LIAQUAT UNIVERSITY
OF MEDICAL & HEALTH SCIENCES
JAMSHORO

SDG - 4

QUALITY EDUCATION



Overview

As a public-sector university, Liaquat University of Medical & Health Sciences (LUMHS) is committed to ensuring equitable access to quality higher education, irrespective of students' socioeconomic backgrounds and financial circumstances. The University strives to make professional education accessible and affordable by maintaining a relatively modest fee structure while continuously investing in its campus infrastructure, academic facilities, laboratories, libraries, and other essential learning resources to provide a conducive educational environment. Its admission policies emphasize merit and equal opportunity, enabling talented and deserving students to pursue higher education without financial barriers becoming the determining factor. Furthermore, LUMHS supports students through financial assistance initiatives and scholarships to help those facing economic difficulties continue and complete their education. Beyond its enrolled student population, the University extends the benefits of its institutional resources and facilities to disadvantaged and underprivileged segments of the surrounding communities through educational support, access to library resources, health services, awareness programmes, and community outreach initiatives. These efforts reflect LUMHS's commitment to social inclusion, poverty alleviation, educational equity, and the promotion of equal opportunities, contributing to all seventeen SDGs.

LUMHS Contribution to SDG 4: Quality Education

Inclusive and affordable access. As a public institution, LUMHS offers education at a minimum fee structure, helping talented students from diverse economic backgrounds pursue medical and health sciences education. This supports **Target 4.3**, which calls for equal access to affordable and quality technical, vocational, and tertiary education, and **Target 4.5**, which calls for eliminating disparities in education.

Learning infrastructure. The main campus provides the physical and academic facilities that support teaching and learning, enabling students to study in a professional, well-equipped environment. This supports **Target 4.a**, which calls for education facilities that are safe, inclusive, and effective for all learners.

Equity in quality. By keeping fees low without compromising the standard of facilities and teaching, the University ensures that students from less privileged backgrounds receive the same quality of education as their peers. This reflects its commitment to leaving no one behind.

Sustained institutional commitment. The University's investment in campus infrastructure, together with its academic, clinical, and community activities, demonstrates a continuing commitment to educating competent health professionals who serve their communities.

Infrastructure to Support Quality of Education

Computer-Based Examination Center

Liaquat University of Medical and Health Sciences has established a purpose-built, modern Examination Centre. This initiative has been taken to ensure merit-based examinations for the general public, particularly for high-stakes entrance tests.



The Centre is designed to guarantee secure, fair, and transparent administration of all examinations, entrance, routine, and professional. It has revamped the examination mechanism at LUMHS by transforming traditional paper-based tests into computer-based examinations, including written assessments and objective structured formats.

The facility integrates robust physical security, modern IT systems, accessible infrastructure, and strong governance to uphold academic integrity and improve the candidate experience. It reflects the university's strong commitment to providing quality education and equal opportunities to society at large.

Objectives

Provide a single, dedicated facility for all LUMHS examinations to ensure transparency, security, and auditability at every step of the exam lifecycle.

Improve candidate comfort and accessibility while maintaining confidentiality, thereby protecting the right of the general public to secure admission to a reputable public university.

Enable fast, reliable scoring, reporting, and appeals processing.

Key Facilities

Appeals & Review Room: A secure space for post-exam reviews with controlled access to scripts and recordings.

Accessibility Features: Dedicated provisions for candidates with disabilities, including ramps, accessible toilets, adjustable desks, and assistive technology rooms.

IT Infrastructure & Digital Security: Advanced systems to support computer-based testing, secure data storage, and monitoring.

Accessibility, Inclusivity & Candidate Welfare: Quiet rooms and extended-time stations for candidates with approved adjustments.

LUMHS Library Network: Promoting Inclusive Access to Knowledge to LUMHS students, Alumni, and underprivileged schools

Liaquat University of Medical and Health Sciences (LUMHS) maintains a comprehensive network of libraries designed to facilitate students in their pursuit of quality education. Library services are provided **free of cost** to all enrolled students and alumni of the university. The network includes the **Central Library**, a **state-of-the-art new library**, and several **departmental libraries**, all equipped with modern facilities and a rich collection of academic resources.



The **Central Library** has been developed as a **community-oriented knowledge hub**, emphasizing inclusivity and outreach. It is particularly focused on providing access to **children from underprivileged and underserved communities**, helping bridge educational disparities. The initiative ensures that children—regardless of socio-economic background—can access quality learning materials, books, and a supportive environment that nurtures a love for reading and lifelong learning.

LUMHS Shares Library Resources with School Children
















Beauty & the Beast







Establishment of the LUMHS Public School for Underprivileged Children

Location: Main Campus, Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro
Established by: LUMHS
Run by: Teaching faculty, together with student volunteers (SDG Volunteers)

Overview

The LUMHS Public School was set up on the University's main campus to give children from underprivileged families a free, quality education. The idea grew out of a student-led effort: when the Vice Chancellor learned that LUMHS students were teaching a group of street children, he met them and was inspired by their vision of empowering these children through education. He then backed the creation of a purpose-built school building within the campus.

Background

Sindh has the lowest literacy rate of all Pakistan's provinces, and LUMHS is located in a rural, underserved part of it. Recognising this need, students, teaching faculty, and administration worked together to launch the school and expand access to education in the surrounding community.

About the Program

The school aims to help underprivileged children break the cycle of poverty and grow into productive members of society. It educates hundreds of children free of charge, including children of the University's domestic staff and the local community, and provides free books and study packs at the start of every academic year.

Students (SDG Volunteers), faculty, and administration share responsibility for the school. Students encourage street children and families from disadvantaged backgrounds to enrol, and different student groups teach classes through the week.

Facilities and Services

- Purpose-built school building
- Well-equipped classrooms
- Library and resource centre
- Playground and sports facilities
- Free study packs
- Health services, including medical check-ups and vaccinations
- Extracurricular activities

Faculty and Staff

Qualified teachers and trained administrative and support staff run the school, assisted by student volunteer teachers.

Outcomes

- Better academic performance
- Higher school enrolment among local children
- Empowered children and families

Contribution to Sustainable Development

The school reflects LUMHS's commitment to inclusive, equitable, quality education and to serving the community around it. It also shows how the University brings students, faculty, and administration together in the service of sustainable development.

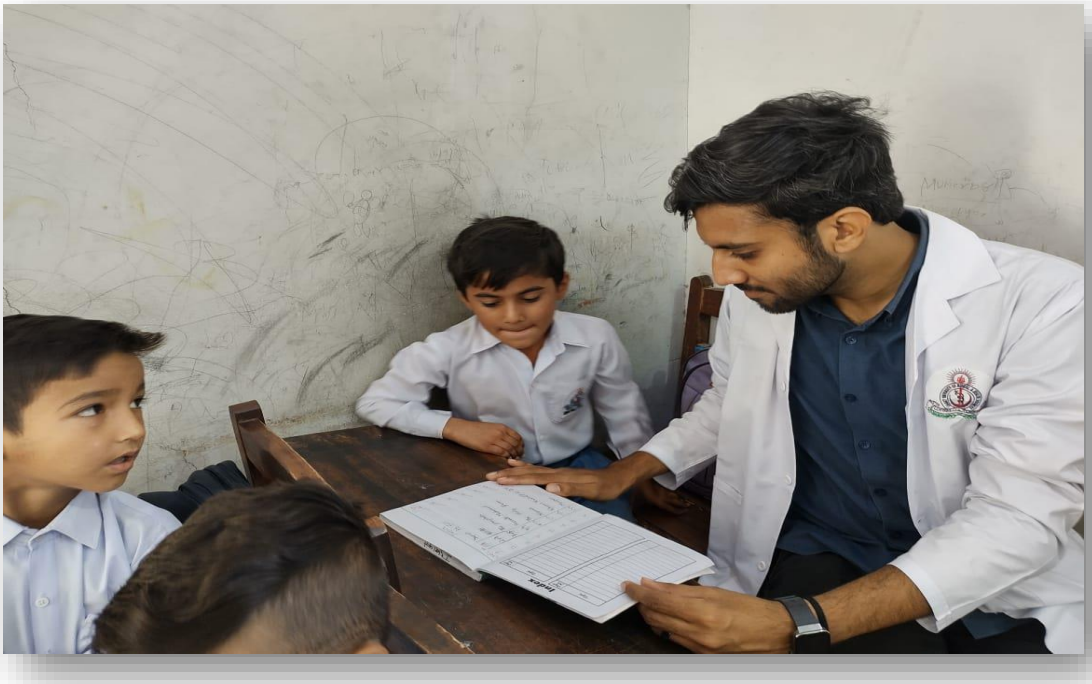






Liaquat University of Medical and Health Sciences is proud of its students who are making significant contributions to education and community service. By spreading their knowledge and expertise to school-level students of the community.



