaza, Registrar Dr. Muhammad Sagir, Pakistan Navy's Lieutenant Commander Iftikhar Anjum, and other distinguished guests participated by planting saplings. The Vice Chancellor and the Navy officer spoke about the significance of tree plantation, the love for the country, and the joy of celebrating Independence Day.

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Khwaja Fareed University of Engineering and Information Technology (KFUEIT) and the International Water Management Institute (IWMI) organized a 3-days training program on integrated water resources management using advanced data, sensors and modeling approaches. Faculty members, students, and researchers from various departments of KFUEIT, other universities and government institutes participated in the training program.

Dr. Umar Waqas, Dr. Naveed, Dr. Asif, Engr. Zeshan Ali, and Ms. Iqra comprehensively discussed various tools and technologies used for water accounting, assessment and planning. Prof. Dr. Shahzad Murtaza, Vice-Chancellor KFUEIT, appreciated the IWMI's resource persons for imparting valuable knowledge and skills through capacity-building sessions. He also expressed gratitude to Dr. Mohsin Hafeez, Director IWMI, for his continuous support regarding collaborative activities.

The Vice-Chancellor further appreciated the organizing committee members, particularly Dr. Yasir Niaz, Head of the Agricultural Engineering Department, for his dedication to strengthen external linkages.

https://www.facebook.com/share/p/T/63QGJ₁L8/







"Celebrating World Fisheries Day with Insightful Activities at KFUEIT

The Department of Life Sciences at Khwaja Fareed University of Engineering and Information Technology (KFUEIT) organized a webinar and an awareness walk to mark World Fisheries Day.

This engaging event aimed to highlight the importance of sustainable fisheries and aquatic ecosystems. Prof. Dr. Youssef Elabd from Alexandria University deliver an informative talk on the topic "The Global Future of Fish Farming". Esteemed faculty members, including Dr. Mustafa Kamal, Dr. Tanveer Ahmed, Dr. Muhammad Zubair-Ul-Hassan Arslan, Dr. Majeeda Rasheed, and Dr. Ammara, actively participated, sharing valuable insights and raising awareness about the critical role of fisheries in environmental conservation, food security, and livelihoods. The awareness walk added a dynamic touch, bringing together students and faculty to emphasize the significance of protecting our aquatic resources for future generations.

https://www.facebook.com/share/p/1CVRrihgxt/









World Soil Day Celebration **, the GYM Club KFUEIT organized an interactive session under the Prime Minister's Youth Programme initiative **. This collective effort saw enthusiastic participation from faculty members, students, GYM club members, and experts in the field of agriculture **. Participants learned about the tools and technologies used for measurement, monitoring and managing the soils.

Let's continue in our collaborative endeavors to raise awareness about the importance of soil conservation for sustainable agriculture!

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On January 5, 2025, the KFUEIT Biodiversity Conservation Society (KBCS) celebrated International Bird Day with great enthusiasm, emphasizing the importance of environmental conservation. The event aimed to raise awareness about the critical role birds play in our ecosystem and encouraged both students and faculty to actively contribute to bird conservation efforts. A key highlight of the celebration was a hands-on workshop where participants-built bird nests. This engaging activity aimed to create safe and comfortable habitats for local bird species, fostering biodiversity and supporting the natural environment.

https://www.facebook.com/share/p/1BantOYAot/







A One Day training workshop was organized under The Climate Smart Agriculture Accelerator Program (CSAAP) KFUEIT-GIZ SAR Project on "Market Research and opportunity identification" to boost the entrepreneurial skills of startups. The focus was on market research and identifying opportunities in climate-smart agriculture. Experts Dr. Muhammad Waleed Khalid and Mr. Muhammad Tariq Shareef led the workshop, sharing essential strategies for effective market research. Dr. Aisha Aziz and Ms. Sana Amjad facilitated the session, enhancing participant engagement and making the workshop more dynamic.

https://www.facebook.com/share/p/15GbrzyLu7/







The Department of Life Sciences at Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahimyar Khan, celebrated World Wildlife Day with great enthusiasm. Organized by the KFUEIT Biodiversity Conservation Society, the event featured exciting competitions such as quizzes, poster presentations, and painting and sketch contests.

One of the highlights of the event was a vibrant and educational walk to raise awareness about wildlife conservation. Faculty members, students, and wildlife enthusiasts participated in the walk, carrying informative banners advocating for the protection and preservation of biodiversity. The walk not only brought attention to the importance of wildlife conservation but also fostered a sense of community and shared responsibility among the participants.

Overall, the event was a memorable and educational experience for all attendees, emphasizing the critical role that each individual can play in safeguarding our planet's wildlife.

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Description:

Plantation Drive at KFUEIT!

In line with the directives of the Government of Punjab and the Higher Education Commission, KFUEIT has launched a Plantation Drive under the esteemed leadership of Vice Chancellor, Prof. Dr. Ir. Amir Azam Khan.

On this occasion, the Vice Chancellor reaffirmed KFUEIT's commitment to environmental sustainability, announcing the plantation of 500 trees across the campus. This initiative aims to promote a greener, healthier future for our university and beyond.

Together, let's make KFUEIT greener!

