IN PERSPECTIVE

NEWSLETTER JUNE 2024

ANNUAL ENGINEERING INNOVATION 2024 EXPO SHOWCASES FUTURE TALENT

The Faculty of Engineering at Information Technology University proudly hosted the annual Engineering Innovation 2024 Expo, where final year students from the Electrical and Computer Engineering department showcased their impressive capstone projects.
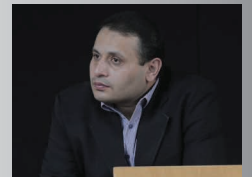
The event, attended by ITU Vice Chancellor Dr. Adnan Noor Mian, Dean of the Faculty of Engineering Dr. Tauseef Tauqeer, industry representatives, chairpersons, faculty members, and numerous students, provided a dynamic platform for exploring emerging technologies and fostering academic-industry collaborations.

Distinguished industrial leaders, including Eric Flachbart (VP, Byokyks), Engineer Mian Sultan (CEO, Creative Group of Industries), Mehroz Pasha (CEMO, Paramount Solutions Pvt. Ltd.), and Syed Obaidullah Hassan Chishti (Team Lead, CureMD), participated in a panel talk at the expo. They engaged directly with students, offering invaluable feedback and creating opportunities for future collaborations and employment.

The event concluded with an awards ceremony recognizing the outstanding achievements of students' capstone projects. Additionally, an interactive student-alumni session was held, strengthening the sense of community and encouraging ongoing connections between current students and graduates.

AWARENESS SESSION ON HUMAN TRAFFICKING AND SMUGGLING AT LINCOLN CORNER LAHORE

Lincoln Corner Lahore recently hosted Maria Franklin, an Overseas Criminal Investigator, for an insightful session on Human Trafficking and Smuggling. The session provided a crucial distinction between human trafficking, which involves exploitation, and smuggling, which pertains to illegal border transportation. With interactive discussions, Maria Franklin highlighted essential safety tips: beware of false promises, never share personal information or travel with strangers, stay vigilant and trust your instincts, and seek help from trusted sources if you or someone you know is affected. The event underscored the importance of awareness and collective action in combating these severe crimes, urging everyone to spread awareness and contribute to creating a safer world.

LC'S ROBOTICS SUMMER CAMP IGNITING YOUNG INNOVATORS WITH HANDS-ON TECH EXPERIENCE!

Lincoln Corner Lahore recently concluded a dynamic 1-month summer camp focused on Robotics, where participants embarked on a journey into the fascinating world of technology and innovation. Throughout the camp, they gained hands-on experience with micro-controllers using Arduino, learned about different sensors, and even explored the capabilities of 3D printing technology. The camp provided an incredible opportunity for young minds to not only understand the technical aspects of robotics but also to unleash their creativity and problem-solving skills. A big shout-out to all our enthusiastic participants for their dedication and curiosity! Together, we're shaping the innovators of tomorrow.

PANEL SEMINAR ON SOCIAL BALANCE IN THE AGE OF AI 2024

The Department of Governance & Global Studies at Information Technology University, in collaboration with the Rippah Institute of Public Policy and the Institute of Research Promotion (IRP), successfully hosted a panel seminar on "Social Balance in the Age of AI." The event brought together experts from industry, government, and academia to discuss the profound impact of AI on social equilibrium. The seminar explored how AI affects social justice and equity, and presented strategies for its effective deployment to promote a fairer society. This critical conversation offered valuable insights into shaping the future of AI and its role in enhancing social balance.