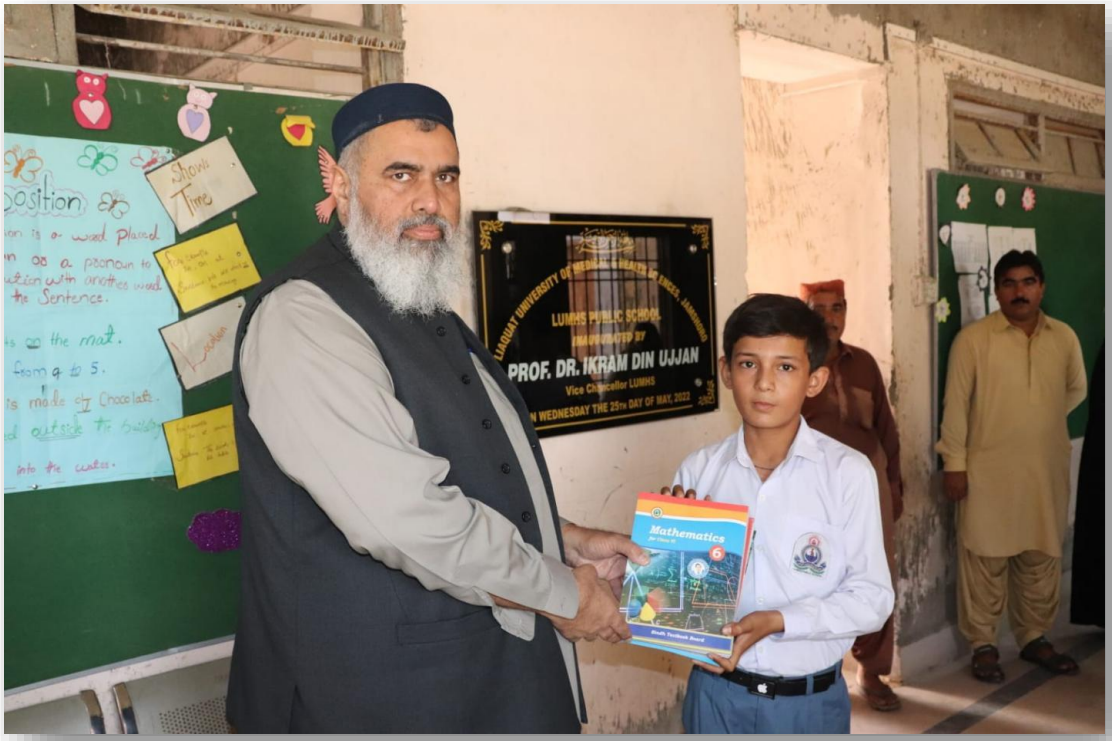


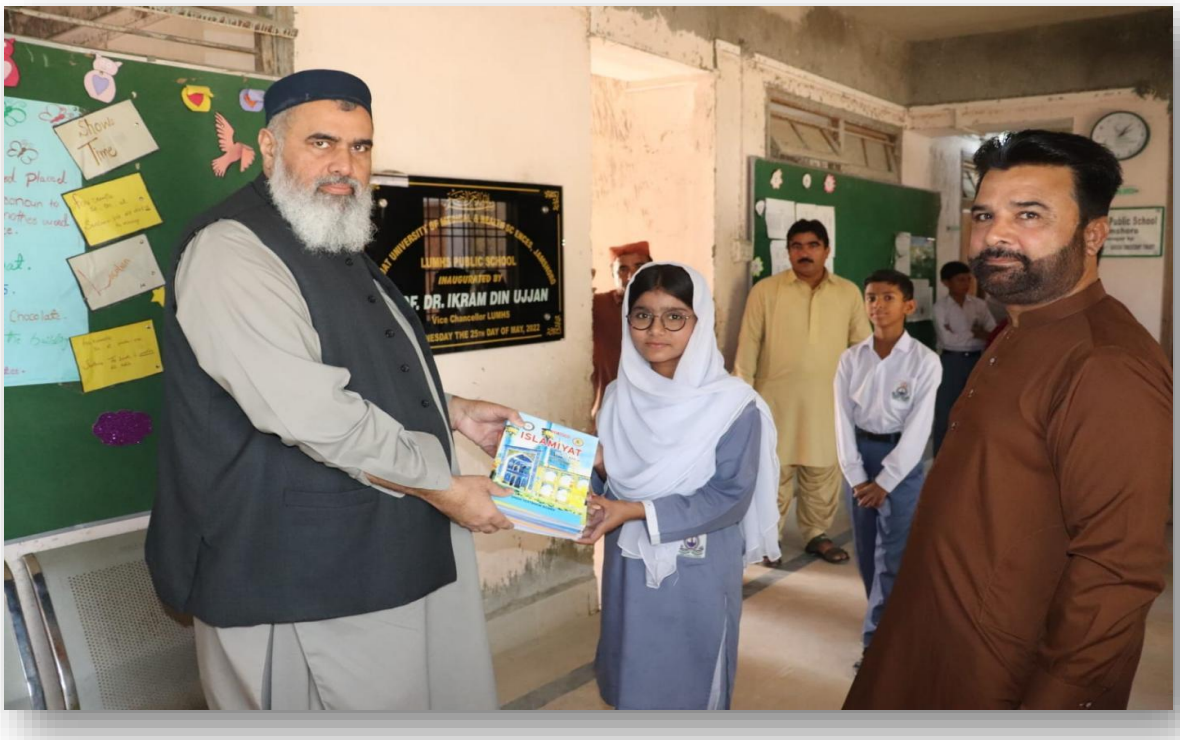


Free books distribution to LUMHS Public school




LUMHS PUBLIC SCHOOL
INAUGURATED BY
PROF. DR. IKRAM DIN UJJAN
Vice Chancellor LUMHS
ENGLISH
Book 7


LUMHS PUBLIC SCHOOL
INAUGURATED BY
PROF. DR. IKRAM DIN UJJAN
Vice Chancellor LUMHS
Mathematics



LUMHS – Global Connect: Promoting International Academic and Clinical Exposure

LUMHS – Global Connect is an international academic mobility initiative of Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, designed to provide undergraduate students with valuable opportunities to gain international academic, clinical, and research exposure through short-term placements at internationally recognized partner universities. The initiative reflects LUMHS's commitment to strengthening the quality of medical education, promoting internationalization, facilitating cross-cultural academic exchange, and preparing future healthcare professionals to meet global standards of education and healthcare delivery.

Through LUMHS-Global Connect, selected full-time undergraduate students are provided opportunities to participate in supervised academic and clinical electives at partner institutions abroad. These placements enable students to experience different healthcare systems, observe international clinical practices, engage in academic discussions, and develop a broader understanding of contemporary medical education, healthcare delivery, and research methodologies.

Joint MPH program with China

Fall 2025 Cohort – Joint International Master of Public Health Programme, jointly offered by Liaquat University of Medical & Health Sciences (LUMHS), Pakistan, and Nanjing Medical University (NMU), China. Programme duration: September 2025 – July 2027.

Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, Pakistan, in collaboration with Nanjing Medical University (NMU), China, offers a Joint International Master of Public Health (MPH) Programme aimed at promoting international academic cooperation, advancing public health education, and developing a new generation of public health professionals equipped to address complex global health challenges.

The programme represents an important milestone in LUMHS's efforts to expand its international academic partnerships and provide postgraduate students with opportunities for cross-border learning, intercultural academic exchange, and exposure to diverse public health systems and practices.

Fall 2025 Cohort

The Fall 2025 cohort commenced in September 2025, with the programme scheduled to continue until July 2027. Through this joint academic initiative, enrolled students benefit from the academic expertise and institutional resources of both partner universities. The programme provides an opportunity to develop advanced knowledge and competencies in public health, epidemiology, health promotion, disease prevention, health systems, research methodologies, and evidence-based public health interventions.

The collaboration also encourages students to understand public health challenges from international and comparative perspectives, particularly the similarities and differences in healthcare systems, population health needs, disease prevention strategies, and public health policies in Pakistan and China.