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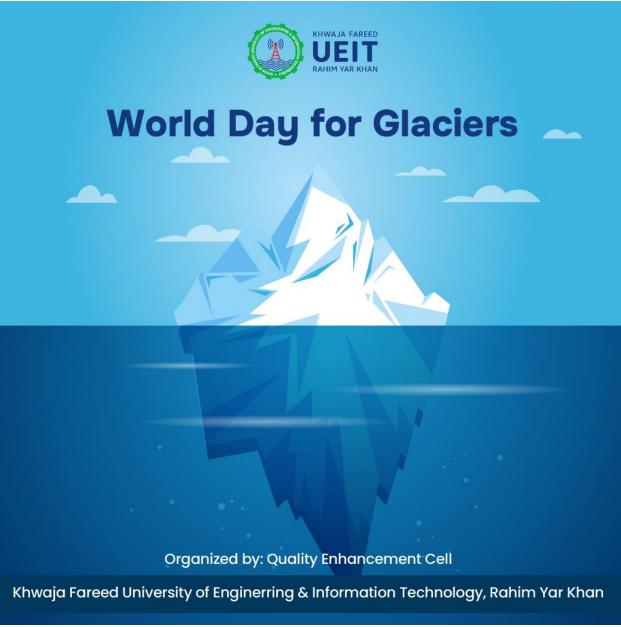




Plantation Drive on International Forest Day https://www.facebook.com/share/p/15SyM43dMF/







World Day for Glaciers

https://www.facebook.com/share/p/16johPoipX/







Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan celebrated the International Day for Biological Diversity this May.

On this significant occasion, our university community came together to emphasize the vital importance of biodiversity in maintaining healthy ecosystems and supporting all forms of life, including humanity. The event served as a reminder of our collective responsibility to protect and preserve the rich biological diversity of our planet.

https://www.facebook.com/share/p/16oiAidu24















World Environment Day Celebrated at Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan – 5th June 2025

Khawaja Fareed University of Engineering and Information Technology, Rahim Yar Khan (KFUEIT) proudly celebrated World Environment Day 2025 with a meaningful Public Awareness Walk and Plantation Drive on campus.

The event was honored by the presence of respected faculty members, including:

- The state of the s
- Dr. Shahid Atiq, Associate Dean
- Dr. Aslam Khan, Associate Dean
- Dr. Yasir Niaz, Associate Dean
- The Dr. Muhammad Arif HoD

Chemical Engineering

A large number of students actively participated in the awareness walk, spreading the message of environmental responsibility among fellow students and staff. Through banners, placards, and one-on-one conversations, they emphasized the urgent need for sustainable living and climate action.

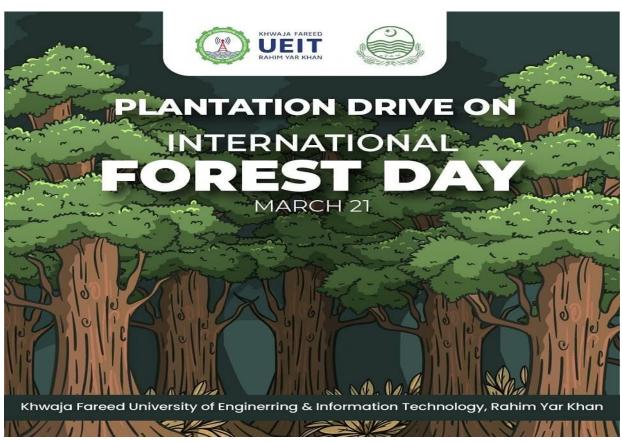
The event concluded with a plantation activity, where both faculty and students planted trees to symbolize their commitment to a greener, healthier planet.

Together, let's pledge to protect our environment—not just today, but every day.











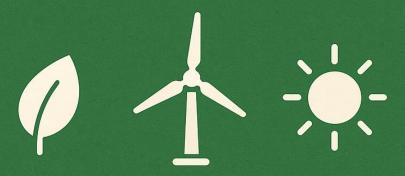


KFUEIT's "Keep KFUEIT Clean" initiative instills a sense of environmental stewardship, inspiring students and staff to maintain a litter-free and sustainable campus. By organizing regular cleanup activities, KFUEIT fosters a community-driven approach towards creating a greener and healthier university environment. The "Keep KFUEIT Clean" program empowers individuals to take small actions that collectively make a significant difference, promoting a cleaner and more eco-conscious campus for all.





Renewable Energy and Resources Management



KFUEIT-RYK





Renewable Energy and Resources Management

At Khwaja Fareed University of Engineering and Information Technology (KFUEIT), effective resource management is a fundamental pillar of our sustainability strategy. We are committed to implementing responsible practices that minimize waste, conserve natural resources, and promote sustainable consumption across all aspects of campus life.

Our waste management initiatives focus on reducing the environmental footprint of university operations by promoting recycling, reusing materials, and embracing circular economy principles. By actively minimizing waste, we foster a culture of environmental responsibility and encourage behavioral change within our university community.

Water conservation is another critical aspect of our sustainability agenda. KFUEIT has introduced a variety of measures to improve water efficiency, optimize consumption, and support reuse and recycling. These efforts reflect our broader commitment to preserving this essential resource and contributing meaningfully to global water security.

In line with our sustainability objectives, KFUEIT also prioritizes sustainable procurement practices. We are focused on sourcing environmentally friendly and ethically produced goods and services—ensuring that our purchasing decisions align with our values of environmental stewardship and social responsibility.

These resource management efforts directly support several key United Nations Sustainable Development Goals (SDGs), including SDG 6 (Clean Water and Sanitation), SDG 12 (Responsible Consumption and Production), SDG 14 (Life Below Water), and SDG 15 (Life on Land). Through these initiatives, KFUEIT continues to strengthen its role as a responsible institution dedicated to preserving the planet's resources for current and future generations.





Walking Solar Shed







The Walking Solar Shed at our university combines renewable energy and practicality, installing solar panels along the walking track to provide both shade and generate clean electricity. This innovative initiative ensures students benefit from renewable energy while staying comfortable during hot weather, exemplifying our commitment to sustainability and student well-being.







