

Volume 03 Issue 01

A glimpse into the inner world of Salim Habib University

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WHO ARE WE?

Salim Habib University (SHU) is a not-for-profit institution of higher learning committed to providing quality university education to the Pakistani youth, no matter what their financial constraints.

Established through a charter granted by the Provincial Assembly, Sindh, in 2015, Salim Habib University is supported by The Salim Habib Education Foundation (TSHEF), a not-for-profit organization that focuses on providing the people of Pakistan with safe and easy access to international-standard educational and healthcare facilities. At present, TSHEF's large-scale projects in Pakistan include the Salim Habib Education Complex, Toba Tek Singh, Salim Habib University, Karachi, and its upcoming Fatima Business School.



Dr. Muhammad Salim Habib
Founding Member



Dr. Iram Afaq
Chancellor

Salim Habib University, founded by the dynamic Dr. Muhammad Salim Habib (Founding Member SHU & TSHEF), and the charismatic Dr. Iram Afaq (Chief Executive Officer and Founding Member, TSHEF, Chairperson, Barrett Hodgson Pakistan, and Chancellor, SHU), is located at Korangi Creek, Karachi, and spans over six acres of lush landscaping. It boasts ultra-modern infrastructure featuring a five-story academic block with thirty-three state-of-the-art labs, a uniquely-built four-floor library, and world-class sports facilities.

The University focuses on ensuring that its graduates emerge as well-rounded, competent individuals who harbor the passion to engage in continual learning and have the ability to lead future generations to prosperity.

In this issue, we introduce you to...

PROF. DR. SYED IRFAN HYDER, VICE CHANCELLOR

Dr. Irfan Hyder's impressive credentials include an MS and PhD from the University of Texas, Austin, USA, as well as a BE from NED University of Engineering and Technology, Karachi, and an MBA from the Institute of Business Administration (IBA), Karachi.

With a wealth of academic experience and a strong background in Information Technology, he has held key roles including IT Consultant at Oxford University Press, Director at Software Solutions (Pvt.) Ltd., Deputy Director of Computer Studies at IBA, Vice President & Dean at PAF-KIET, and Rector at the Institute of Business Management (IoBM). He has also served as Vice Chancellor of Ziauddin University.



RESEARCH EXCELLENCE

Salim Habib University strives to foster and cultivate a culture of research and innovation, and our faculty works tirelessly to engage in cutting-edge research across various disciplines. Our commitment to research is evident through state-of-the-art research facilities, dedicated mentorship, and ample opportunities for training and collaborative projects. In recent months:

- The research article authored by our esteemed Computer Science faculty members Lecturer Sidra Nasir, Dean Faculty of Information Technology Prof. Dr. Rizwan Ahmed Khan, and Assistant Professor Dr. Samita Bai, was successfully accepted for publication in the HEC-HJRS categorized W-Gold journal IEEE Access. The article, titled *Ethical Framework for Harnessing the Power of AI in Healthcare and Beyond*, contains an AI framework crafted to accentuate values of transparency, equity, answerability, and a human-centric orientation, along with an in-depth and thorough discussion of the limitations inherent to AI systems.



- Dr. Marriam Yamin, Assistant Professor, Department of Biosciences, Salim Habib University, was invited to participate as a Keynote Speaker and Scientific Session Chair at the 2nd International Conference on Green and Sustainable Environment (ICGSE-2024), held at the Sindh Madressatul Islam University from February 28-29, 2024. Dr. Yamin presented her published article titled *High Hydrostatic Pressure Synergism with Various Physical and Chemical Agents for the Inactivation of Superbugs*, and also shared the research work she has conducted at Salim Habib University on nanotechnology.



- Dr. Affhan Shoaib, Assistant Professor, Department of Biosciences, Salim Habib University, was a Keynote Speaker at the International Symposium on Medicinal Plants and Natural Products, held at the University of Agriculture, Faisalabad, Community College, PARS, from March 7 to 8, 2024. He presented his paper titled *Probiotics play a protective role against the disturbance of the intestinal microbial balance and subsequent aero-gastric infections caused by S. aureus and P. aeruginosa*.