Student Profiles and International Academic Engagement

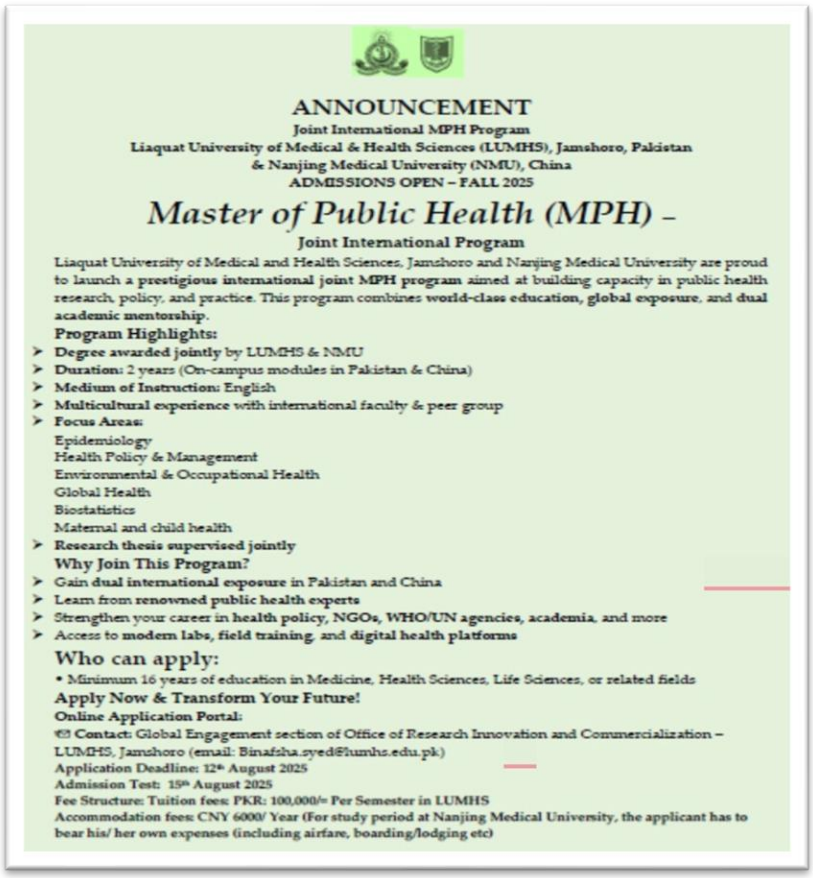
The student profiles of the Fall 2025 cohort highlight LUMHS's commitment to developing postgraduate public health professionals through international academic collaboration. The cohort represents an important component of the university's efforts to promote global learning opportunities, academic mobility, and international exposure in higher education.

By bringing together academic perspectives and educational experiences from Pakistan and China, the programme creates an environment that encourages intercultural understanding, knowledge sharing, collaborative learning, and the development of professional networks. Students are expected to acquire competencies that will enable them to contribute to public health research, policy development, health programme planning, disease prevention, and healthcare improvement in their respective professional settings.

Institutional Significance

The collaboration between LUMHS and Nanjing Medical University demonstrates the university's commitment to internationalizing postgraduate education and strengthening its contribution to global public health development. By establishing joint academic programmes with international universities, LUMHS creates opportunities for students to benefit from shared academic expertise, international perspectives, and collaborative learning environments.

The Joint International MPH Programme is therefore more than a postgraduate qualification; it represents an investment in human resource development, international academic diplomacy, and the advancement of public health knowledge and practice. It reinforces LUMHS's role in preparing skilled public health professionals capable of responding to local, national, and global health priorities.



ANNOUNCEMENT

Joint International MPH Program
Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, Pakistan
& Nanjing Medical University (NMU), China
ADMISSIONS OPEN – FALL 2025

Master of Public Health (MPH) –

Joint International Program

Liaquat University of Medical and Health Sciences, Jamshoro and Nanjing Medical University are proud to launch a **prestigious international joint MPH program** aimed at building capacity in public health research, policy, and practice. This program combines **world-class education, global exposure**, and **dual academic mentorship**.

Program Highlights:

- **Degree awarded jointly** by LUMHS & NMU
- **Duration:** 2 years (On-campus modules in Pakistan & China)
- **Medium of Instruction:** English
- **Multicultural experience** with international faculty & peer group
- **Focus Areas:**
  Epidemiology
  Health Policy & Management
  Environmental & Occupational Health
  Global Health
  Biostatistics
  Maternal and child health
- **Research thesis supervised jointly**

Why Join This Program?

- Gain **dual international exposure** in Pakistan and China
- Learn from **renowned public health experts**
- Strengthen your career in **health policy, NGOs, WHO/UN agencies, academia**, and more
- Access to **modern labs, field training**, and **digital health platforms**

Who can apply:

- Minimum 16 years of education in Medicine, Health Sciences, Life Sciences, or related fields

Apply Now & Transform Your Future!

Online Application Portal:
Contact: Global Engagement section of Office of Research Innovation and Commercialization – LUMHS, Jamshoro (email: Binafsha.syed@lumhs.edu.pk)
Application Deadline: 12th August 2025
Admission Test: 15th August 2025
Fee Structure: Tuition fees: PKR: 100,000/= Per Semester in LUMHS
Accommodation fees: CNY 6000/ Year (For study period at Nanjing Medical University, the applicant has to bear his/ her own expenses (including airfare, boarding/lodging etc)



Photograph



南京医科大学

录 取 通 知 书

Admission Notice (Chinese)

Details

Full name	Mr. Shaheer Ali Mughal
University	Nanjing Medical University
School	School of Public Health
Program	Master of Public Health (taught in English)
Duration	September 2025 – July 2027
Funding	Self-sponsored
Admission Notice	Issued 02 Sep 2025; signed by applicant 10 Sep 2025



NANJING MEDICAL UNIVERSITY

ADMISSION NOTICE

Admission Notice (English)

2. Hamza Ali



Photograph



录 取 通 知 书

Admission Notice (Chinese)

Details

Full name	Mr. Hamza Ali
University	Nanjing Medical University
School	School of Public Health
Program	Master of Public Health (taught in English)
Duration	September 2025 – July 2027
Funding	Self-sponsored
Admission Notice	Issued 02 Sep 2025; signed by applicant 02 Sep 2025



ADMISSION NOTICE

Admission Notice (English)

3. Nigah Imam Syed



Photograph



南京医科大学

国籍：巴基斯坦

申请编号：20250700113

录 取 通 知 书

NIGAH IMAM SYED 女士：

我们高兴地通知你，经审查你的申请材料，我校决定录取你作为硕士研究生，自2025年09月至2027年07月到我校公共卫生学院学习公共卫生硕士，授课语言为英语。

你在我校学习期间的经费办法为：自费

如果你自愿遵守中国的法律、法规和学校的校纪、校规，并接受下述录取附加条件，请你持本《录取通知书》、《外国留学人员来华确认表》（JW202）、《外国人体格检查记录》及血液化验报告（均须原件），前往中国大使馆（领事馆）申请来华学习（X1或X2）签证，并于2025年9月到南京医科大学国际教育学院报到，如因故不能按期报到，必须事先征得我校同意，否则，将视为自动放弃入学资格。

录取附加条件：

□ 在报到注册前，学生须缴清学费、注册费、住宿费；

□ 学生本人在收到录取通知书后，需在"学生本人签名"一栏签字，并发送到Admission邮箱：admission@njmu.edu.cn；

□ 学生本人所提供给学校的信息及材料必须真实无误，如因个人信息错误、失真造成不良后果，责任由学生本人承担；

□ 在华期间，遵守中国的法律、法规，不从事任何危害中国社会秩序，与本人来华学生身份不相符合的活动。遵守学校的校纪校规，尊重学校的教学安排。

学生本人签名：

年 月 日

南京医科大学国际教育学院

2025年09月02日

注意事项：

1.请你一定持来华学习签证（X1或X2）入境。否则，一切后果由本人自负。

2.来华时，请准备10张照片（与本人护照照片一致）。

3.入境后，请立即到学校办理报到手续，并在30天内到当地公安局办理居留手续，逾期所有后果一切由自己承担。

4.如后期办理签证或入境过程中，由于各种原因无法合法入境者，此通知书自动作废。

报到注册信息：

地址：中国江苏省南京市江宁区龙眠大道101号（南京医科大学留学生公寓） 邮政编码：null

联系电话：Master and PHD: +86-25-86868816 传真：+86-25-86869105

电子邮件：intlgradapp@njmu.edu.cn

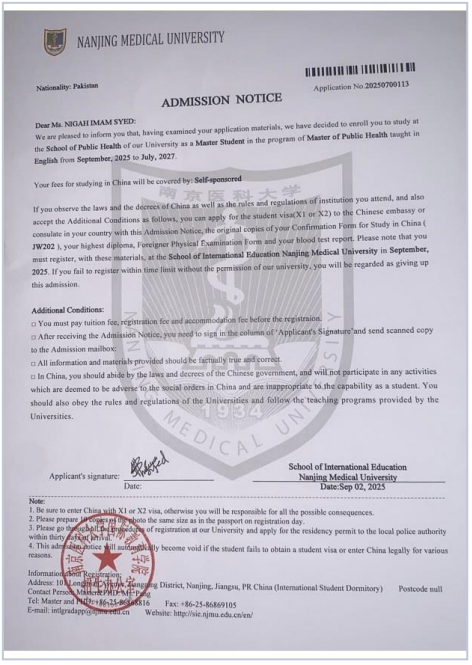
网址：http://sic.njmu.edu.cn/en/

南京医科大学国际教育学院 招生办公室

Admission Notice (Chinese)

Details

Full name	Ms. Nigah Imam Syed
Nationality	Pakistan
University	Nanjing Medical University
School	School of Public Health
Program	Master of Public Health (taught in English)
Duration	September 2025 – July 2027
Admission Notice	Issued 02 Sep 2025



NANJING MEDICAL UNIVERSITY

Nationality: Pakistan

Application No.20250700113

ADMISSION NOTICE

Dear Ms. NIGAH IMAM SYED:

We are pleased to inform you that, having examined your application materials, we have decided to enroll you to study at the School of Public Health of our University as a Master Student in the program of Master of Public Health taught in English from September, 2025 to July, 2027.