Installation of Wastewater Treatment Plant

The university has established Wastewater Treatment Plant to treat the university sewage water. The primary objective of this project is to design an onsite wastewater treatment plant for the University that would serve as a more sustainable and cost-efficient method of treatment. The sewage is properly cycled for the further use. The recycled wastewater main utilization is for the irrigation purpose to the lawns of KFUEIT and research trials on the agriculture research farm. This recycled water is also used for toilet, car wash purpose and other purpose.







Operation of Wastewater Treatment Plant through Solar Energy

The wastewater treatment plant is operated through the solar energy which will reduce the impact on conventional energy sources and our climate.



Treatment of Organic Waste

Organic waste is collected from all around the university. This waste is used in a number of recycling methods including bio-gas, compost making, and clean combustion etc. the details are presented below











Biogas plants play a pivotal role in sustainability by converting organic waste into renewable energy (biogas) and nutrient-rich biofertilizers through anaerobic digestion. This process reduces reliance on fossil fuels, mitigates greenhouse gas emissions, fosters sustainable agriculture, and promotes a greener and more sustainable future.





The burning of smoke-free, clean biomass in indigenously developed stoves represents a crucial step towards sustainable energy solutions. These innovative stoves are designed to efficiently burn biomass, such as wood, crop residues, and biogas, while minimizing harmful emissions and smoke. By doing so, they not only improve indoor air quality, reducing health risks for those exposed to traditional cooking methods, but also contribute to mitigating the negative impact of biomass combustion on the environment. The use of these stoves promotes sustainable cooking practices, conserves natural resources, and helps combat climate change. Furthermore, their indigenous development fosters local





innovation and empowers communities to embrace eco-friendly technologies tailored to their specific needs, ensuring a cleaner and healthier future for all.





Biodiesel production and testing play a vital role in advancing sustainable energy alternatives. Biodiesel is derived from renewable sources such as vegetable oils and animal fats, making it a greener and more environmentally friendly option compared to conventional fossil fuels. The production process involves transesterification, which converts these feedstocks into biodiesel, reducing greenhouse gas emissions and dependence on non-renewable resources. Rigorous testing ensures the quality and performance of biodiesel, meeting industry standards and guaranteeing compatibility with existing diesel engines. By fostering the development and implementation of biodiesel, we pave the way for a cleaner and more sustainable energy landscape, contributing to reduced carbon footprints and a greener future.











Toxic Waste Handling

The toxic waste is collected separately and dealt with precaution. Different types of wastes are properly labeled and instructions for students and staff are communicated via lecture and posters. The toxic waste is handled by a certified third party (shaikh zayed hospital). This is the only certified company operating in the area



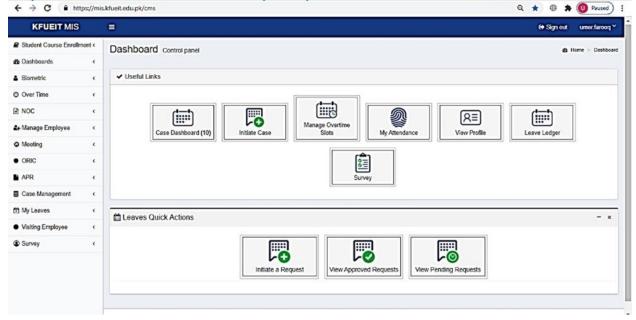


Program to Reduce the Use of Paper and Plastic in Campus

The KFUEIT has taken many initiatives to reduce the use of paper and plastics in campus. For instance, the employees' data is kept online via MIS tool developed by the KFUEIT. It provided wide range of services online to eliminate the need of paper; including complete record of the employee, leave application process, apply for NOC etc. The Case management system is developed to address various issues and problems via online, which eliminates the need for written application to be submitted. The Leaning management system (LMS) is indigenously developed by KFUEIT to facilitate the learning experience of students as well as reduce the need of paper and printing. If absolutely necessary, the papers are printed but it is ensured that they are printed on both sides as a policy. Use of plastics for the paper binding, reports cover, and single-use plastics are highly discouraged. A series of seminars and trainings are conducted for efficient usage of resources and to reduce various types of wastes throughout the year.

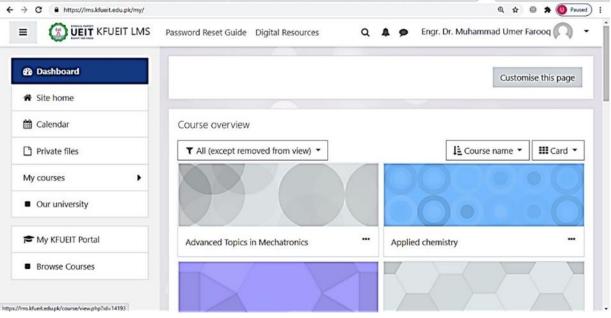
Following are few projects secured and events organized regarding waste minimization and reduce the need for paper and plastic usage.