- Assistant Professors of Pharmacy Dr. Ghazala Ishrat and Dr. Farhana Tasleem, and Lecturers Mr. Ali Asgher Shuja, Ms. Farah Ahmed, and Ms. Uroosa Kanwal were also invited as Keynote Speakers at the International Symposium on Medicinal Plants and Natural Products.



- Dr. Afira Waqar, Assistant Professor, Department of Biosciences, Salim Habib University, participated in a training program held at the European Molecular Biology Laboratory, European Bioinformatics Institute (EMBL-EBI), Wellcome Genome Campus, Hinxton, South Cambridgeshire, England, from February 19-23, 2024. Dr. Waqar also presented a poster displaying her research work. The prestigious program had a total of 28 participants from Europe, Africa, America, and Asia, and 14 were trainers who conducted hands-on training sessions as part of the course.



EXPLORING THE DEPTHS OF ARTIFICIAL INTELLIGENCE

Prof. Dr. Rizwan Ahmed Khan, Dean, Faculty of Information Technology, Salim Habib University, delivered a talk titled *AI: A Transformative Agent in Higher Education*, at the 2nd IEMC (Integrating Effective Methodologies in the Classroom) Symposium organized by DHACSS College for Women on Tuesday, February 20, 2024. His talk, which shed light on the pivotal role of Artificial Intelligence (AI) in the future of education, was of immense value to all who attended.



WELCOMING THE INTAKE OF SPRING 2024 ON BOARD

The Orientation for the Freshmen of Spring 2024 took place on Monday, February 26, 2024, at Salim Habib University.

SPREADING OUR MESSAGE

Our Outreach Team participated in a number of educational fairs and expos in the past months with the aim of furthering the University's message of quality education for all to as wide an audience as possible. Some of the events in which we took part as an exhibitor included:

- **Beaconhouse National College Fair**
- **Nixor College's Fair for Universities**
- **The City School's College Fair 2023**
- EDU-CLAN 3.0, held at the University of Modern Sciences, **Indus Medical College**, Tando Adam Khan, and Indus Hotel, Hyderabad
- Build Up University Career Fair, held at **Meritorious College for A Level**



SEMINAR ON SPORTS NUTRITION & ANTI-DOPING AWARENESS

A Seminar on Sports Nutrition & Anti-Doping Awareness was held at Salim Habib University on Monday, January 29, 2024.

The seminar, organized by the Pakistan Sports Board, featured Mr. Muhammad Shahid Islam, Deputy DG Pakistan Sports Board, Mr. Nasrullah Rana, World Athletics Level-II Lecturer, Instructor Pakistan Sports Board, and Owner & Founder, Pakistan Strength & Conditioning Association (PSCA), Mr. Asadullah, International Footballer, who was the Guest of Honor, Mr. Imran, Sports Director, National Coaching Centre (NCC), Mr. Maaz Khan, three-time consecutive SAF Games Gold Medalist and fifteen-time National Champion, Mr. Moed Baloch, international player and Pakistan Record Holder in 400m race, and Mr. Lal Kumar, Cricketer and PCB Regional Coach.

Notably present from Salim Habib University were Dr. M. Hussain Habib, Executive Director Education, Marketing, HR & Admin, Mr. Umer Farooq, Manager Administration & Head of the Sports Society, and Mr. Ahmed Bilal, Sports Officer.



TARIQ AMIN LIBRARY PRESENTS NEW YEAR'S ACCOLADES

Salim Habib University's Tariq Amin Library held a ceremony titled New Year's Accolades to appreciate its top patrons of the year 2023 and their relentless pursuit of knowledge.

The event included the presentation of certificates and expressions of appreciation to these top patrons as well as a Cake Cutting Ceremony conducted by Mr. Tariq Amin, Founding Member of The Salim Habib Education Foundation (TSHEF). Our Honourable Chancellor Dr. Iram Afaq, Chief Executive Officer & Founding Member of The Salim Habib Education Foundation (TSHEF) and Chairperson of Barrett Hodgson Pakistan (Pvt.) Ltd., also graced the event with her presence.