IRP   INFORMATION TECHNOLOGY UNIVERSITY

Online Panel Seminar on
Social Balance In The Age Of AI

ORGANISED BY
Information Technology University,
Rippah Institute of Public Policy
& Institute of Research Promotion
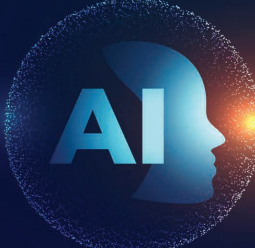
Friday, 28th June, 2024
3:30 - 6:00 PM
Venue: Arfa Software Technology
Park, Ferozepur Road, Lahore

Session 01
AI and Social Balance:
Current Landscape

Welcome by Dr. Rashid Aftab,
Rippah Institute of Public Policy

Moderated by Dr. Abiha Zahra,
Chairperson Department of
Governance & Global Studies, ITU Lahore

Panelists:
- Dr. Mohsen Ali
  ITU Lahore
- Muhammad Rehan
  Aslase AI
- Muhammad Waqas Qureshi
  PITB
- Tahsin Mayeesha
  Design and Inclusion Lab
- Dr. Nova Ahmed
  North South University Bangladesh

Session 02
AI and Social Balance:
The Remedies & Way forward

Moderated by
Mr. Rahmat Ullah, IRP

Panelists:
- Dr. Nadeem Bhatti
  Vice Chancellor, Leads University
- Dr. Faisal Kamran
  CEO ADDO
- Dr. Umair Arif
  The Disrupt Lab
- Dr. Waheed Noor
  University of Balochistan

For registration and entrance- Mr. Khurram; ITU: 0310 419 5810
Registration Link: https://forms.gle/beFdXMCuCBXEQ4wr9

ITU.punjab
www.itu.edu.pk

CONGRATULATIONS TO ITU STUDENTS FOR WINNING TOP HONORS AT ALL PUNJAB UNIVERSITIES INNOVATION EXPO 2023

Heartfelt congratulations to the students of Information Technology University for securing first place with their project, "Visionary Ventures: Smart Indoor Gardening Where Green Meets Tech," at the All Punjab Universities Innovation Expo 2023. Their project, which excelled in the Electrical, Electronics, and Technology category, was awarded during an event graced by then Governor Punjab, Muhammad Baligh Ur Rehman, who served as the chief guest.

In recognition of their achievement, ITU recently held a ceremony where ITU Registrar Mr. Adeel Asghar distributed certificates and prize money to the winning team members: Fahad Ali (BSMT21020), Huzaifa Ahmad (BSMT21048), and M. Hassaan Jalal (BSMT21029). This success underscores the commitment of ITU's School of Business and Management to fostering an entrepreneurial mindset and a culture of innovation among its students. The expo, organized by the Punjab Higher Education Commission (PHEC) at the Expo Center, Lahore, showcased a diverse array of technological innovations and creative solutions from across Punjab.

ITU HIGHLIGHTS FALL 2024 PROGRAMS AT JANG EDUCATION EXPO IN ISLAMABAD

As admissions for Fall 2024 are in full swing, the ITU admissions team recently participated in the Jang Education Expo held in Islamabad. At the event, the team presented a range of academic programs to prospective students and their families. Federal Minister for Information and Broadcasting, Mr. Ata Tarar, visited the expo and engaged with ITU representatives, commending their efforts to offer world-class education to the bright students of Islamabad.

The expo provided visitors with comprehensive information on undergraduate, graduate, and PhD programs, including details on scholarships, career prospects, and faculty profiles. The newly launched degree programs in Software Engineering and Artificial Intelligence attracted significant interest from students, parents, teachers, and the general public

CATCH GLIMPSES FROM ITU AT THE NEWS EDUCATION EXPO IN FAISALABAD

Information Technology University (ITU) made a significant impact at The News Education Expo, organized by the Jang Group, held at its Faisalabad venue. ITU representatives were on hand to assist students and parents, providing detailed information about the ongoing admissions process. The event saw a particular surge of interest in ITU's newly introduced undergraduate programs and the DAS-AI initiative, which is a highlight of the current admissions cycle. The enthusiasm of prospective students reflects the growing recognition of ITU's commitment to cutting-edge education and innovation.

ITU RESEARCHERS PUBLISH PAPER ON NO2 ESTIMATION IN IEEE GEOSCIENCE AND REMOTE SENSING MAGAZINE

Researchers from ITU's Remote Sensing & Spatial Analytics (RSA) Lab have achieved a significant milestone with the publication of their paper titled, "Estimation of Surface-Level NO2 Using Satellite Remote Sensing and Machine Learning: A Review," in the prestigious IEEE Geoscience and Remote Sensing Magazine (GRSM). The paper is authored by Dr. M. Adnan Siddique, Director of RSA Lab; Ehtasham Naseer, an SNSF PhD fellow at RSA Lab; Dr. Muhammad Usama, Associate Professor at FAST, Faisalabad; and Abdul Basit, a PhD fellow at Università di Genova, Italy.