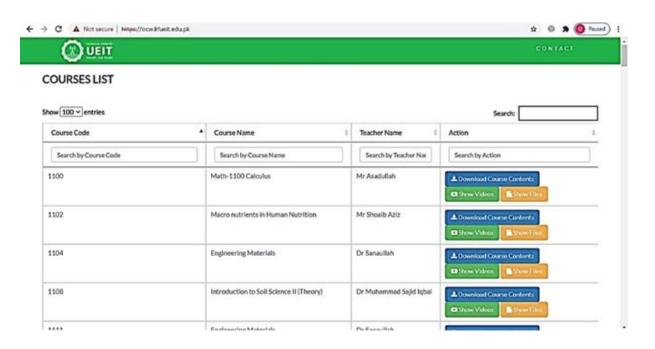
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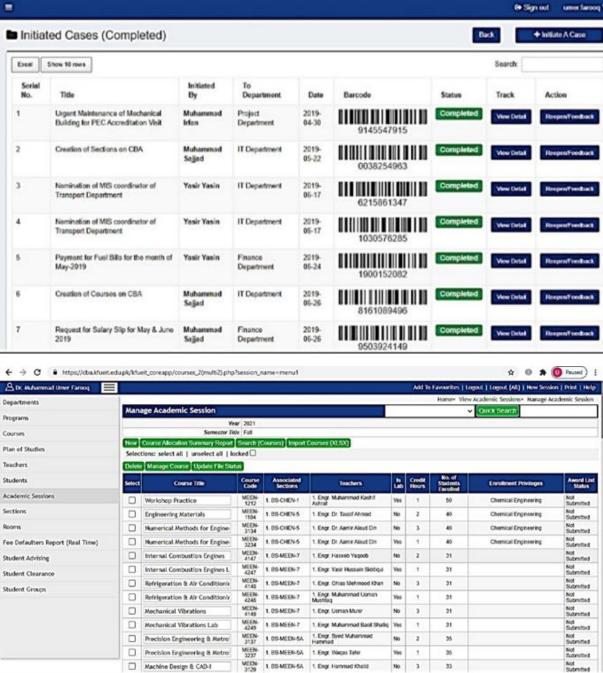












CBA system for complete examination data, enrollment, teacher allocation.





Implementation of Water Conservation Program

KFUEIT has implemented several water conservation initiatives to address seepage losses and promote efficient irrigation practices. Firstly, cemented-based water channel lining reduces water wastage by providing a defined pathway for water to reach its destination, minimizing losses. Secondly, Precision Surface Irrigation employs a high-efficiency system based on simulation modeling, ensuring water is applied accurately according to the field's slope, maintained through laser grading during cultivation. Thirdly, on-farm water storage in the Ground Water Tank enables water conservation during excessive availability, ensuring a stable supply during canal water closure or peak demand. Additionally, rain harvesting systems, automatic on/off taps, moveable rain gun systems, and tensiometer installations further optimize irrigation, allowing for demand-based water application and better crop production. These initiatives collectively contribute to sustainable water management and environmental stewardship at KFUEIT.



Cemented Water Channels







Precision Surface Irrigation at Agriculture Research Farm of the KFUEIT

Automatic on/off taps as a policy to replace manual taps9left), Rainwater Harvesting System (Right)









Social Responsibilities



KFUEIT-RYK





Social Responsibilities

At Khwaja Fareed University of Engineering and Information Technology (KFUEIT), social responsibility and community engagement are foundational to our mission of building a just, inclusive, and empowered society. We are dedicated to advancing social equity by creating opportunities that are accessible to all, fostering a campus culture where diversity is respected and every individual has the support to thrive.

Our initiatives are designed to reduce inequalities and promote inclusivity across all dimensions of university life. We implement targeted programs that ensure equal access to education, resources, and support services—reinforcing our belief that inclusive growth is essential to sustainable development.

Community outreach remains a vital pillar of our engagement strategy. KFUEIT collaborates actively with local communities, government agencies, non-profits, and industry partners to address critical social issues. Whether through poverty alleviation projects, educational outreach, or social development programs, we aim to create tangible, positive change in the lives of those beyond our campus.

Health and well-being are also central to our social commitment. We have launched a range of initiatives to support the physical and mental health of our students, faculty, and staff—promoting a safe, healthy, and inclusive learning environment where everyone can flourish.

Our work in social responsibility is firmly aligned with several key United Nations Sustainable Development Goals (SDGs), including SDG 1 (No Poverty), SDG 3 (Good Health and Well-being), SDG 5 (Gender Equality), SDG 10 (Reduced Inequalities), and SDG 11 (Sustainable Cities and Communities). Through these efforts, KFUEIT continues to play a proactive role in shaping a more equitable, compassionate, and sustainable future—for our campus, our community, and the broader society.













Khawaja Fareed University of Engineering and Information technology Rahim yar Khan Organized Every year Ramzan dastar khan for the needy people.





Economic Sustainability and Innovation



KFUEIT-RYK





Economic Sustainability and Innovation

At Khwaja Fareed University of Engineering and Information Technology (KFUEIT), economic sustainability and innovation are fundamental to our vision of building a resilient and prosperous future. We are committed to developing sound financial strategies that ensure our sustainability initiatives are not only environmentally and socially responsible, but also economically viable and scalable.

By strategically managing our resources, we aim to maximize the effectiveness and longevity of our sustainability efforts. Cost savings generated through energy efficiency, waste reduction, and resource optimization are reinvested into further enhancing our environmental and social initiatives—creating a cycle of continuous improvement and impact.

KFUEIT also places a strong emphasis on investing in sustainable technologies and

fostering a culture of innovation. We actively explore and implement forward-thinking solutions that promote responsible consumption, stimulate economic growth, and drive advancements across industries. Through innovation, we are strengthening our institutional capacity while contributing to the broader transition toward a sustainable economy.

Our commitment aligns closely with key United Nations Sustainable Development Goals (SDGs), particularly SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 12 (Responsible Consumption and Production). Byintegrating economic sustainability with innovation, KFUEIT is demonstrating that environmental responsibility and financial resilience can go hand in hand—delivering long-term value for the university, its stakeholders, and the wider community.





Construction of Commercial Market (O.R)











50 Numbers of Smart Class Rooms





• With 50 New Class Rooms 25000+ students can be Accommodated

50 Nos of Smart Class Rooms (O.R)

















Community Center Hall (O.R)



















Jamia Masjid





Guest House (O.R)















Education and Research



KFUEIT-RYK





Education and Research

At Khwaja Fareed University of Engineering and Information Technology (KFUEIT), sustainability is deeply woven into the core pillars of our institution—education, research, and community engagement. We are committed to equipping our students with the knowledge, skills, and mindset needed to tackle the pressing global challenges of our time.