INDUSTRY VISITS TO HERBION NATURALS

Third Year Pharmacognosy students from the Faculty of Pharmacy at Salim Habib University were taken on a series of industrial visits to Herbion Naturals Industrial Plant, with the aim of providing them with knowledge and in-depth understanding of the utilization of phyto/organic extracts in the herbal pharmaceutical industry. These visits, organized by Dr. Farhana Tasleem, Assistant Professor Pharmacy, were a great opportunity for students to experience in real what they study theoretically, and to get some hands-on learning and industry exposure.



The 1st International Conference on Emerging Trends in Biomedical Engineering, Science and Technology (ICETBEST) 2024, organized by the Department of Biomedical Engineering, Salim Habib University, in realization of the vision of the University's Honourable Chancellor and Conference Patron-in-Chief Dr. Iram Afaq and her mission of advancing education, science, and technology in Pakistan, was inaugurated on February 28, 2024.

The Conference Inaugural Ceremony featured addresses by Conference Patron Prof. Dr. Shakeel Ahmed Khan and Dean Faculty of Engineering SHU and Conference Convener Prof. Dr. M. Zeeshan Ul Haque, who highlighted the work the University and its students are doing towards advancements in healthcare and engineering.

Keynote Speeches by Prof. Dr. Syed Athar Enam, Chair, Department of Surgery, Aga Khan University, and Prof. Dr. Stephanie Willerth, Canada Research Chair, Biomedical Engineering, University of Victoria, Canada, also took place, as did a Panel Discussion by Vice Chancellors on Transforming Education in Pakistan. The panelists for this riveting discussion moderated by Prof. Dr. Tariq Rahim Soomro, Acting Rector IoBM, included Prof. Dr. Saeed Quraishi, Vice Chancellor DUHS, Prof. Dr. Johar Ali, Vice Chancellor UIT, Prof. Dr. Vali Uddin, Vice Chancellor SSUET, and Prof. Dr. Zubair A. Sheikh, President MAJU.

The Inaugural also included a talk by the Chief Guest, Prof. Dr. S. M. Tariq Rafi (TI), Chairman Sindh HEC, who emphasized the life-saving wonders of Biomedical Engineering and SHU's incredible contributions in it, and an address by the Guest of Honour Prof. Dr. Farhan Essa Abdullah, President Pakistan US Alumni Network and CEO, Dr. Essa Laboratory & Diagnostic Center. A ceremony was then held to award our esteemed guests with tokens of our appreciation in the form of shields and souvenirs.



The Inaugural Ceremony, attended by dignitaries and personalities of renown from the fields of education, industry, and science all over Pakistan and abroad, as well as Executive Director Education SHU & Executive Advisor ICETBEST Dr. M. Hussain Habib, COO TSHEF & SHU Mr. Muhammad Abbas, Member BoG Mr. Tariq Amin, Registrar SHU Prof. Dr. Kaleem Raza Khan, Deans and Directors from SHU, and faculty members and students of the University's Department of Biomedical Engineering, was followed by the conference proceedings for Day 1, consisting of poster and project displays, and technical sessions.

The day ended on a high note with a hi-tea cruise for conference guests, courtesy of Dr. Farhan Essa. Dr. Iram Afaq, in a message, sent her regards and best wishes for the success of the conference and appreciated the hard work and efforts of the conference organizers.



The second and final day of the conference, attended by dedicated delegates and participants from all over Pakistan as well as abroad, included technical sessions, oral presentations, poster presentations, project demonstrations, keynote speeches, and hands-on workshops, all led by international and national experts.

It also included one-day workshops, namely:

- A hands-on workshop on Building Transformer Models for Training on Time-Series Datasets, conducted by Dr. Mohsin Ahmed Shaikh, Computational Scientist, KAUST Supercomputing Laboratory (KSL), King Abdullah University of Science and Technology, Saudi Arabia
- An HPC/CFD Hands-on Workshop on Cloud, the facilitator for which was Dr. Rooh Khurram, Staff Scientist, KAUST Supercomputer Laboratory (KSL), King Abdullah University of Science and Technology, Saudi Arabia