INFORMATION TECHNOLOGY UNIVERSITY

Journal Publication

Estimation of Surface-Level NO2 Using Satellite Remote Sensing and Machine Learning: A Review

Published in *IEEE Geoscience and Remote Sensing Magazine* (Impact Factor 14.6)

Authors:

Dr. M. Adnan Siddique
Director RSA Lab, ITU, Lahore

Ehtasham Naseer
SNSF PhD fellow, RSA Lab, ITU, Lahore

Dr. Muhammad Usama
Associate Professor, FAST, Faisalabad

Abdul Basit
PhD fellow, Università di Genova, Italy

Department of Computer Science

HEC MONITORING TEAM COGNIZANT OF ITU'S RAPID PROGRESS AT BARKI ROAD CAMPUS

The Higher Education Commission (HEC) monitoring team recently visited Information Technology University (ITU) for an onsite review of the ambitious Barki Road campus project. During the visit, the team was given an engaging presentation highlighting the remarkable strides made in constructing state-of-the-art academic buildings, student hostels, and essential campus infrastructure. The campus, already buzzing with activity since 2023, proudly hosts the Faculty of Business & Management Sciences in its newly established Research Center. With internal roads, sports facilities, and a boundary wall taking shape, the project is on an exciting path towards completion by June 2025, promising to redefine ITU's educational landscape.
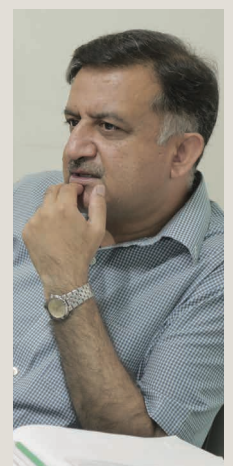
ENGAGING PODCAST WITH DR. ALI JAN ON "SOURCECODE: ALL ABOUT ITU"

Dr. Muhammad Ali Jan, Chairperson of the Department of Economics at Information Technology University, recently featured on the podcast "SourceCode: All About ITU," hosted by RJ Seemal Bilal. The session provided listeners and viewers with an in-depth exploration of the field of Economics, including its scope and the diverse courses offered by ITU's Department of Economics. Dr. Jan offered valuable insights into the importance of Economics in today's world, making it a must-watch and must-listen for those interested in the subject..

WORLD ENVIRONMENT DAY SESSION WITH EHTASHAM NASEER HIGHLIGHTS ITU'S ENVIRONMENTAL INITIATIVES

On World Environment Day, Ehtasham Naseer, a PhD fellow at Information Technology University and IEEE GRSS, led an insightful session discussing ITU's critical environmental projects. These projects focus on pressing issues such as oil spills, glacier monitoring, landslides, and Glacial Lake Outburst Floods (GLOF). Ehtasham also emphasized the urgent actions humanity must take to curb the growing threat of global warming. The session, hosted by RJ Rubah Official, provided valuable perspectives on addressing environmental challenges and protecting our planet's future.

STUDENTS SHARE THEIR ITU EXPERIENCE ON ITU FM 90.4

Umar and Nasir, BS Electrical Engineering students at Information Technology University, recently joined RJ Rubah Official on ITU FM 90.4. During their conversation, they reflected on their final projects presented at the recent Engineering Expo and shared their experiences studying Electrical Engineering at ITU. The session provided a glimpse into their innovative work and offered valuable insights into their academic journey at ITU.

