

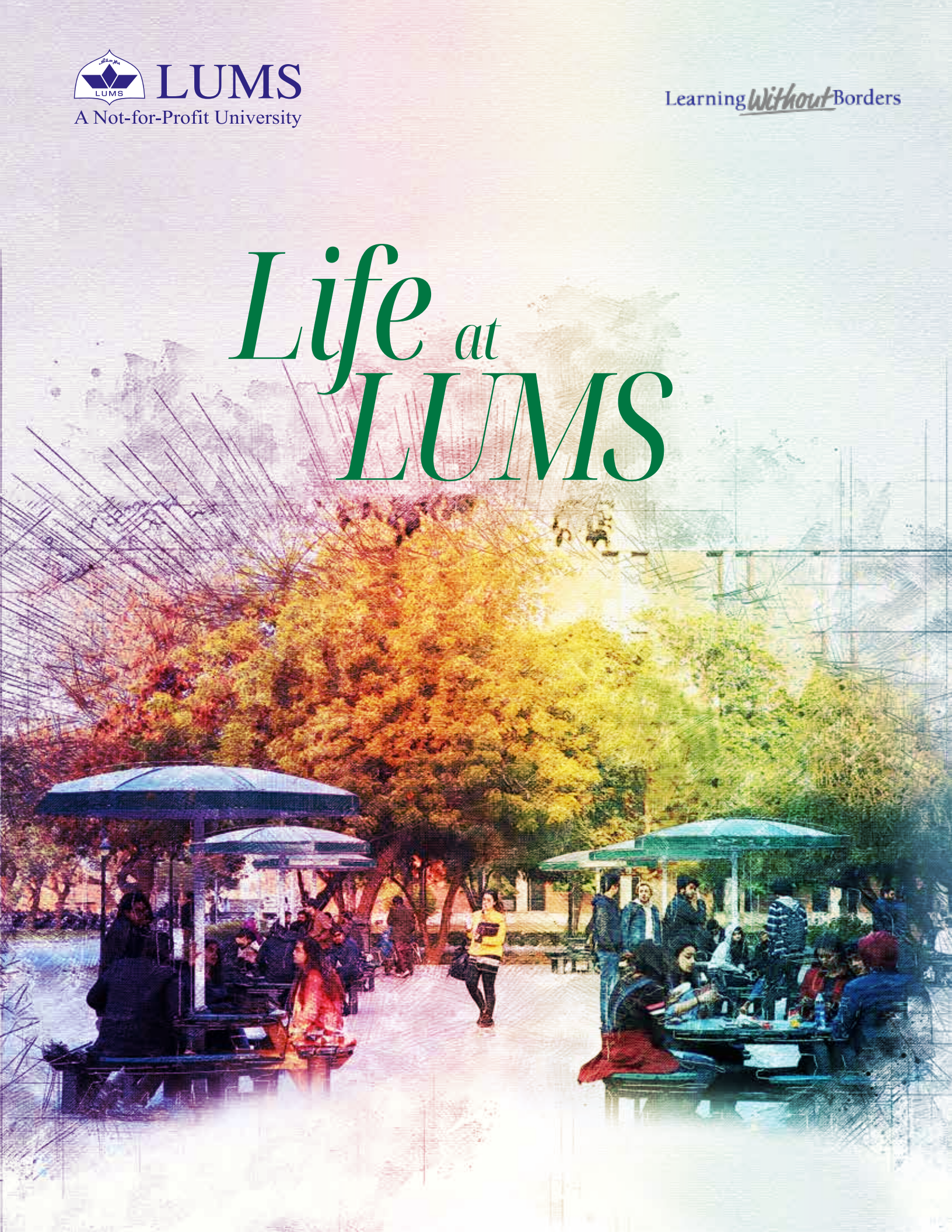


LUMS

A Not-for-Profit University

Learning *Without* Borders

Life at **LUMS**





Welcome to LUMS!

We are excited to present the second edition of *Life at LUMS*.

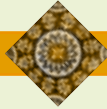
In this issue, we proudly celebrate the accomplishments of our students, alumni and faculty. We also share some of the exciting initiatives underway at LUMS, and how they pave the path for success.

Happy reading!