Our academic programs are intentionally designed to integrate sustainability across all disciplines, fostering a new generation of are innovative, socially leaders who responsible, and environmentally conscious. KFUEIT a diverse array of offers sustainability-focused courses and degree programs that blend theoretical foundations with practical, hands-on learning. These offerings are aligned with international standards and are regularly updated to reflect evolving best practices in sustainability and environmental stewardship.

Research is a driving force behind our sustainability mission. KFUEIT actively supports faculty and student-led research projects aimed at addressing critical sustainability issues. By partnering with national and international institutions, we advance the development of sustainable technologies, policies, and practices that contribute meaningfully to local and global solutions.

Student engagement remains central to our approach. Through involvement in research, sustainability clubs, innovation challenges, and community service, students are empowered to apply their learning beyond the classroom and make real-world impacts. These experiences not only enhance their academic journey but also nurture a lifelong commitment to sustainable development.

Our efforts are closely aligned with key United Nations Sustainable Development Goals (SDGs), particularly SDG 4 (Quality Education), SDG 9 (Industry, Innovation and Infrastructure), and SDG 17 (Partnerships for the Goals). By embedding sustainability into all aspects of university life, KFUEIT is cultivating a culture of responsibility and action that extends far beyond the campus—contributing to a more just, innovative, and sustainable world.





High Tech Lab















Lab Facilities

















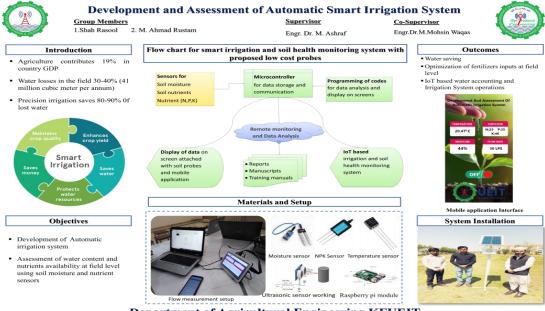






Development and Assessment of IoT Based Smart Irrigation System

Pakistan's agriculture plays an important role in the country economy and it contributes 24.4 % in the GDP. Agriculture in Pakistan is irrigated by the world largest irrigation system, called the Indus Basin Irrigation System (IBIS) which is experiencing shortages of water due to ever increasing water demand and climate change. However, there is potential to save the water using the latest water conservation technologies and improved irrigation methods. IoT is playing a vital role for resource conservation and increasing the irrigation efficiency. For a new agricultural area, without knowing or monitoring the important parameters of the soil, cultivation will be difficult and so the farmers suffer from financial losses. This project aims to develop and application of the flow measurement, automatic weather measurement parameters and soil moisture measurement using IoT based system which is comprised of the soil different sensors, smart computation equipment coupled with solar panels. Coding for flow measurement using sharp crested weir in Raspberry pi and sensors calibration was done in the laboratory. This system will provide real time monitoring and farmers can access to the history of crops and they can see the information saved to cloud on mobile phone as well as laptop. Results show that the accurate flow and moisture measurement can be done using the indigenous technology and saves the water, $R^2 = 0.9987$ (for ultrasonic flow measurement sensor) and $R^2 = 9942$ (for soil moisture sensor). Both values show that sensors are working accurately. By using this technology in agriculture maximum yield can be produced with less effort and farmers can overcome from financial losses.



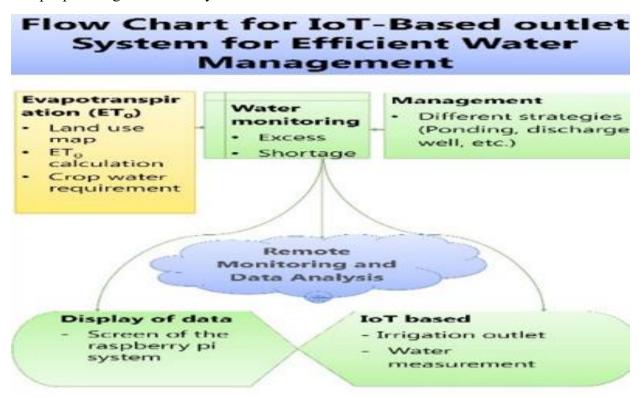
Department of Agricultural Engineering, KFUEIT.

The aim of the project is to develop an IoT based outlet system for efficient water management at watercourse level. The main objectives of this project are to develop an IoT-based irrigation outlet operation system that will enable farmers to remotely control and monitor their irrigation outlets. Provide farmers with real-time data on the status of their irrigation outlets. Allow farmers to control their irrigation outlets remotely. Provide farmers with an easy-to-use interface for controlling and monitoring their irrigation outlets. Technology is growing with the passage of time. Technology





has changed manual work at a fast place throughout the world. People use different types of application to make their work easier. They can be used anywhere in smart phones, tab, laptop, etc. This IoT based irrigation operation will help the People to monitor their irrigation to crops. The people can get maximum yield without the loss of water.







Groundwater Irrigation Advisory







Groundwater is the most important and significant contribution in the food security through the contribution in the No Poverty, Zero Hunger, and Clean Water and Sanitation. KFUEIT is working on the groundwater irrigation advisory services to the farmers to improve the efficiency of the groundwater utilization and its sustainability.

Groundwater Contributes more than 50% in the agriculture production through the unrestricted use. KFUEIT is working on the farmers trainings and advisory services through the smartphone based application.

The sustainability of the aquifer is compulsory for the food security and achieving the goals of No poverty, Zero Hunger and Clean water availability for a longer period of time. Sustainable aquifer is the sustainability of the life.