Your fees for studying in China will be covered by: Self-sponsored

If you observe the laws and the decrees of China as well as the rules and regulations of institution you attend, and also accept the Additional Conditions as follows, you can apply for the student visa(X1 or X2) to the Chinese embassy or consulate in your country with this Admission Notice, the original copies of your Confirmation Form for Study in China (JW202), your highest diploma, Foreigner Physical Examination Form and your blood test report. Please note that you must register, with these materials, at the School of International Education Nanjing Medical University in September, 2025. If you fail to register within time limit without the permission of our university, you will be regarded as giving up this admission.

Additional Conditions:

□ You must pay tuition fee, registration fee and accommodation fee before the registraion.

□ After receiving the Admission Notice, you need to sign in the column of 'Applicant's Signature' and send scanned copy to the Admission mailbox:

□ All information and materials provided should be factually true and correct.

□ In China, you should abide by the laws and decrees of the Chinese government, and will not participate in any activities which are deemed to be adverse to the social orders in China and are inappropriate to the capability as a student. You should also obey the rules and regulations of the Universities and follow the teaching programs provided by the Universities.

Applicant's signature:

Date:

School of International Education
Nanjing Medical University
Date:Sep 02, 2025

Note:

1. Be sure to enter China with X1 or X2 visa, otherwise you will be responsible for all the possible consequences.
2. Please prepare 10 copies of the photo the same size as in the passport on registration day.
3. Please go through all the procedures of registration at our University and apply for the residency permit to the local police authority within thirty days of arrival.
4. This admission notice will automatically become void if the student fails to obtain a student visa or enter China legally for various reasons.

Information about Registration:

Address: 10 Longmian Road, Jiangning District, Nanjing, Jiangsu, PR China (International Student Dormitory) Postcode null

Contact Person: Master and PHD: +86-25-86868816

Tel: Master and PHD: +86-25-86868816 Fax: +86-25-86869105

E-mail: intlgradapp@njmu.edu.cn Website: http://sic.njmu.edu.cn/en/

Admission Notice (English)

LUMHS Financial Assistance to Students from Economically Disadvantaged Families

Liaquat University of Medical & Health Sciences (LUMHS) demonstrates its commitment to Sustainable Development Goal 4 (SDG 4): Quality Education by providing financial assistance to students from economically disadvantaged families. This support aims to reduce financial barriers to higher education and ensure that deserving students have equitable opportunities to pursue their academic goals, regardless of their socioeconomic background.

Through its financial assistance and student support mechanisms, LUMHS helps eligible students manage educational expenses and continue their studies with greater financial security. This institutional commitment promotes inclusive education, equal opportunities, and social mobility by supporting talented students who may otherwise face difficulties accessing or completing higher education due to financial constraints.

LUMHS's financial support initiatives reflect its dedication to ensuring that economic hardship does not become an obstacle to academic achievement. By investing in students' educational futures, the University contributes to SDG Target 4.3, which promotes equal access to affordable and quality tertiary education, and SDG Target 4.5, which calls for eliminating disparities in education and ensuring equal access for vulnerable groups.

Liaquat University of Medical & Health Sciences (LUMHS) supports students from economically disadvantaged backgrounds through financial assistance and scholarship opportunities designed to promote equitable access to higher education and prevent financial hardship from interrupting academic progress. LUMHS has approved scholarship policy some highlights are given as under:

Key Highlights of the Scholarship Policy

- Financial Support for Deserving Students: Assistance for eligible students from low-income families who face difficulties meeting educational expenses.
- Equal Educational Opportunities: Promoting access to higher education regardless of students' socioeconomic backgrounds.
- Merit and Need-Based Consideration: Supporting eligible students in accordance with the applicable scholarship scheme's criteria.
- Prevention of Financial Barriers: Helping students continue their studies despite financial constraints.
- Transparent Selection Procedures: Assessment of applications according to established eligibility criteria and available funding.
- Inclusive Education: Promoting equitable opportunities for students from disadvantaged backgrounds.
- Educational Continuity: Supporting students in completing their academic programmes and achieving their educational goals.
- Monitoring and Accountability: Maintaining records of scholarship recipients and financial assistance for institutional reporting and quality assurance.

- Non-Discrimination and Equal Opportunity: Scholarships and financial assistance shall be awarded without discrimination on the basis of religion, ethnicity, gender, disability, or any other irrelevant personal or social characteristic, in accordance with the applicable eligibility criteria and university policy.

- Reserved Seats for Students with Disabilities: Dedicated seats shall be reserved for students with disabilities in accordance with the applicable university policy. These seats shall be allocated separately and shall not reduce or adversely affect the entitlement or opportunities of other eligible students.

The approved scholarship policy is available on university website and publicly available







Mega Undergraduate Research Conference for Medical Students (MURC '25)

Hosting Public Academic Events: MURC '25

LUMHS hosts academic and educational events at the university that draw wide participation from beyond its own student body. On 31 August 2025, the university organized the Mega Undergraduate Research Conference for Medical Students (MURC '25), a major research platform that attracted attention from across the country. More than 100 institutions and over 1,000 students took part in the conference and in the pre-conference, workshops were held alongside it.

The event gave undergraduate medical students the opportunity to present their research, interact with peers and experienced academics, and gain exposure to a broader research community. The participation of students and academic stakeholders from many institutions created an environment of knowledge exchange, research learning, and scholarly collaboration.

Objectives of MURC '25

The conference was organized with the following objectives:

- Promote a **culture of research and evidence-based learning** among medical students.
- Provide undergraduate students with opportunities to present and disseminate their research.
- Develop students' research, academic presentation, and scientific communication skills.
- Encourage critical thinking and inquiry-based learning.
- Facilitate interaction between students, faculty members, researchers, and academic experts.
- Provide exposure to contemporary medical research and emerging areas of healthcare.
- Encourage networking and future research collaboration among medical students and institutions.

Student Research and Academic Learning

MURC '25 provided students with an academic platform beyond the conventional classroom and clinical environment. Presenting research requires students to engage with the research process, including identifying research questions, reviewing scientific literature, collecting and interpreting evidence, and communicating findings.

Through participation in the conference, students were able to strengthen their understanding of research methodology and scientific communication while receiving academic feedback from peers and experienced researchers.

Development of Research Skills

A central contribution of MURC '25 was the development of undergraduate research capacity. The conference encouraged students to become active contributors to the academic community rather than limiting their role to recipients of knowledge.

Participation supported the development of skills including:

- Research question formulation
- Scientific literature review
- Research methodology
- Data interpretation
- Critical appraisal of evidence
- Abstract and research presentation
- Scientific communication through poster presentation
- Academic discussion and peer learning

These skills are important for evidence-based medical practice and continued professional learning.

Faculty and Academic Engagement

Faculty members and academic researchers played an important role in supporting the conference and guiding student researchers. Interaction between students and experienced academics provided opportunities for mentorship, constructive feedback, and discussion of research challenges and opportunities.

Such engagement helps strengthen the connection between **teaching, research, and professional development** within medical education.

Institutional Impact

MURC '25 strengthened LUMHS's commitment to developing a **research-oriented culture in undergraduate medical education**. By providing students with a dedicated platform to share research and engage with the wider academic community, the conference contributed to strengthening research capacity and scholarly engagement.

The event also enhanced the visibility of undergraduate medical research and demonstrated the role of LUMHS in creating opportunities for students to participate actively in research and academic discourse.

Conclusion

The **Mega Undergraduate Research Conference for Medical Students (MURC '25)** was an important academic initiative that brought together medical students and academic

stakeholders from across Sindh. The conference provided a platform for student research presentation, knowledge exchange, mentorship, networking, and development of scientific and research skills.