We would love to hear your feedback and suggestions! Please reach out to us at communications@lums.edu.pk

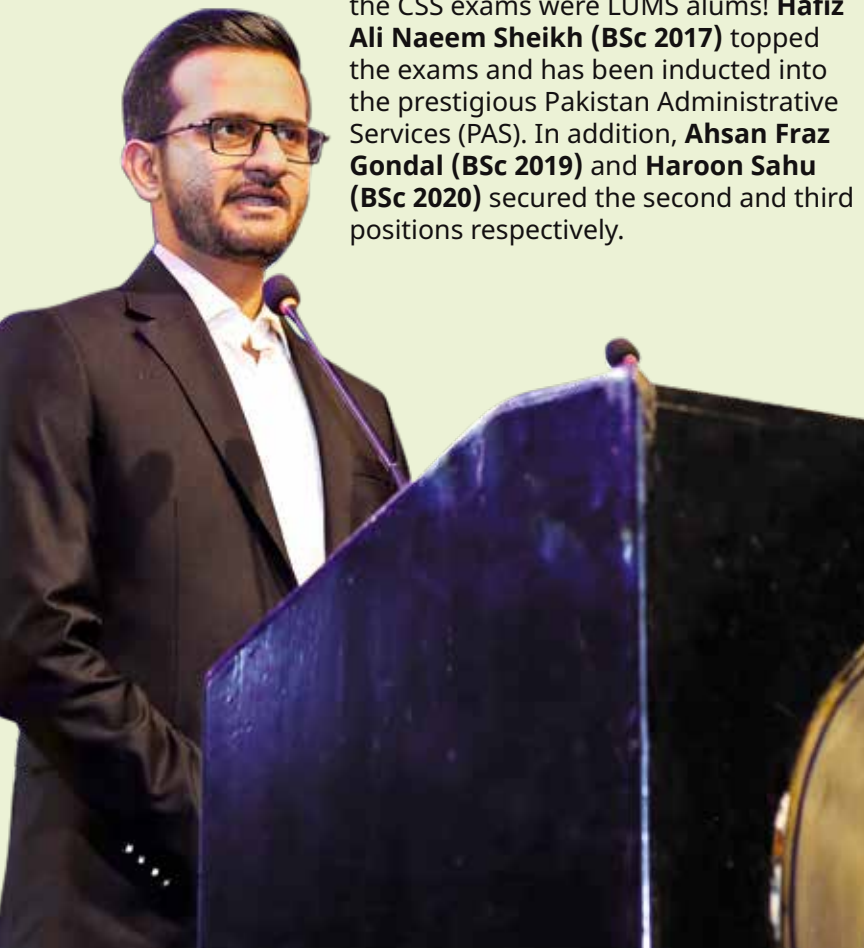


Where can LUMS take you?



...to serve our country

In 2022, the top 3 position holders in the CSS exams were LUMS alums! **Hafiz Ali Naeem Sheikh (BSc 2017)** topped the exams and has been inducted into the prestigious Pakistan Administrative Services (PAS). In addition, **Ahsan Fraz Gondal (BSc 2019)** and **Haroon Sahu (BSc 2020)** secured the second and third positions respectively.



...to develop sustainable solutions



Dr. Marium Rasheed (BS 2017) is the first woman from Pakistan to have been awarded the Atlantic Council Global Energy Center's Women Leaders in Energy and Climate Change Fellowship. Her work emphasises the development of sustainable technology to ensure energy access, security, and justice.

Where can LUMS take you?

...to Oxford as a Rhodes Scholar



Heer Cheema (BA 2022) has been named the 2023 Rhodes Scholar for Pakistan. In the Fall of this year, Heer will begin her graduate studies at the University of Oxford, where she will conduct research on Colonial History, with a focus on South Asia.

...to the upper echelons of scientists



Dr. Haris Aziz (BSc 2003) is a Scientia Associate Professor at the University of New South Wales, and has been honoured by the Association for the Advancement of Artificial Intelligence (AAAI) for his contribution to Game Theory and Artificial Intelligence (AI). He is also listed among the world's top 2% of scientists in a study led by Stanford University researchers and published by PLoS Biology.

...to the Oscars!



Saim Sadiq's (BSc 2014) career has been nothing short of remarkable, as he has represented Pakistan on multiple international platforms over the years. After graduating from LUMS, he obtained a graduate degree in Film Directing from Columbia University. His film *Joyland* was shortlisted by The Academy of Motion Picture Arts and Sciences for the 95th Academy Awards; the first Pakistani film to have made the cut.