Workshop on

Mapping of Water and Carbon Fluxes Using Eddy Covariance Flux Tower in Southern Indus Basin

- Movember 14, 2024
- (4:00 pm
- Civil Auditorium

Organized by: International Water Management Institute (IWMI) under NEXUS Gains Initiative and Centre for Water Land and Ecosystems















Workshop on: Smart Irrigation System Design

Trainer:

Engr. Muhammad Owais Director Green Vision

- October 17, 2024
- (12:00 pm
- O Digital & Precision Agriculture Lab

Organized by: Department of Agricultural Engineering

Khawaja Fareed University of Engineering & Information Technology, Rahim Yar Khan







1st Industrial Open House & Career Fair 2025

- may 22, 2025 ©
 - 10:00 am 4:00 pm
- O KFUEIT Community Center

Discover student innovations and connect with leading industry professionals, your gateway to jobs, internships, and collaborations.

Organized by:

Directorate of Career Counseling, External Linkages and Alumni















Orientation and Training of

Departmental Focal Persons of Each One Teach One Initiative

by Prime Minister's Roshan Pakistan - National Literacy Drive

- m April 09, 2025
- 10:30 am
- Admin Meeting Hall

Organized by:

National Commission of Human Development, Ministry of Federal Education & Professional Training in collaboration with Directorate of Student Affairs, KFUEIT

Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan





One day Webinar on

Celebrating Women's Innovations That Are Redefining Science

on International Day of Women and Girls in Science

- February 11, 2025
- (2:00 pm
- Civil Auditorium

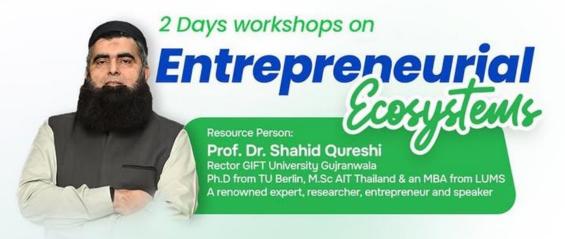
Organized by: Quality Enhancement Cell











February 14-15, 2025

10:00 am - 4:00 pm

O Civil Auditorium

Organized by:
Climate Smart Agriculture Accelerator Programme, KFUEIT GIZ SAR Project, CIBIK-KFUEIT RYK













The delegation from Khwaja Fareed University of Engineering & Information Technology (KFUEIT) proudly participated in <u>Innovative Lyallpur</u> 3.0, held at The University of Faisalabad in collaboration with IEEE.

Led by Dr. Adnan Khalil and Mr. Ahsan Aslam, our talented students showcased their exceptional project in the grand exhibition, standing out among 250+ short listed projects out of 640 from over 32 universities — and clinched the Second Prize!

It's a moment of immense pride and inspiration, reflecting the brilliant minds and innovative spirit at KFUEIT. Just as we continue to lead in sustainability and green energy, it's truly heartening to witness our youth building a brighter, cleaner future through their creativity and commitment.

The Vice Chancellor highly appreciated the students' efforts and the remarkable projects they designed and presented.

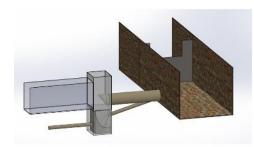
Congratulations to the entire team! You've made KFUEIT shine on a national stage!







IoT-Based Solution for Efficient Irrigation Control



Resource Person:

Engr. Dr. Yasir Niaz

Abdullah Ikram & Ahmed Nouman

may, 2025

Time: 10:00 am

Venue: Digital and Precision Agriculture Lab

Focal Person:

Engr. Dr. Muhammad Mohsin Waqas

Organized by:

Department of Agricultural Engineering, KFUEIT, RYK

Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan

*Join us for an insightful session on "IoT-Based Solution for Efficient Irrigation Control" in the Digital and Precision Agriculture Lab. Learn from Engr. Dr. Yasir Niaz, Abdullah Ikram, and Ahmed Nouman how smart technology is transforming agriculture.

Organized by: Department of Agricultural Engineering, KFUEIT

Focal Person: Engr. Dr. Muhammad Mohsin Waqas*

















1st Industrial Open House & Career Fair 2025

∰ May 22, 2025

(b) 10:00 am - 4:00 pm

KFUEIT Community Center

Discover student innovations and connect with leading industry professionals, your gateway to jobs, internships, and collaborations.

Organized by:

Directorate of Career Counseling, External Linkages and Alumni













Empowering Graduates: KFUEIT's Panel Discussion Lights the Way to Industry Success and a Resilient Rahim Yar Khan Economy

The inspiring panel discussion, "How KFUEIT Graduates Can Benefit from the Industry of Rahim Yar Khan and Build a Resilient Economy," brought together visionary leaders like Prof. Ir. Dr. Amir Azam Khan, Mian Amir Shahbaz, Lt. Col. Zafar Abbas, Mr. Osama Malik, Mr. Omer Javed, Lt. Commander M. Iftikhar Anjum, Mr. Shahzad Jamil, Mr. Syed Hassan Ali, and Engr. Syed Muhammad Usman Aslam—sparking vibrant dialogue and empowering our graduates to shape a brighter, stronger future! This is the moment where innovation meets opportunity and ambition turns into reality.

















10th Final Year Project Exhibition Held at KFUEIT's Institute of Physics

The Institute of Physics at Khwaja Fareed University of Engineering & Information Technology (KFUEIT) successfully hosted its 10th Final Year Project (FYP) Exhibition on Thursday, May 15, 2025, at the Electrical Building. The event showcased the innovative spirit and research-driven mindset of graduating students, who presented impactful projects addressing modern scientific and societal challenges.