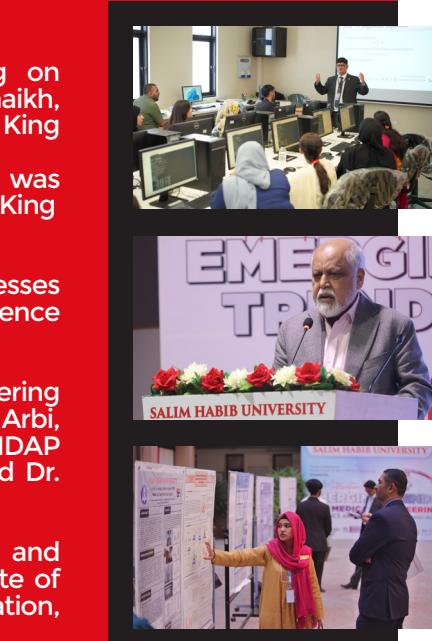
The conference was declared officially closed in a ceremony at which addresses were given by Conference Patron Prof. Dr. Shakeel Ahmed Khan and Conference Secretary Engr. Muhammad Shaheer Mirza.

Chief Guest Engr. Muhammad Najeeb Haroon, Chairman, Pakistan Engineering Council (PEC), also addressed the audience. Guests of Honour Engr. Farooq Arbi, General Secretary IEP Karachi Centre, and Mr. Masood Ahmad, Chairman HDAP and CEO, Hospicare Systems, also gave talks, as did Dr. Rooh Khurram and Dr. Mohsin Ahmed Shaikh.

Following the talks, shields and certificates were awarded to delegates and recipients of the Best Poster, Best Paper, and Best Project awards. The Vote of Thanks was then presented by Dr. M. Hussain Habib, Executive Director Education, Marketing, HR & Admin SHU and Conference Executive Advisor.

ICETBEST was characterized by intellectual discourse and scientific breakthroughs with the potential to change the future of healthcare.

Students Adam Rafiq, Mahnoor Maqsood, and Mudassir Rafiq invited to discuss their project *Hand E-ssist: Therapeutic Robot*, and Zuraiz Baig, Saad Imtiaz, and Saba Fatima invited to speak about their AI-Based Cardiac Waveform Monitor on City@10 with Ramsha Kanwal on City 21 News, along with their project supervisors Dean of Engineering Prof. Dr. Zeeshan ul Haque and Engr. Hassan Ali, following the success of the conference



BIOMEDICAL ENGINEERING PROJECT EXHIBITION

The Department of Biomedical Engineering, Faculty of Engineering, Salim Habib University, held its Final Year Project Exhibition on Monday, January 22, 2024. The showcase featured remarkable projects crafted by our Biomedical Engineering students, leaving the audience in awe of their ingenuity.

Winners included:

 1st Position	Cardiac Waveform Monitor: Machine Learning Based Arrhythmia Detector by Zuraiz Baig, Saba Fatima, and Saad Imtiaz, supervised by Prof. Dr. Zeeshan Ul Haque, Dean, Faculty of Engineering, and Engr. Gul Munir, Lecturer Biomedical Engineering
Hand-e-Ssist: Automated Therapeutic Arm by Adam Rafiq, Mudassir Rafiq, and Mahnoor Maqsood, supervised by Engr. Hassan Ali and Engr. Tooba Khan, both Lecturers Biomedical Engineering	 2nd Position
 3rd Position	Fabrication of Sodium Alginate Microparticles Embedded in PVA Hydrogel for Tissue Regeneration by Amna Feroze, Savaira Noman, and Iqra Hanif, supervised by Mr. M. Wasim Munir, Assistant Professor Biomedical Engineering, and Engr. Abdul Moiz and Engr. Tooba Khan, Lecturers Biomedical Engineering

PROJECT BIOMED 5.0 - WORK PACKAGE 4 STEERING COMMITTEE MEETING

The first meeting of the Steering Committee of Work Package 4, an establishment of the Center of Excellence in Biomedical Engineering under Project BIOMED 5.0, which the SHU Department of Biomedical Engineering has won a grant for, was held at Salim Habib University on Wednesday, January 24, 2024.



BACKPACK TO BRIEFCASE: ALUMNI SUCCESS STORY

In this edition of *SHU World's Backpack to Briefcase: Alumni Success Stories*, we proudly feature Tayyab Ahmed, a Computer Science graduate of the Class of 2023, who is now a Senior Mobile Application Flutter Developer at Sentrax.