...to Public Office



Following a presidential order, **Majnun Mammadov (MBA 2006)** was announced as the new Minister of Agriculture for the Republic of Azerbaijan.

Where can LUMS take you?

...to high civilian honours



Two outstanding alumni have been awarded the *Tamgha-i-Imtiaz*. **Momina Duraid (MBA 1997)**, a well-known name in Pakistan's drama and film industry, and the late **Mansoor Hassan Siddique (MBA 1998)**, who dedicated his career to public service through his work at the State Bank of Pakistan's Financial Monitoring Unit, have been recognised for their exceptional contributions to their fields.

...to the Global Peace Summit



Sachan (BSc 2021) represented Pakistan at the Global Peace Summit 2022. The summit gathers young people from more than 35 countries in Baku to speak about global problems, post-war peace opportunities, and personal peace initiatives. He was the only fully funded delegate from Pakistan.

...to be a standout at Harvard



The team representing LUMS at Harvard National Model UN'23 won the Best Small Delegation Award. The six-member LUMUN team secured 6/6 prestigious awards representing Pakistan at one of the most renowned conferences around the world.

...to lead social change

rizq öii

Three graduates of the Class of 2017, **Huzaifa Ahmad**, **Musa Aamir**, and **Qasim Javaid**, have set up Rizq; a social enterprise dedicated to combat hunger in Pakistan. To date, their initiative has distributed over 9 million meals, and has even been honoured with the Commonwealth Points of Light Award.

Where can LUMS take you?

...to Silicon Valley



Dr. Muneeb Ali (BSc 2003) the co-founder of Stacks, has launched his firm, Hiro, in Silicon Valley. He has also raised USD 150 million to build the largest ecosystem of Bitcoin applications through 'Trust Machines', another entity that he has co-founded.



...to stump gender norms

In a move that will take women in sports to even greater heights in Pakistan, **Tania Mallick (MBA 1991)** has been appointed the new Head of Women's Cricket by the Pakistan Cricket Board.

...to be an award-winning faculty member

Angbeen Atif Mirza (BA-LL.B 2008) is an Assistant Professor at LUMS, and a recipient of the Vice Chancellor's Award for Teaching Excellence. The Award celebrates exceptional and inspirational teachers at LUMS.



...to accomplish your dreams

Dr. Muntazir Abidi (BS 2012) fell in love with science after reading Stephen Hawking's best-selling book. After studying physics at LUMS, he went on to accept a coveted PhD position at Cambridge. There, life came full circle for him, as he was positioned at the Stephen Hawking Centre for Theoretical Physics, where he had the opportunity to meet his hero, Professor Hawkings.

Where can
LUMS take you?

Forbes

UNDER **30**

...to the Forbes
30 Under 30 List



Hamza Ayub (BSc 2015) is an entrepreneur and marketer, and currently the CMO of Dunkin' Switzerland. He runs Dunkin' successfully with innovative marketing by leveraging AI ads, training employees with virtual reality, integrating augmented reality into stores, and creating a cyberpunk-themed store. In 2022, he was selected by Forbes to be featured on their 30 under 30 Europe list.

Muhammad Saad (BS 2015) has been selected for the Forbes 30 under 30 Asia List. Saad is the Co-Founder of BridgeLinx Technologies, a venture-backed, tech-enabled logistics platform, marketplace, and solution provider. Just nine months after its launch, BridgeLinx raised USD 10 million in the largest seed round in Pakistan and is now the largest logistics platform in the country.



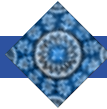
Where can
LUMS take you?

...to the top of the world!

The LUMS Adventure Society plans exciting trips year round! Last September, an enterprising group trekked from Passu village to Batura Glacier.



What sets the LUMS experience apart?

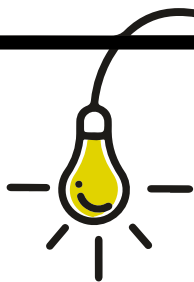


Training students for the real-world



Students in the Driving Seat

LUMS utilises the case method of teaching, a technique that the University pioneered in Pakistan. This approach leads to intelligent debates about real life business situations. This differs from the traditional lecture-based technique and puts the student in an active learning role.



Did you know?



LUMS is a Harvard Business Publishing content partner.



From Classroom to Courtroom!