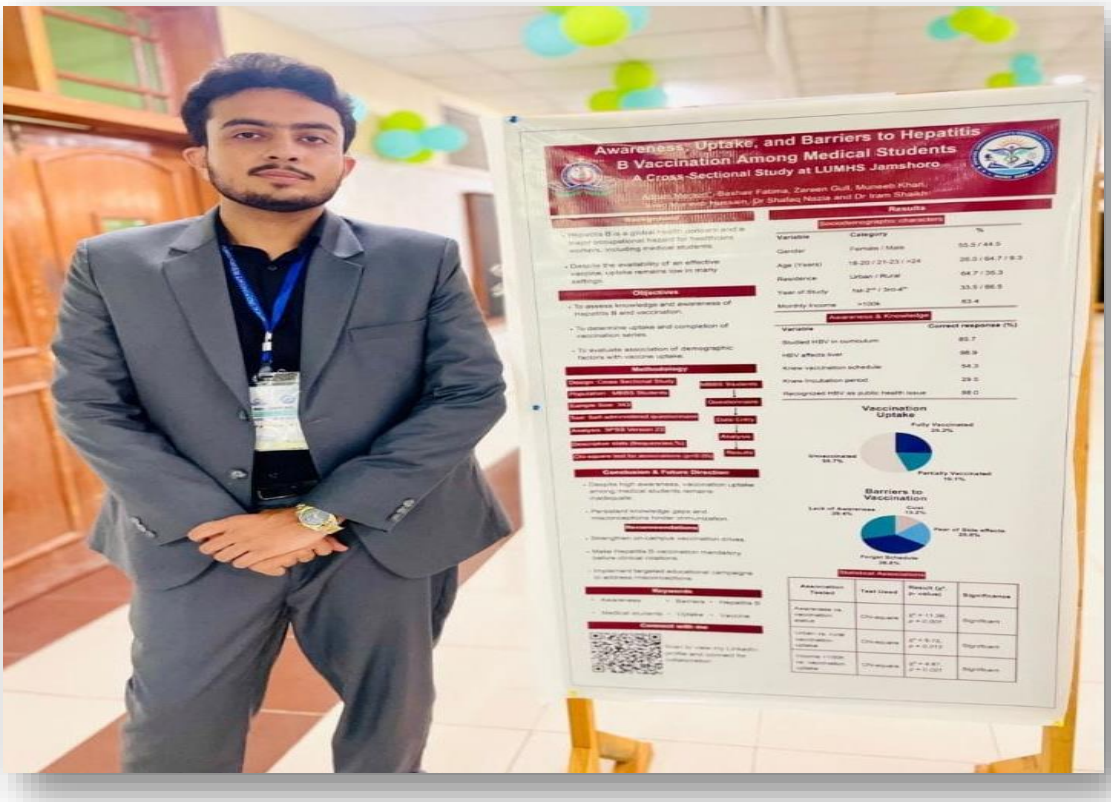


Poster presentation




MURC - LUMHS 2025
MEDICAL UNDERGRADUATE RESEARCH CONFERENCE
WELCOME
TO
ALL PARTICIPANTS
LIAQUAT UNIVERSITY OF
MEDICAL & HEALTH SCIENCES


Staged Damage-Control Approach to Perforated Necrotizing Enterocolitis in an Extremely Low Birth Weight Neonate: A Case Report
BACKGROUND:
OBJECTIVES:
METHODS:
RESULTS:
CONCLUSION:
KEYWORDS:


Awareness, Uptake, and Barriers to Hepatitis B Vaccination Among Medical Students
A Cross-Sectional Study at LUMHS Jamshoro
Results
Vaccination Uptake
Barriers to Vaccination


Poster No: 04
Prevalence and Factors of Malnutrition Among Children Under 5 Years of Age in Gulap Town Malir Karachi-A Hospital Based Survey

Quality Assurance conference and Preconference workshop

Thursday, June 26, 2025

Daily Karach
THE OPINIC

National Conference on Quality Assurance in HEC Held at LUMHS

Top Quality Experts from HEC, JSMU, and Sindh Universities Share Insights on Raising Academic Standards







JAMSHORO: Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, hosted a prestigious National Conference on Quality Assurance in Higher Education at its IT Hall, under the auspices of the Directorate of Quality Assurance, LUMHS.

The event brought together leading educationists, faculty members, quality professionals, and students from across the country to discuss key strategies for enhancing quality in higher education institutions.

Dignitaries and Resource Persons in discussions and keynote speakers threw lights on the subject.

On the occasion of the workshop featured notable resource persons including Dr. Abdul Wahid Usmani, Director QEC, Jinnah Sindh Medical University (JSMU), Karachi, Dr. Saleemuddin Shaikh, Director Quality Assurance, Sindh HEC, Karachi, Dr. Agha Muhammad Raza, Director QAA, Higher Education Commission (HEC), Islamabad, Prof. Altaf Nizamani, Director QEC, University of Sindh, Jamshoro, Prof. Sheeraz Memon, Director QEC, Mehran University of Engineering & Technology (MUET) Jamshoro and others.

Prof. Dr. Ikramuddin Ujjan, Vice Chancellor, LUMHS, while in an address emphasized the importance of quality assurance as a shared responsibility among academic leaders.

He remarked, "Quality assurance is not just a requirement; it is a commitment to the future of our nation.

In a world of rapid change, upholding academic excellence is both a challenge and a necessity."

The conference began with the Recitation of the Holy Quran, followed by the National Anthem. The formal Opening Session included a welcome address by the Director QA, LUMHS, and technical sessions featuring the prominent issues, Prof. Moin Ansari, Dean, Faculty of Medicine & Allied, LUMHS.

While, Manzoor Syed, Director MRC & ORIC, LUMHS, Dr. Abdul Wahid Usmani, JSMU, Dr. Saleemuddin Shaikh, Sindh HEC, Dr. Agha Muhammad Raza, HEC Islamabad participated inactive discussions.


CON'25
NATIONAL CON
4th


NATIONAL CONFERENCE
QUALITY ASSURANCE
IN HIGHER EDUCATION
24th & 25th June, 2025




CON'25
NATIONAL CONFERENCE









4th International Nursing Conference (NRCON 2025)

Liaquat University of Medical & Health Sciences (LUMHS) organized the **4th International Conference (NRCON 2025)** on 29 November 2025, providing an important academic platform for knowledge exchange, scholarly interaction, research dissemination, and professional development.

The conference was held by the worthy **Vice Chancellor, Prof. Dr. Ikram Din Ujjan**, and was attended by students, faculty members, researchers, and eminent scholars from national and international institutions. The participation of diverse academic stakeholders created opportunities for cross-institutional learning, networking, collaboration, and the sharing of contemporary knowledge and research.



4th International Nursing Conference (NRCON 2025)

Knowledge Sharing and Academic Learning

The conference provided students and faculty with opportunities to learn from researchers and scholars beyond their immediate academic environment. Presentations, scholarly discussions, and knowledge-sharing activities exposed participants to current developments, emerging research, and contemporary academic practices.

Enhancement of Research and Scholarly Skills

By providing a platform for dissemination and discussion of research, NRCON 2025 encouraged students and faculty to engage with evidence-based knowledge and develop their research capabilities. Such academic engagement contributes to strengthening research-informed education and lifelong learning.

Student Engagement and Learning Opportunities

The participation of students in an international academic conference provided learning opportunities beyond the conventional classroom. Interaction with national and international scholars enabled students to broaden their academic perspectives, develop professional networks, and gain exposure to current developments in their respective fields.

Faculty Professional Development

Faculty members benefited from interaction with eminent scholars and researchers from different institutions. The conference facilitated professional learning, exchange of academic practices, and exposure to emerging approaches in teaching, research, and scholarly collaboration.

Internationalization of Higher Education

The participation of scholars from international institutions contributed to the internationalization of the learning environment at LUMHS. International academic interaction promotes cross-cultural learning, exchange of expertise, and opportunities for future academic and research collaboration.

Inclusive Academic Environment

The conference brought together students, faculty, researchers, and scholars from diverse academic backgrounds, creating an inclusive platform for dialogue and knowledge exchange. Such opportunities support equitable access to academic and professional learning experiences.

Conclusion

The **4th International Conference (NRCON 2025)** served as a valuable platform for academic learning, research dissemination, professional development, and national and international scholarly interaction. Through the participation of students, faculty, researchers, and eminent scholars, the conference contributed to strengthening the quality and relevance of higher education at LUMHS.




LUMHS TV
media 360
communications
NRCON 2025
4th INTERNATIONAL
NURSING RESEARCH CONFERENCE
















ADMISSIONS
NEURON



LUMHS Alumni Gala: Celebrating Connections and Achievements

Liaquat University of Medical & Health Sciences (LUMHS) organizes its Alumni Gala annually to celebrate the achievements, professional contributions, and lifelong association of its graduates with their alma mater. The event brings together alumni from across Pakistan and different parts of the world, providing an opportunity to reconnect with former classmates, faculty members, and the university community. The Alumni Gala serves as a platform for celebrating the professional accomplishments of LUMHS graduates, strengthening institutional relationships, fostering networking opportunities, and encouraging alumni engagement in the University's academic, research, and community development initiatives. By bringing together its global alumni network, LUMHS reinforces a lasting sense of belonging, institutional pride, and shared responsibility towards the advancement of medical education, healthcare, and society. The initiative also supports SDG 17 (Partnerships for the Goals) by strengthening global networks and institutional collaboration, and SDG 4 (Quality Education) through continued engagement with graduates and the exchange of professional knowledge and experience.





جامشورو : لیاقت یونیورسٹی آف میڈیکل اینڈ ہیلتھ سائنس کی جانب سے ہیلتھ پروفیشنل ایجوکیشن کی سالانہ بین الاقوامی کانفرنس 2025 کے موقع پر وائس چانسلر لمس پروفیسر ڈاکٹر اکرام دین اجن، چیرمین کانفرنس پروفیسر منور عالم انصاری اور دیگر اسٹیج پر موجود ہیں





Continuous Quality: Meaningful program throughout the year

Liaquat University of Medical & Health Sciences (LUMHS) is committed to continuous quality education as a cornerstone of its academic mission. In support of this commitment, the University has established the Department of Medical Education (DME), whose primary objective is to train teaching faculty so that they remain updated with modern teaching strategies and pedagogical practices.