ITU FACULTY MEMBERS DISCUSS THE ROLE OF WOMEN IN ENGINEERING ON "SHAM SE PEHLE"

Ms. Hadia Sajjad and Dr. Tahira Mahboob, esteemed members of the Faculty of Engineering at Information Technology University, recently joined RJ Rubah Official on the show "Sham Se Pehle" aired on ITU FM 90.4. During the session, they discussed the pivotal role of women in the engineering field and shared their experiences as faculty members at ITU. The conversation highlighted the challenges and opportunities for women in engineering, offering inspiring insights into their journeys and contributions to the academic and professional landscape.

JOB OPPORTUNTY: UNDERGRADUATE UROP FELLOWS

Applications are now open for the position of Undergraduate Research Opportunity Program (UROP) Fellows. Interested candidates are encouraged to apply by emailing their applications to

dean.foe@itu.edu.pk.

The deadline for submission is June 12, 2024. Don't miss this opportunity to advance your academic career!

UG RESEARCH OPPORTUNITIES

Applications are invited from UG students for UROP program for Summer and Fall semesters (extendable)

Microwave Devices and Integrated Circuits (MDIC) Lab – FoE

Position	Undergraduate UROP Fellows (02)	Lump-sum: 15,000/- Per Month.
Eligibility Criteria	UROP fellow is required to maintain CGPA of 3.0 with no grade less than "C" in any course. UROP fellow is also required to take regular course load. Unsatisfactory report by the concerned faculty member/research group or the Department Chairperson can lead to discontinuation of UROP fellowship. Semester freeze/deferment/course repeat any time during the degree can lead to disqualification. Terms and Conditions are applicable.	
Experience	Will work on modules involving hardware/software design of RF and wireless system. Having knowledge of PCB design, RF and wireless communication is recommended.	

Application Deadline: 12 June, 2024

1. Please email your resume with CGPA mentioned at dean.foe@itu.edu.pk with the subject line "UROP MDIC". Only applications received online will be considered. Applications submitted through other means will not be considered.
2. Only short-listed candidates will be called for an interview.

INDUSTRIAL VISIT TO CREATIVE GROUP OF COMPANIES PROVIDES ITU STUDENTS WITH VALUABLE ENGINEERING INSIGHTS

The Department of Electrical Engineering at Information Technology University recently organized an insightful industrial visit to the Creative Group of Companies. Led by Dr. Muhammad Qasim Mahmood, Chairperson of the Electrical Engineering Department, the visit offered students a rare opportunity to observe the entire lifecycle of electronics manufacturing—from raw materials to the final assembly of components.

The esteemed faculty members accompanying the students included Dr. Haris Mehmood, Dr. Shahzad, Dr. Hadia Sajjad, Dr. Akash, Dr. Hira, and Ms. Sadia Noreen. This visit proved to be an invaluable real-world experience, motivating students to pursue their engineering passions with renewed enthusiasm. We extend our gratitude to the Creative Group of Companies for hosting us and providing this enriching glimpse into the industry.

CODING SUMMER CAMP 2024:

The Centre for Executive Trainings at Information Technology University is offering an exciting range of three courses under the banner of Summer Camp 2024 that is specially designed for children. These courses include: Scratch For Beginners, Building Blocks of Code: Python for Children, and Robotics For Children.

These courses will be taught by Mr. Sarfraz Raza , he is the CEO of Seed Programming . With over 18 years of experience, he has taught computer science courses at renowned institutions like ITU and FAST-NUCES. As a Teaching Fellow at ITU, Lahore, his primary focus is on robotics, gaming, algorithms design and programming. Passionate about interactive technology, he explores the potential of the metaverse and virtual reality to enhance learning experiences. His students have gone on to excel in the software industry, with many working at leading companies like Facebook, Google, and Microsoft. Summer Camp 2024 provides a unique opportunity to young and enthusiastic children to develop and enhance their knack for fundamental programming concepts, problem-solving skills, exploration in computer science and game development or basic understanding and application of Python or they may opt to develop understanding of basic electronics and circuit control, proficiency in Arduino programming and sensor integration.