Modelled after the Lahore High Court, the Moot Court at the Shaikh Ahmad Hassan School of Law at LUMS helps aspiring lawyers obtain real-life training.

Learning by Experimenting

State-of-the-art labs enable students and faculty to engage in impactful research, which is published in top-quality journals.



Drawing Wisdom from Nature

Launched in 2022, the Baltistan Experience is an immersive summer learning programme in scenic Skardu. Over the course of four weeks starting in mid-July, students from LUMS and the University of Baltistan, Skardu come together to take a credited course. Students engage with locals to discover the region's traditions and history, and collaborate on innovative solutions to problems that directly impact local communities.

A safe and healthy environment

A Smoke-free Campus!

We are delighted to announce that LUMS will be a smoke-free campus from December 2023. This initiative reflects the University's commitment towards the health and well-being of students, faculty, staff, and visitors.

Medical and Emergency Care

In addition to a Medical Centre that provides treatment for general ailments for walk-in patients, Emergency Medical Services (EMS) are also available on campus. The University also routinely collaborates with external organisations to offer medical camps and free clinical advice – such as dermatology or eye exam services.

24/7 Campus Security



Our dedicated security team offers round-the-clock monitoring and surveillance to ensure the safety of the entire campus community.



A diverse and inclusive community



LUMS: A Mini Pakistan

Students from 145 cities, towns, and villages across the country call LUMS home! No matter which part of Pakistan a student hails from, or what dialect they speak, their story adds to the vibrant mosaic of our community.

Forwarding Women Education

For thousands of female students across the country, safe and secure on-campus housing plays a key role for them to have access to higher education. The six female hostels on campus contribute to gender equality and inclusion. The newest facility accommodates 500 students and has generously been funded by the Babar Ali Foundation.

Balancing Parenthood and Education

LUMS students who have children can utilise the Daycare on campus. This state-of-the-art facility offers a homegrown curriculum designed by the LUMS School of Education students. It also gives children an opportunity to learn, play and rest in a safe and professionally supervised environment.



Advancing Women in Business



LUMS offers a 50% tuition fee waiver to all women admitted to its graduate programmes at the Suleman Dawood School of Business. This initiative aims to promote gender diversity and produce highly skilled graduates who can lead, transform and create a long-lasting impact in business and society.



This initiative won the 2022 Best of CASE Asia-Pacific Region Award for Leadership: Diversity, Equity, and Inclusion Initiatives: Fostering and advancing women leaders in business.

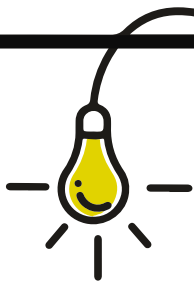
An ecosystem of support

Supporting Mental Health and Wellness

The Counselling and Psychological Services (CAPS) department at LUMS is a free-of-cost campus support service, which aims to strengthen student success by minimising the disruptions caused to learning by mental health issues. Its goal is to enhance the lives of students by increasing resilience by providing high-quality clinical services and assisting them in developing the skills required to function optimally during university and beyond.

Helping Students Navigate Their Academic and Professional Journey

Academic Advising services at the University offer school focused peer-mentoring programmes, and online resources for faculty advisors and students.



Did you know?

The newly-launched Advising website serves as a repository of advising resources for the LUMS community and beyond. To learn more, visit <https://advising.lums.edu.pk/>

A holistic experience

Game, Set, Match!

State-of-the-art sport facilities across campus help students to remain active and fit, while also engaging in some healthy competition on the courts!

Find Your Passion

Student societies at LUMS take students beyond the classroom for an unforgettable university experience. With 45 societies to choose from, students are encouraged to embrace the community spirit and find their niche. From drama, music, dance, sports, politics, photography, or entrepreneurship, there's something for everyone to showcase their talents and pursue their passions.

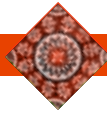


Spend a Summer Abroad and Explore the World!

Students can choose from a diversified list of 50 partner universities and take part in exchange programmes to experience a new culture and broaden their horizons.



At LUMS, Learning Knows No Age!



**If you have the desire to learn,
then there's a place for you.**

Learn at Your Pace, From the Comfort of Your Home

Our digital learning Centre, LUMSx, allows learners from Pakistan (and beyond!) to access high-quality online courses. The expanding list of courses covers domains of teacher's education, language, professional and personal development, data analytics, neuroscience and health and wellness.