The exhibition was inaugurated by Vice Chancellor Prof. Ir. Dr. Amir Azam Khan, who was joined by senior academic leaders. In his welcome address, the Vice Chancellor praised the students' creativity, technical skills, and the relevance of their work to national and global issues. He also emphasized the university's role in fostering research, innovation, and real-world problem solving.

A total of 15 student groups from the Institute of Physics participated, presenting interdisciplinary projects in areas such as Artificial Intelligence, Cyber Security, Data Science, Agriculture, Climate Change, and Environmental Sustainability.

Some of the standout projects included a Solar Water Purification System, a Multi-purpose Autonomous Ground Vehicle (MAGV) with Dual Robotic Manipulators, and an Autonomous Agroinformatics system aimed at smart farming. Other projects addressed modern needs such as A Modern E-menu and Order Confirmation System, AI-powered Real-Time Image and Face Analysis for Security, and the Effective Utilization of Rice Husk for the Construction of Innovative Dining Tables. Students also presented projects like a Sustainable Air Quality Control Framework for Industrial Smoke, an Automatic Solar Panel Cleaner, and Green Guard: an AI-based Trash Collecting System. Further innovations included an AI-based Solar Cell Efficiency Testing Apparatus, a Device to Purify Hazardous Toxic Elements from Industrial Smog, a Smart Dustbin with Wi-Fi Tracking for Safe Waste Management, and an AI-based Generation and Multi-stage Diagnostic Prediction System using Large Language and Vision Models.

Each project reflected a strong blend of scientific knowledge, technological innovation, and commitment to sustainable development — aligning with KFUEIT's vision of producing solution-oriented graduates who contribute meaningfully to society.

Faculty members, students from different departments, and guests from industry attended the exhibition and engaged with student presenters, appreciating the originality and potential impact of their work.

The successful organization of the 10th FYP Exhibition was made possible through the leadership and guidance of Prof. Dr. Murtaza, Dr. Muhammad Sagir, Dr. Bilal Tahir, Dr. Saifu-Rehman, and Dr. Aslam Khan, whose combined efforts ensured the academic excellence and professional conduct of the event.







Khwaja Fareed University of Engineering and Information Technology

KFUEIT is organizing Two days 1st Small Business Ideas Expo 2025 in collaboration with Rahim Yar Khan Chamber of Commerce and Industries On 23rd and 24th April 2025.

Opening ceremony 23rd April 2025, 10am.

Venue: Chamber of Commerce and Industries, Rahim Yar Khan





Food Waste to Protein Production by Using Insects (Black Soldier Fly-Farming in KFUEIT)

Khwaja Fareed University of Engineering and Information Technology (KFUEIT) has embarked on a groundbreaking initiative to tackle food waste management and sustainable protein production through Black Soldier Fly (BSF) farming. Leveraging the BSF's ability to efficiently convert organic food waste into valuable protein sources, KFUEIT aims to reduce environmental burdens while generating a sustainable and nutritious feed. The larvae of BSF consume a wide range of organic materials, including food scraps and agricultural waste, transforming them into nutrient-rich compost and minimizing greenhouse gas emissions. The harvested larvae also serve as a protein-rich feed for animals, lessening the pressure on traditional sources and promoting a circular and sustainable food system. Moreover, the project yields valuable by-products, such as insect frass, which serves as an organic fertilizer, benefitting soil health and crop production. KFUEIT's innovative approach exemplifies its commitment to environmental sustainability and offers a blueprint for other institutions and communities to embrace insect-based solutions for a more resilient and eco-friendly future.





















Innovative Design of Solar Fruit Dryer for Efficiency Enhancement

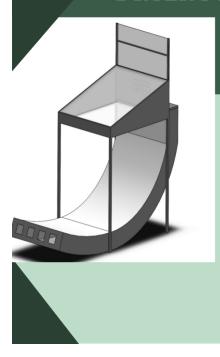
The project aims to develop a novel solar fruit dryer with improved efficiency through uniform heat distribution and concentration. Traditional drying methods result in uneven drying and food spoilage. Our design addresses this by ensuring better heat distribution and uniform drying. Around 40% of global food is wasted, and Pakistan, as an agriculturally rich country, faces challenges in minimizing the demand-supply gap and reducing post-harvest losses. We empower local farmers to preserve and store their produce effectively by providing them with advanced solar fruit dryers. The enhanced heat concentration in our design enables faster drying, allowing farmers to process and store fruits for later use efficiently. This reduces wastage and increases the shelf life of fruits, helping farmers manage harvests and maximize profits. The project promotes value addition in the agricultural sector. Farmers can explore opportunities for processing and marketing dried fruits using solar fruit dryers. This reduces losses, creates income opportunities, and improves market access. In summary, the project aims to develop an innovative solar fruit dryer. By reducing food waste, bridging the demand-supply gap, and empowering local farmers in Pakistan, we enhance food security, increase farmer incomes, and promote sustainable agriculture







INNOVATIVE DESIGN OF SOLAR FRUIT DRYER FOR EFFICIENCY ENHANCEMENT











The project, "Innovative Design of Solar Fruit Dryer for Efficiency Enhancement," focuses on developing a novel solar fruit drying system that aims to improve efficiency and effectiveness. By harnessing solar energy, this innovative design aims to optimize the drying process and contribute to food security, aligning with the goals of No Poverty, Zero Hunger, Responsible Consumption Production, Life on Land

KFUEIT is actively engaged in research and development to advance the field of solar drying technology. As part of this effort, the university is working on the design and development of an innovative solar fruit dryer, focusing on enhancing efficiency and sustainability. The project aims to contribute to KFUEIT's commitment to promoting renewable energy solutions for food processing and preservation.