SALIM HABIB UNIVERSITY HOSTS DINNER FOR NBEAC'S 11TH DEANS & DIRECTORS CONFERENCE

Salim Habib University was a proud host for the Conference Dinner of the 11th Deans & Directors Conference 2024 of the National Business Education Accreditation Council (NBEAC) of the Higher Education Commission of Pakistan (HEC), for which SHU was also a Gold Sponsor.

Prof. Dr. Shakeel Ahmed Khan presented the Welcome Address at the Conference Dinner, which took place on Monday, February 12, 2024. Chairman NBEAC Dr. Naukhez Sarwar addressed the audience as well, highlighting the importance of bridging the gap between industry and academia for the betterment of education in Pakistan. Mr. Ahtesham Ali Raja, Program Director NBEAC, spoke at the event too, as did Prof. Dr. Tariq Rahim Soomro, Acting Rector, Institute of Business Management, Dr. Mansoor-Uz-Zafar Dawood, Vice Chancellor, ILMA University, and Mr. Usaid-ur-Rehman Usmani, President PAF KIET. Registrar SHU Prof. Dr. Kaleem Raza Khan presented the Vote of Thanks.

The event was attended by Vice Chancellors, Rectors, Deans, and professors from Universities all over Pakistan, as well as dignitaries from the corporate world. Dr. Farooq-e-Azam Cheema, Vice Chairman NBEAC and Provost, Karachi School of Business & Leadership, also graced the event with his presence.

From Salim Habib University, Dr. Muhammad Hussain Habib, Executive Director Education, Marketing, HR & Admin, Mr. Syed Waqar Ul Hasan, Director QEC & Regulatory Affairs, Dr. Shamaila Burney, Head, Career Placement & Industrial Liaison Office (CPILO) and Associate Professor, Business Administration, Dr. Hassan Ahmed, Associate Professor, Business Administration, members of the University's Faculty of Management Sciences and QEC team, and the University management, including Directors and Heads of Departments, and staff also attended.

The dinner event, which included a comprehensive tour of the SHU campus and its facilities for our esteemed guests, was enjoyed by all.

A delegation from Salim Habib University also attended NBEAC-HEC's 11th Deans & Directors Conference 2024, which was held at Pearl Continental Hotel, Karachi, from February 13-14, 2024.



INDUS HOSPITAL & HEALTH NETWORK'S RAMAZAN CAMPAIGN 2024

Dedicated volunteers from Salim Habib University were invited to attend the grand launch ceremony of Indus Hospital & Health Network's Ramazan Campaign 2024, at which their latest TV commercial was also premiered. The ceremony was held on Saturday, February 24, 2024, at Indus Hospital's Korangi Campus. Volunteers also participated in the Ramazan Campaign, conducting awareness and fundraising drives, spreading IHHN's noble message, and doing their best to help the less fortunate.



PHARMACY STUDENT FEATURED ON DAWN NEWS TV

Dawn News TV extended an invitation to Syeda Fatima Zehra, a second-year student from the Faculty of Pharmacy at Salim Habib University, to showcase her impressive talents in the art of calligraphy on their program Chai, Toast aur Host on March 12, 2024.

SALIM HABIB UNIVERSITY INKS AN MOU WITH THE ALL PAKISTAN MEMON FEDERATION (APMF)

Salim Habib University has entered into a Memorandum of Understanding (MoU) with the All Pakistan Memon Federation (APMF) with the aim of providing quality education, professional training, and personal grooming to young Pakistanis, in particular students of the Memon community, as part of our mission of educating the youth of Pakistan.

The MoU Signing Ceremony was presided over by Prof. Dr. Shakeel Ahmed Khan and Mr. Muhammad Shoaib Ibrahim, Chairman APMF Education Board. Dr. M. Hussain Habib, Executive Director Education, Marketing, HR & Admin SHU, Prof. Dr. Kaleem Raza Khan, Registrar SHU, Mr. M. Ilyas Farooq, Vice Chairman APMF Education Board, and Mr. Nauman Rauf Quettawala, Secretary APMF Education Board, also graced the ceremony with their presence.