To learn more , visit
<https://lumsx.lums.edu.pk/>



Get the Kids Involved!

Through the Centre for Continuing Education Studies at LUMS, the University offers a number of options for younger students. From the Young Learners Programme aimed at children between 9 and 12 years, to the Summer School option for 14 to 18 year olds, there is truly something for everyone!

To learn more, visit <https://summer.lums.edu.pk/summer-school.html>

Solutions: Powered by LUMS!



From revolutionising urban sustainability to advancing food security and preserving cultural heritage, LUMS is at the forefront of impactful research and innovation. Explore how our faculty members are addressing some of the biggest challenges of our time.



Saving Our Cities

Dr. Momin Ayub Uppal, Associate Professor of Electrical Engineering, along with his team, has secured a grant from HEC's Grand Challenge Fund. Their mission? To infuse sustainability into cities using tech innovations and data-driven policies. Addressing Pakistan's urbanisation challenges, this project under LUMS' Center for Urban Informatics, Technology, and Policy (CITY) focuses on data-backed strategies for global urban development.

Finding Solutions to Food Security

Can we counter the impact of climate change on crop production? Dr. Khurram Bashir, Associate Professor, Plant Biotechnology/ Molecular Biology, and researchers in Japan have discovered a simple way. They have found that applying ethanol, an inexpensive chemical, helps protect plants from drought stress and can increase global crop production in water-limited conditions. Their acclaimed study has received world-wide recognition and has been featured by CNN, *The Guardian*, and more.



Preserving Our Heritage

Sikh Virsa Pakistan is a groundbreaking initiative that brings history to life. Led by Dr. Nadhra Shahbaz Khan, Associate Professor of Art and Architectural History, and Dr. Murtaza Taj, Associate Professor of Computer Science, this multidisciplinary project resurrects Sikh artifacts in Lahore Fort's Sikh Gallery through a captivating website. Through this digital archive, the first of its kind in the region, users can take a visual journey through Sikh culture and history via meticulously researched artifacts, 3D models, and immersive virtual tours.



The Sikh Virsa project received the 2022 Times Higher Education (THE) award in the 'Excellence and Innovation in the Arts' category.

Saving the Power Sector Billions

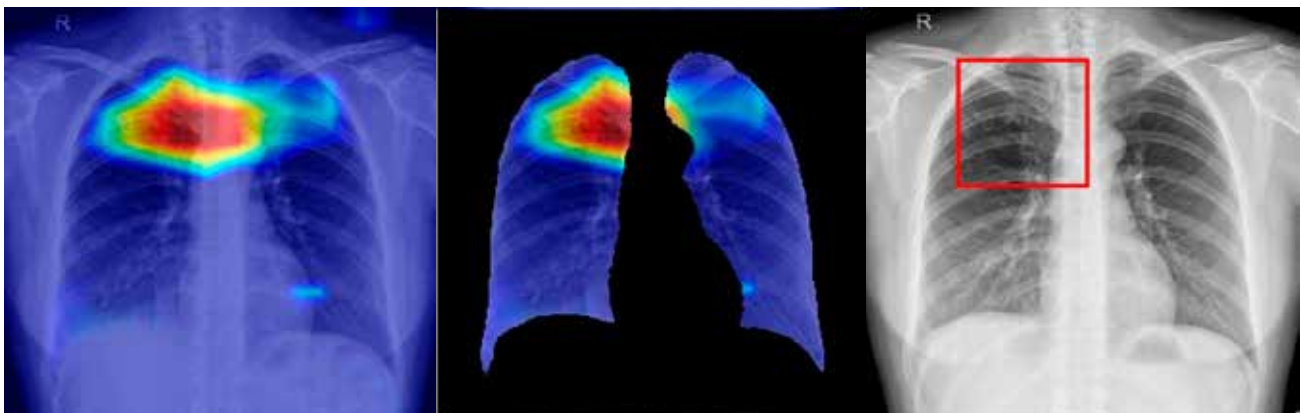
Recognising that ordinary Pakistanis face the brunt of increasing energy costs, the LUMS Energy Institute has developed a simulation tool to forecast demand and supply, and evaluate the technical and financial impact. Based on this, a series of policy reports and recommendations were proposed to the federal government and consequently adopted.

These interventions now guarantee an annual savings in the power sector of USD 1 billion per year for at least the next 10 years.