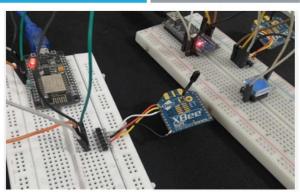




IOT Based Smart Agriculture Monitoring System

"Smart Agriculture Monitoring System: Leveraging IoT for Sustainable Farming" aligns with the United Nations' Sustainable Development Goals (SDGs) by promoting responsible and eco-friendly agricultural practices. By integrating IoT technology, this book addresses SDG 2 - Zero Hunger, by increasing food production and efficiency. Additionally, it contributes to SDG 9 - Industry, Innovation, and Infrastructure, through advancements in agricultural technology. Moreover, the emphasis on sustainable farming supports SDG 12 - Responsible Consumption and Production, ensuring resource conservation. Lastly, the book's focus on empowering farmers globally ties into SDG 17 - Partnerships for the Goals, fostering collaborations to achieve sustainable agricultural development worldwide.





IoT-Based Vehicle Accident Detection and Tracking System using GSM and GPS

The "IoT-Based Vehicle Accident Detection and Tracking System using GSM and GPS" aligns with several United Nations Sustainable Development Goals (SDGs), contributing to safer and more sustainable transportation. By enhancing road safety through accident detection and quick emergency response, the system supports SDG 3 - Good Health and Well-being. Moreover, its ability to facilitate efficient emergency services and reduce accident-related fatalities promotes SDG 9 - Industry, Innovation, and Infrastructure. Additionally, by mitigating road accidents, the system contributes to SDG 11 - Sustainable Cities and Communities, fostering safer and more resilient urban environments.









Mini Portable Rainfall Simulator for Soil Erosion

Rainfall simulators play a vital role in hydrological research and environmental studies by providing controlled and replicable conditions to study the effects of rainfall on various surfaces and ecosystems. In this we present the design, construction, and applications of a mini portable rainfall simulator aimed at addressing the need for a compact and versatile tool in rainfall simulation experiments. The objective of this project was to develop a cost-effective and easily transportable rainfall simulator that could be utilized in various field settings.



LAW MOOT COMPETITION

The KFUEIT Law Moot Court Competition offers law students a valuable chance to enhance their advocacy skills through a comprehensive training program and practice oral arguments before distinguished members of the legal community, fostering competence and adaptability in appellate advocacy.







Conclusion

Khwaja Fareed University of Engineering and Information Technology (KFUEIT) remains deeply committed to advancing sustainability and aligning its efforts with the Sustainable Development Goals (SDGs). This report has illustrated how sustainability is embedded across all dimensions of the university's operations—spanning academic curricula, cutting-edge research, campus infrastructure, and community outreach.

By embracing the SDGs as a guiding framework, KFUEIT is not only confronting the critical challenges of our time but also laying a strong foundation for long-term growth, innovation, and societal impact. The progress documented in this report—across environmental stewardship, social responsibility, economic resilience, and technological advancement—demonstrates the unwavering dedication of our faculty, students, and staff to driving meaningful change.

While we take pride in the milestones achieved, we recognize that the journey toward sustainability is ongoing. Looking ahead, KFUEIT is resolute in its commitment to deepening its sustainability practices, expanding strategic partnerships, and nurturing a culture grounded in innovation, inclusion, and accountability.

Our vision is clear: to build a university that not only achieves its sustainability goals but also serves as a regional and national leader in sustainable development. As we continue this journey, we call upon all stakeholders—students, faculty, staff, collaborators, and community members—to join us in shaping a more equitable, resilient, and environmentally responsible future.

This report is more than a record of accomplishments; it is a shared call to action and a blueprint for the future we are determined to create—together.





Ranking Of KFUEIT

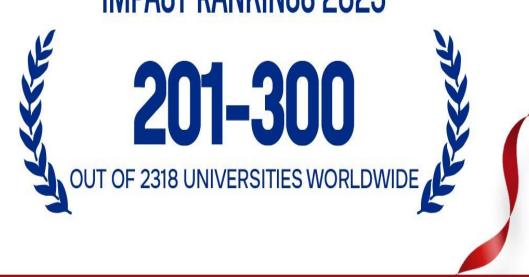






CONGRATULATIONS

TIMES HIGHER EDUCATION IMPACT RANKINGS 2025

















OUT OF 2318 UNIVERSITIES WORLDWIDE

	
SDG 1 : No Poverty	= 101-200
SDG 2 : Zero Hunger	= 101-200
SDG 3: Good Health & Wellbeing	= 401-600
SDG 4 : Quality Education	= 11
SDG 5 : Gender Equality	= 101-200
SDG 6 : Clean Water & Sanitation	= 201-300
SDG 7 : Affordable and Clean Energy	= 72
SDG 8 : Decent Work & Economic Growth	= 401-600
SDG 9 : Industry, Innovation & Infrastructure	= 601-800
SDG 10 : Reduced Inequalities	= 601-800
SDG 11: Sustainable Cities & Communities	= 301-400
SDG 12 : Responsible Consumption & Production	= 201-300
SDG 13 : Climate Action	= 101-200
SDG 14 : Life Below Water	= 301-400
SDG 15 : Life on Land	= 301-400
SDG 16 : Peace, Justice & Strong Institutions	= 601-800
SDG 17 : Partnership for the Goals	= 801-1000





Times Higher Education World University Rankings 2025

National Rank

10/47

Worldwide Rank

801 - 1000









Congratulations QS Asia University Rankings | 2025

KFUEIT RANKED

202
in Southern Asia

661-680 in Asia











Congratulations

KFUEIT Ranked in

Times Higher Education Interdisciplinary Science Rankings 2025

Worldwide Rank

201 - 250

Nationwide Rank

6

Performance Metrics

Interdisciplinary science research funding Number of interdisciplinary science research publications Physical facilities Industry funding

Quality of interdisciplinary science research Reputation