The Department conducts structured capacity-building activities, including workshops, seminars, and faculty development programs, covering areas such as outcome-based education, competency-based curriculum design, active and student-centered learning, innovative assessment methods, and the effective use of educational technology. These initiatives equip faculty with the skills required to deliver relevant, evidence-based, and learner-focused instruction.

By strengthening the professional competence of its teaching staff, LUMHS enhances the quality of teaching and learning, improves student outcomes, and prepares graduates to meet evolving healthcare needs. This approach directly supports SDG 4 (Quality Education), particularly Target 4.3 (equal access to quality tertiary education) and Target 4.c (increasing the supply of qualified teachers through training), and reflects the University's broader commitment to lifelong learning and academic excellence.






LIAQUAT UNIVERSITY OF MEDICAL & HEALTH SCIENCES
MedEd
LUMHS
TOSHIBA

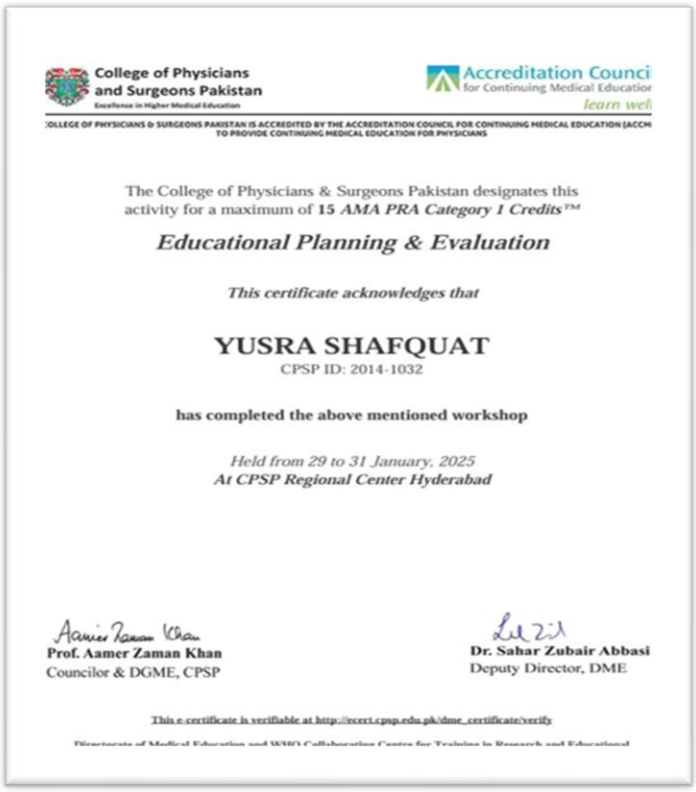


Participation in Workshop on Educational Planning & Evaluation

LUMHS was represented at the three-day workshop on Educational Planning & Evaluation by Dr. Yusra Shafquat, from department of Pathology participated on behalf of the University from 29 to 31 January 2025 at the CPSP Regional Center, Hyderabad. The workshop was organized by the Directorate of Medical Education (DME) of the College of Physicians and Surgeons Pakistan (CPSP), a WHO Collaborating Centre for Training in Research and Educational Development of Health Personnel. Her participation reflects LUMHS's commitment to faculty development and to strengthening the planning, delivery and evaluation of its academic programs in line with recognized medical education standards. The knowledge and skills gained are expected to support curriculum design, assessment practices and continuous quality improvement within the University. On successful completion, she was awarded 15 AMA PRA Category 1 Credits™ (CPSP is accredited by ACCME), and the e-Certificate (No. 286631-231950) was issued on 5 June 2025. This engagement contributes to SDG 4 (Quality Education) and SDG 3 (Good Health and Well-being) by building institutional capacity for the education of a competent health workforce.

Objectives of Participation

- To strengthen faculty competence in curriculum planning and educational evaluation
- To enhance the quality of teaching and assessment at LUMHS
- To build linkages with national bodies engaged in medical education



College of Physicians and Surgeons Pakistan
Excellence in Higher Medical Education

Accreditation Council for Continuing Medical Education
learn well

COLLEGE OF PHYSICIANS & SURGEONS PAKISTAN IS ACCREDITED BY THE ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION (ACCME TO PROVIDE CONTINUING MEDICAL EDUCATION FOR PHYSICIANS

The College of Physicians & Surgeons Pakistan designates this activity for a maximum of **15** ***AMA PRA Category 1 Credits™***

Educational Planning & Evaluation

This certificate acknowledges that

YUSRA SHAFQUAT
CPSP ID: 2014-1032

has completed the above mentioned workshop

Held from 29 to 31 January, 2025
At CPSP Regional Center Hyderabad

Prof. Aamer Zaman Khan
Councilor & DGME, CPSP

Dr. Sahar Zubair Abbasi
Deputy Director, DME

This e certificate is verifiable at http://ecert.cpsp.edu.pk/dme_certificate/verify

Seminar: "In the Age of Artificial Intelligence"

The **Thari Students Alliance (TSA)** organized a seminar titled **"In the Age of Artificial Intelligence"** in Hyderabad on 27 November 2025. The seminar provided an important platform for students to engage with academics and experts on the rapidly evolving role of Artificial Intelligence (AI) in education, research, technology, and future careers.

The event brought together Thari students from different educational institutions, university academics, and members of civil society. It provided participants with an opportunity to discuss emerging technological developments, future academic opportunities, scholarships, research possibilities, and the skills required to participate effectively in an increasingly technology-driven society.

Panel Discussion and Academic Engagement

A major component of the seminar was a panel discussion focusing on the **future of Artificial Intelligence, research opportunities, scholarships, and academic preparedness**.

The session was moderated by **Dr. Gulzar Usman, LUMHS**, and featured distinguished academics including:

- **Prof. Dr. Khanji Harijan**, Dean, Mechanical Engineering, MUET
- **Prof. Dr. Pardeep Kumar**, Chairman, Software Engineering, Quaid-i-Awam

University, Nawabshah
- **Prof. Sujomal Meghwar**, Chairman, Department of Geography, University of Sindh

The discussion addressed technological transformation and the implications of AI for education and research. It also highlighted the importance of preparing students with relevant knowledge and skills to engage with emerging technologies.

Objectives of the Seminar

The seminar aimed to:

- Increase awareness among students about the growing role of Artificial Intelligence.
- Promote understanding of emerging technologies and their applications.
- Encourage students to explore AI-related research and academic opportunities.
- Highlight opportunities for scholarships and further education.
- Encourage academic preparedness for a technology-driven future.
- Connect students with academics and experts from different disciplines.
- Provide a platform for students from underserved backgrounds to engage with wider academic and professional networks.

Contribution to Quality Education

The seminar contributed to **SDG 4: Quality Education** by creating an opportunity for students to access contemporary knowledge outside the conventional classroom environment.

The discussion on AI, research, scholarships, and future academic requirements encouraged students to think about lifelong learning and the acquisition of relevant skills. Exposure to academics from multiple universities also allowed students to learn about diverse educational and research pathways.

The seminar was particularly supported:

- Digital and technological awareness
- Critical thinking
- Research orientation
- Academic preparedness
- Lifelong learning
- Career and higher education awareness
- Interaction with experienced academics

Promoting Educational Inclusion

The participation of a significant number of **Thari students from different educational institutions** gave the seminar an important inclusion dimension.

Providing students from diverse educational and socioeconomic backgrounds with opportunities to interact with university academics and civil society can help broaden access to information about higher education, scholarships, research, and emerging fields.

This aspect of the event is aligned with **SDG 10: Reduced Inequalities**, particularly through the creation of opportunities for students who may have limited exposure to broader academic networks.

Interdisciplinary Learning

The participation of academics from **mechanical engineering, software engineering, and geography** demonstrated the interdisciplinary nature of the discussion.

Artificial Intelligence has applications across numerous academic and professional disciplines. Bringing experts from different fields together enabled students to understand that emerging technologies can influence diverse areas of education, research, society, and professional practice.

Key Learning Outcomes

The seminar provided participating students with opportunities to:

1. Understand the growing significance of Artificial Intelligence.
2. Explore potential AI-related research areas.
3. Learn about the importance of developing future-oriented academic and technological skills.
4. Become more aware of scholarship and higher education opportunities.
5. Interact directly with experienced university academics.
6. Develop broader perspectives on technology and its implications for education and society.
7. Strengthening academic and professional networks.

Conclusion

The seminar **"In the Age of Artificial Intelligence"** provided an important academic and awareness-building platform for Thari students to engage with contemporary technological developments and the changing requirements of higher education and research.