The LUMS Energy Institute has also developed swappable batteries for three-wheeled rickshaws and motorcycles.



Automating TB Diagnosis Through Artificial Intelligence



Tuberculosis claims approximately 1.6 million lives annually. The Technology for People Initiative at LUMS, in collaboration with University of

California, Davis, has developed a game-changing solution. Their AI-driven technique combines radiological, clinical, and biomarker data for

disease detection. This method eliminates the need for costly tests and has a whopping 94% accuracy.

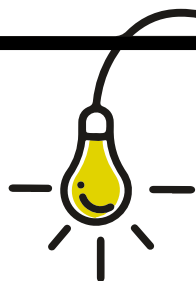
Saving Lives Through Innovative Power Solutions



In Skardu, during the one-of-a-kind programme, 'Learning Without Borders – The Baltistan Experience', a casual conversation with a local revealed that even life-saving procedures come to a standstill in the city due to prolonged power outages. A custom solution has been designed by a team at LUMS, headed by Professor Nauman Zaffar. They designed a low-cost and sustainable alternative using low-voltage lithium batteries. Their solution has meant that lifesaving surgeries are no longer postponed due to lack of power.

Using AI to Help Save Mothers and Children

UNICEF labeled Pakistan the world's riskiest country for newborns in 2018 due to its highest infant mortality rate. LUMS faculty is eagerly working to resolve this issue. Using a technology called a large language model (LLM), Dr. Maryam Mustafa, Assistant Professor of Computer Science, is developing an intuitive AI assistant, named *Awaaz-e-Sehat* (Voice of Health). This tool integrates speech and text recognition, enabling maternal healthcare workers to efficiently generate electronic medical records. Operating in remote Pakistani areas, this innovation minimises paperwork, maximises patient interaction time, and enhances follow-up care data.



Did you know?

An exciting new space on campus is under construction! The Central Building, named the Yusuf H. Shirazi Complex, made possible thanks to the Atlas Group, will serve as a hub of intellectual exchange. The building will be a dynamic hub where the different research centres at LUMS can collaborate and lead the effort towards multidisciplinary research.



From Shakargarh to McGill



The story of Faisal Sattar, and the importance of paying it forward.

Meet Faisal (BA-LL.B 2018), an ambitious LUMS graduate with an extraordinary story. His journey started in Basra Jala, Shakargarh, a remote village in the north-eastern Punjab with only one primary school for boys. This fall, he will begin his LL.M degree at McGill University, where he has been selected from thousands of applicants around the world for the prestigious McCall MacBain scholarship.



About the National Outreach Programme

Now in its 22nd year, the National Outreach Programme (NOP) is our signature initiative to make LUMS accessible to talented students from every corner of Pakistan. The NOP actively seeks out bright students from underserved areas and provides them with full financial assistance that translates into up to 140% support covering full tuition fee, living stipend, books, boarding and lodging for their undergraduate studies at LUMS.



The LUMS NOP was selected from among nearly 300 entries submitted from across the world. It was declared the global winner of the prestigious Council for Advancement and Support of Education (CASE) Platinum Award 2021 in the 'Best Practices in Diversity, Equity, and Inclusion' category.

The Newspaper Ad that Started it All

When Faisal was in ninth grade, his brother saw an advert for the LUMS National Outreach Programme (NOP) in a local publication and cut it out for Faisal. For three years, Faisal slept with that clipping tucked safely under his mattress. It was a reminder to work hard at school. In 2013, his efforts paid off and he was inducted to LUMS through the NOP.



A Message from Faisal

“When you give to LUMS, you may think you are sponsoring just one NOP student. But in fact, you are igniting a cascading impact on a community. Transforming the life of one student has an impact on so many others in that region and changes their lives - personally and professionally.”

Your support could change someone's life. Consider making a gift to LUMS today.

Scan with phone camera to donate



Paying it Forward

“I knew that I was very fortunate to get the opportunity to pursue higher education at a top university, and there are so many other talented individuals who didn't. I wanted to make my success a communal fortune.”

In 2020, Faisal set up a small community school, primarily for girls, in his village, Basra Jala, Shakargarh with a minimal fee model. Nearly 200 students from playgroup to 10th grade are enrolled there. Faisal personally contributes a significant portion of his monthly income towards the school's operating costs, while his family also donate their time and resources.



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