INFORMATION TECHNOLOGY UNIVERSITY

10 JUNE 2024
CODING SUMMER CAMP

AGE 7+
Scratch for Beginners
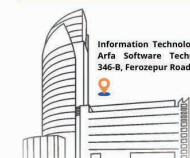09:00 AM - 10:30 AM
11th June, 2024
Mon and Fri

AGE 10+
Building Blocks of Code Python for Children
11:00 AM - 12:30 PM
11th June, 2024
Mon and Fri

AGE 9+
Robotics for Children
10:00 AM - 11:30 AM
12:00 PM - 01:30 PM
10th June, 2024
Tue and Thu

Information Technology University
Arfa Software Technology Park,
346-B, Ferozepur Road, Lahore

Apply Now: https://itu.edu.pk/summer-short-courses

ALUMNI SHARE THEIR REMARKABLE JOURNEY OF STUDYING AT INFORMATION TECHNOLOGY UNIVERSITY 2024

Our proud alumni share their remarkable journey of studying at Information Technology University. Hear first-hand from them how ITU prepared them to become well-rounded individuals and excel in their respective pursuits. We are proud of our alumni and wish them more success! You can also join us through the ongoing Admissions 2024 cycle and make the best of the world-class education we offer.

Muhammad Ashhar
Alumnus
BSEDS 19

As a graduate of Batch '19 from Information Technology University and an alumnus of the Global-UGRAD Spring '22 exchange program at University of Southern Indiana, I have learned a lot during my BS Economics with Data Science program. Currently, I serve as the Chief Information Officer at SMCSE Solutions (Pvt.) Ltd. – leveraging my expertise in economic research & modeling, data science, and business analytics. Additionally, I am the founder and Editor-in-Chief of Effective Thoughts, an open writing platform aimed at creating and sharing research-driven content. For me, the BS-EDS program at ITU showed me the intersection between econometrics and data science – which I plan to pursue, academically and professionally, in the future.

JOIN BSEDS PROGRAM AT ITU!

Huzaifa Sheikh
Alumnus
BSEDS 19

My name is Huzaifa Sheikh, I am from BSEDS class of 2023. I am a director of a startup company named hatzs dimensions and I have been working on this startup since 2019. It's a custom software development house which offers digital and tech services throughout the world.

After my graduation from ITU's BSEDS program, I took my company to new endeavours and now we are dealing with multiple well known international enterprises.

JOIN BSEDS PROGRAM AT ITU!

Ali Abbas
Alumnus
BSEDS 19

My name is Ali Abbas and I am from the pioneering batch of BSEDS. In the last semester of my BSEDS degree I accepted job offer from Baltoro.io to work as a Junior Data Scientist. Currently, I am working as an AI Engineer at SensViz. ITU's Bachelors in Economics with Data Science program is a unique program as it combines streams of data information, data analysis, and data science. Throughout my career, the knowledge and skills gained from during BSEDS program have been particularly beneficial and enabled me to effectively analyze data, extract meaningful insights, and apply machine learning techniques to solve complex problems.

JOIN BSEDS PROGRAM AT ITU!

Muhammad Yausoob
Alumnus
BSEDS 19

As a passionate educator in Astronomy and Science Communication, I chose to stay close to Pakistan's education sector after graduation. My work on the STEAM Pakistan project at Pak Alliance for Math and Science (PAMS) allows me to directly impact public sector classrooms across the country.

My training at ITU, particularly in Economics, emphasized a human approach to problem-solving, which has been invaluable. The BS EDS program provided the perfect blend of professional training and a humble heart to make a difference.

JOIN BSEDS PROGRAM AT ITU!

INFORMATION TECHNOLOGY UNIVERSITY

HAJJ MUBARAK

INFORMATION TECHNOLOGY UNIVERSITY

عيد الاضحى مبارك

Eid-Al-Adha

MUBARAK

A HEARTFELT FAREWELL TO ITU'S GRADUATING CLASS

ITU's graduating class was given a memorable send-off at a farewell party filled with emotion. Fellow students gathered to celebrate their journey from eager learners to confident professionals.

The evening featured live music, heartfelt performances, and a dinner that brought everyone together. Laughter, tears, and nostalgia marked the night as graduates bid goodbye, ready to carry the spirit of ITU into the next chapter of their lives.