The participation of distinguished academics and students from different institutions facilitated meaningful knowledge exchange on **Artificial Intelligence, research opportunities, scholarships, technological transformation, and academic preparedness**.




intheageofAI
Panel Discussion, Speech & Music



Session on SDGs and Quality of Education: Role of Students in Quality Enhancement

The Directorate of Quality Assurance / Quality Enhancement Cell (QEC), Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, organized a session on "SDGs and Quality of Education: Role of Students in Quality Enhancement" on 27 November 2025.

The session was delivered by Prof Imran Ali Shaikh and Dr Fasiha Shah attended by students from under-resourced Colleges and faculty members. It highlighted the relevance of Sustainable Development Goal 4 (Quality Education) to institutional quality assurance, and the contribution of SDGs 3, 5, 10 and 17 to the learning environment.

Key themes included:

- The student's role as a stakeholder in programme evaluation, feedback and curriculum review
- Participation in quality assurance mechanisms, including course and teacher evaluations and student representation on committees
- Linking student-led initiatives to LUMHS's sustainability and accreditation commitments

The primary objective of the session was to engage students from colleges, particularly those from under-resourced institutions, and to raise their awareness of their role in the enhancement of the quality of education. The session aimed to introduce participants to Sustainable Development Goal 4 (Quality Education) and to encourage them to participate

actively in feedback, evaluation and improvement processes within their institutions. By including students from under-resourced colleges, the Directorate of Quality Assurance / QEC, LUMHS sought to promote inclusive and equitable participation in quality assurance,

and to help students see themselves as partners in building a culture of quality.






Role of Students in Quality
Effective Course Feedback




Quality is not an
act, it is a habit.
Aristotle
BrainyQuote
HOW TO ENHANCE
EDUCATION QUALITY
STUDENTS' PERSPECTIVE
"Collaborative Path to Better Learning"
Aparna Maheshwari (BPT 3rd year)



LUMHS Student Teaching at Primary School

As part of its commitment to community engagement and the promotion of quality education, **Liaquat University of Medical & Health Sciences (LUMHS)** provides support to the primary school in the local community. The initiative provides an opportunity for LUMHS students to actively contribute to the educational development of young learners through structured teaching and learning activities.

Under this initiative, LUMHS students visit the adopted primary school and conduct teaching sessions for school-going children. And students from these schools are also invited to use university facilities such as library resources and sports facilities. The activity provides academic support to the school while enabling LUMHS students to develop practical teaching, communication, leadership, and community-engagement skills.

Objectives

The teaching initiative aims to:

- Support the provision of quality education to children at the adopted primary school.
- Supplement classroom teaching through interactive and student-centred learning activities.
- Improve students' understanding of basic educational concepts and life skills.
- Encourage positive learning habits and regular school participation.
- Provide LUMHS students with practical experience in teaching and community service.
- Strengthen the University's engagement with the local community.

Activity Description

LUMHS students conducted a teaching session at the **primary school**, engaging directly with primary-level students through age-appropriate educational activities.

The sessions included classroom teaching, explanation of basic concepts, interactive discussion, question-and-answer activities, and learning exercises designed according to the students' educational level.

The involvement of LUMHS students created an interactive learning environment and provided primary school students with additional academic support and opportunities for engagement beyond their regular classroom activities.

Community Engagement

The initiative represents LUMHS's commitment to **community-based education and social responsibility**. Through the adoption of the school, the University extends its resources,

students, and expertise to support the educational needs of children in the surrounding community.

The participation of LUMHS students also promotes a culture of volunteerism, service learning, leadership, and social responsibility among university students.

Outcomes

The initiative contributed to:

- Additional academic support for primary school students.
- Increased interaction between university students and school children.
- Development of communication, teaching, leadership, and teamwork skills among LUMHS students.
- Promotion of volunteerism and community service among university students.
- Strengthened LUMHS engagement with the local community.
- Support for the University's contribution to **SDG 4: Quality Education**.







Pre-Conference Workshop: Communication Skills for Effective Counselling (MURC-2025)

OVERALL REPORT

SUSTAINABLE DEVELOPMENT GOAL NO.4

As part of the Medical Undergraduate Research Conference (MURC-2025), the Department of Medicine, Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, organized a pre-conference workshop entitled “Ways to Make Our Graduate an Effective Counsellor: Communication Skills”, aimed at strengthening undergraduate medical students' communication, counselling, and interpersonal competencies essential for effective clinical practice. Recognizing that effective communication is fundamental to quality healthcare, patient safety, ethical medical practice, and the development of trust between healthcare professionals, patients, and their families, the workshop focused on equipping future medical graduates with practical skills to communicate clearly, sensitively, and professionally in diverse clinical situations. The facilitated sessions addressed important aspects of patient-centered communication, including ethical principles in patient interaction, breaking bad news, explaining medical investigations to patients, managing difficult patients, anger management, and effective time management. Interactive role-play exercises provided students with opportunities to practice communication techniques, experience challenging clinical scenarios, and develop confidence in handling sensitive patient encounters. The workshop was conducted under the patronage of Prof. Dr. Ikram Din Ujjan, Vice Chancellor, LUMHS, as Chief Guest, with Prof. Dr. Moin Ahmed Ansari, Dean, Faculty of Medicine and Allied Sciences, as Guest of Honour, while Prof. Dr. Manzoor Lakhair served as Chairman of the Conference. The activity was organized by Prof. Dr. Syed M. Iqbal Shah, Chairman, Department of Medicine, and facilitated by Dr. Aslam Rind, Associate Professor of Medicine. Through this capacity-building initiative, participating students enhanced their understanding and practical application of essential counselling and communication skills, particularly in delivering difficult information, responding to patients' emotional needs, and managing challenging clinical interactions. The workshop reflects LUMHS's commitment to holistic medical education that extends beyond theoretical and technical knowledge to include empathy, professionalism, ethical conduct, and effective patient engagement. It directly contributes to SDG 4 (Quality Education) by promoting practical, competency-based learning and strengthening the professional development of future healthcare graduates, while supporting SDG 3 (Good Health and Well-being) through the preparation of compassionate healthcare professionals capable of improving patient experiences, communication, and quality of care.


MURC-2025
WAYS TO MAKE OUR GRANDUATE AN EFFCTIV
COUNSELLOE: COMMUNICATION SKILLS
WORKSHOP FACILITATOR
CHIEF GUEST :
PROF. DR. IKRAM DIN UJJAN
WORTHY VICE CHANCELLOR
GUEST OF HONOR:
PROF. DR. MOIN AHMED ANSARI
DEAN-MEDICINE & ALLIED SCIENCES
PROF. DR. MANZOOR LAKHAIR
CHAIRMAN CONFERENCE





Urology Conference (HUC25)

. Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, hosted the 2nd Hyderabad Urology Conference (HUC25) from 17–19 April 2025, in collaboration with the Pakistan Association of Urological Surgeons (PAUS), Hyderabad Chapter, providing an important academic and professional platform for advancing urological education, clinical expertise, and surgical practice in Pakistan. The conference primarily focused on the advancement of reconstructive urology, bringing together urologists, surgeons, postgraduate trainees, medical students, and other healthcare professionals for scientific discussions, expert-led presentations, clinical learning, and professional exchange. The event aimed to enhance participants' knowledge of contemporary developments in urology, promote the adoption of advanced surgical techniques, and strengthen clinical competencies in the diagnosis and management of complex urological conditions. It also provided opportunities for continuing professional development, enabling specialists and trainees to exchange clinical experiences, discuss emerging evidence, share best practices, and explore innovative approaches to patient management. Through scientific sessions and interaction with experienced professionals and visiting faculty, the conference encouraged knowledge transfer, interdisciplinary learning, and the dissemination of evidence-based clinical practices. Furthermore, the collaboration between LUMHS and PAUS demonstrated the importance of partnerships between academic institutions and professional medical associations in strengthening specialist education,

promoting research, and improving healthcare standards. By hosting this scientific gathering, LUMHS reinforced its role as a center for postgraduate medical education, specialist training, and professional development while contributing to the advancement of urological services in the country. The conference directly supports SDG 3 (Good Health and Well-being) through the promotion of improved clinical knowledge and quality healthcare, SDG 4 (Quality Education) through continuing medical education and professional capacity development, and SDG 17 (Partnerships for the Goals) through institutional collaboration and professional engagement with national and international medical experts.

Outcome

The conference gave specialists and trainees access to advanced training in reconstructive urology, strengthened ties between LUMHS and the national urology community, and confirmed the university as a host of national-level scientific events.