EDUCATION EXPO KARACHI 2024

Salim Habib University's Career Placement & Industrial Liaison Office (CPILO) was invited to participate in Uni-Corp Career Connect (UCCC), organized by the Department of Public Administration (DPA), University of Karachi, as part of Education Expo Karachi 2024, held from March 4-6, 2024. The expo comprised of a job fair with more than 50 companies on board, as well as groundbreaking HR and Marketing Conferences.

Dr. Shamaila Burney, Head CPILO, was the Lead Moderator for a session on *Marketing in the Age of Digital Disruption* held during the Marketing Conference Marketing Renaissance. Ms. Maliha Khalid, Executive CPILO, was also present.

CAREER COUNSELLING SYMPOSIUM AT MEMON FEDERATION HOUSE

Dr. Muhammad Hussain Habib, Executive Director Education, Marketing, HR & Admin, Salim Habib University, was invited as a panelist for a Panel Discussion on *Diverse Horizons: Navigating Paths in Engineering, Education, Medicine & Technology* at the Career Counselling Symposium organized by the Education Board, All Pakistan Memon Federation (APMF), on Sunday, March 3, 2024. The valuable discussion was an incredible learning experience for all in attendance.



INVESTING IN WOMEN

The Career Placement & Industrial Liaison Office celebrated the University's incredible women on this year's International Women's Day by throwing them a tea party. The party was attended by female faculty members and staff and was greatly enjoyed by all. Each of our amazing women was also presented with gift bags full of goodies and given the chance to win exciting vouchers by participating in fun activities, for which we're thankful to Herbion Naturals, Nescafe Pakistan, Uniferoz (Pvt.) Ltd, 3D Lifestyle, and Embrace Comfort, our sponsors for the event.



Student Council

Student Societies:

- Arts and Literature Society
- Outreach & Public Relations Society
- Sports Society
- Public Speaking Society
- Event Society
- Marketing & Media Society
- Character-Building Society
- CSR Society - Pukaar



Departmental Societies:

- Pharmacy – PharmDeeS
- Computer Science – CS Cube
- Biomedical Engineering – We.M.E.
- Biosciences – BioSoc
- Management Sciences – NexGen Leaders
- IEEE SHU Student Branch (IEEE SHUSB)
- IEEE Engineering in Medicine and Biology Society (EMBS)

EVENTS

The following events and activities also took place from January to March 2024:

PUBG Mobile K2Gamer Pakistan Universities Showdown Qualifier

A Qualifier for the PUBG Mobile K2Gamer Pakistan Universities Showdown 2023-24, which had a prize pool of Rs. 1 million, was held at Salim Habib University on Tuesday, January 16, 2024.

Walk in Solidarity with Kashmir

Salim Habib University marched for the peace and freedom of the people of Kashmir to commemorate Kashmir Solidarity Day, which is observed yearly on February 5. The Solidarity Walk was a powerful demonstration of unity and support for our Kashmiri brothers and sisters, made all the more poignant with heartfelt messages conveyed through an array of placards held up with pride by our faculty and staff.

Inspiration & Motivation Day at Indus Hospital

Enthusiastic student volunteers from Salim Habib University participated in an Inspiration & Motivation Day event held at Indus Hospital & Health Network's Adult Ward on Monday, February 19, 2024. They brightened the day of countless patients by decorating their wards, engaging them in conversations, and distributing Get Well Soon cards handmade with love.

Pakistan Day

On this year's Pakistan Resolution Day, Salim Habib University proudly raised the nation's flag high, renewing our determination to serve our homeland, contribute to its prosperity, and uphold the country's foundational values of faith, unity, and discipline.

Hands-on Workshops on Arduino

The Department of Biomedical Engineering, IEEE SHU Student Branch, and IEEE EMBS (Engineering in Medicine & Biology Society) held a series of Hands-on Workshops on Arduino, from March 20 to April 3, 2024. The three-stage module-based series was conducted by Mirza Areeb Baig, Biomedical Engineering student and Vice Chairman IEEE SHU Student Branch.

We take play as seriously as work!

The Salim Habib University Faculty & Staff Foosball Knockout Tournament and UniStrikers Dabbu Championship took place on Thursday, February 22, 2024. Staff and faculty both participated wholeheartedly, as players as well as spectators, and had a great time showcasing their athletic prowess and cheering on their teams!



OUR PROGRAMS



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