2nd


HUC25
17-19 APRIL, 2025
LUMHS, JAMSHORO
HYDERABAD CHAPTER

Basic Life Support (BLS) Training

Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, organised a two-day training programme entitled “Pulse Point (Basic Life Support – BLS)” on 15–16 April 2025, in collaboration with the Emergency Department of Liaquat University Hospital, with the aim of equipping students with essential knowledge and practical skills to respond effectively to life-threatening medical emergencies. Recognising that timely and appropriate first response during emergencies such as cardiac arrest, choking, burns, and other critical situations can significantly improve survival outcomes and prevent further complications, the programme focused on developing participants' capacity to recognise emergencies, respond promptly, and provide basic life-saving assistance until professional medical help becomes available. The training was designed to promote practical emergency preparedness among students from diverse academic disciplines and was deliberately extended to students from medical colleges outside LUMHS, reflecting the university's commitment to sharing its educational resources and extending capacity-building opportunities beyond its own student community. A total of 60 students participated in the programme, with 30 students trained each day. Through this initiative, LUMHS promoted awareness of basic emergency response, encouraged a culture of preparedness and social responsibility, and helped develop a wider network of individuals capable of providing immediate assistance during medical emergencies. The collaboration with Liaquat University Hospital further strengthened the practical and clinical relevance of the training by connecting academic learning with real-world emergency care practices. This initiative directly contributes to SDG 3 (Good Health and Well-being) by promoting life-saving knowledge and strengthening community emergency response capacity, while supporting SDG 4 (Quality Education) through practical, skills-based learning and extending educational opportunities to students from other institutions.

Objectives

- To train students from diverse disciplines and institutions in core life-saving skills
- To build confidence in responding to medical emergencies
- To widen access to BLS training beyond LUMHS by including students from other medical colleges
- To strengthen collaboration between the university and its teaching hospital

Activity Description

The two-day training was conducted in collaboration with the Emergency Department of Liaquat University Hospital. Thirty students attended each day, divided into five groups that rotated through five hands-on stations:

STATION	SKILL
1	Automated External Defibrillator (AED)
2	Cardiopulmonary Resuscitation (CPR)
3	Choking Management
4	Basic Airway Management
5	Burn Management

At each station, trained professionals provided a demonstration followed by supervised practice. Certificates were awarded to all participants on completion.






TRAINING


Golden Rules of Burn First Aid



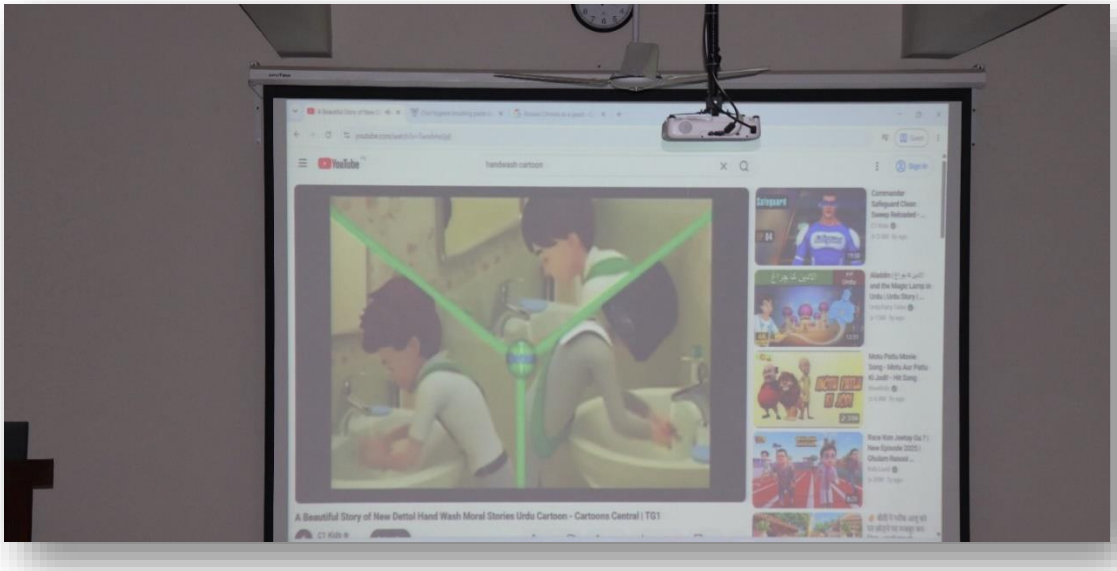








LUMHS hosts events for students from SOS village school





Visit of High School Students from District Umerkot (an underprivileged rural area of province) to LUMHS

In line with its commitment to promoting inclusive education, encouraging academic aspirations, and supporting the educational development of young people from underserved communities, Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, organized an educational exposure visit on 28 November 2025 for a group of high school students from District Umerkot, Sindh. The visit was part of the university's continuing efforts to facilitate and motivate the younger generation to pursue higher education, explore their academic potential, and work towards achieving their educational and professional aspirations. It also represented a continuation of earlier educational visits by student groups from the same district, reflecting LUMHS's sustained engagement with schools and communities beyond its immediate geographical surroundings. During the visit, the students were given a guided tour of the university campus and introduced to its academic environment, educational facilities, and diverse undergraduate and postgraduate programmes in medical and health sciences. They were also briefed on the various academic pathways, admission opportunities, and professional prospects available through higher education in these disciplines. The interaction provided students with valuable first-hand exposure to a university setting, helping them understand the transition from school education to university-level learning and broadening their awareness of future career opportunities. The curiosity, enthusiasm, and active interest demonstrated by the visiting students made the interaction particularly meaningful for the university's faculty and staff. Through this initiative, LUMHS aimed to inspire young learners, particularly those from districts where access to information and exposure to higher education opportunities may be limited, to pursue further studies with confidence and determination. The activity reflects

the university's commitment to community engagement and educational outreach and contributes directly to SDG 4 (Quality Education) by promoting access to higher education, raising educational aspirations, and encouraging lifelong learning, while also supporting SDG 10 (Reduced Inequalities) by extending academic guidance and university exposure to students from underserved communities.

Outcomes

- Improved awareness among students of LUMHS programs and admission pathways.
- Motivation and inspiration for students to pursue higher education.
- Strengthened community and school engagement with the University.

Way Forward

LUMHS will continue to host such visits and explore further outreach activities for schools across Sindh, in support of its commitment to inclusive and quality education.







From Flow to Force: Biofluid Mechanics, Biomechanics, and Applied Physics in Practice-LUMHS hosted session for school students

The Institute of Biomedical Engineering & Technology (IBET), Liaquat University of Medical & Health Sciences (LUMHS), Jamshoro, organized a hands-on educational workshop entitled "From Flow to Force: Biofluid Mechanics, Biomechanics, and Applied Physics in Practice" on 16 February 2025 at the Bio-Fluid Mechanics Laboratory, IBET, LUMHS, for students from Cadet College Petaro. Facilitated by Engr. Sasuee Khatoon, the workshop aimed to introduce school-level students to the practical applications of scientific principles in biomedical engineering, healthcare technology, and real-world problem-solving. Through interactive laboratory-based learning and practical demonstrations, participants were provided with an opportunity to explore fundamental concepts of biofluid mechanics, biomechanics, fluid flow, forces, and applied physics, and understand how these principles contribute to the functioning of the human body and the development of biomedical technologies. The activity offered students valuable exposure to a specialised university research and teaching laboratory, enabling them to connect theoretical knowledge acquired in the classroom with practical scientific applications. It also encouraged scientific curiosity, critical thinking, experimentation, and interest in emerging fields such as biomedical engineering and health sciences. By opening its specialised laboratory facilities to students from an external educational institution, LUMHS demonstrated its commitment to sharing academic resources, promoting science education, and strengthening university–school linkages. Such outreach activities help bridge the gap between school-level education and higher education by familiarising young learners with advanced scientific disciplines and potential future career pathways. The initiative contributes to SDG 4 (Quality Education) by promoting experiential, practical, and inclusive learning opportunities, while supporting SDG 9 (Industry, Innovation and Infrastructure) through early exposure to engineering, scientific innovation, and biomedical technology.

Objectives

The workshop aimed to:

- Introduce students to fundamental concepts of **biofluid mechanics and biomechanics**.
- Demonstrate the relationship between **fluids, forces, motion, and biological systems**.
- Provide hands-on exposure to laboratory-based scientific experimentation.
- Develop students' understanding of measurement and observation in applied physics.
- Encourage curiosity and interest in **science, engineering, and biomedical technology**.
- Connect theoretical classroom concepts with practical applications.

Workshop Activities

During the workshop, students participated in practical demonstrations and hands-on activities related to the behavior of fluids, forces, and biological systems. They were introduced to laboratory equipment and measurement techniques and observed how principles of physics and engineering are applied to understand biological processes.

The interactive nature of the workshop allowed students to engage directly with scientific concepts rather than learning them solely through theoretical instruction. Demonstrations of fluid flow, forces, and biomechanical principles helped students understand their relevance to the human body and biomedical engineering.

Learning Outcomes

At the end of the workshop, students were able to:

- Develop a basic understanding of biofluid mechanics and biomechanics.
- Relate physical forces and fluid behavior to biological systems.
- Observe and interpret basic scientific measurements.
- Understand the practical application of physics and engineering concepts.
- Appreciate the role of biomedical engineering in healthcare and technology.
- Develop greater interest in STEM education and scientific exploration.

Impact

The workshop provided students from Cadet College Petaro with meaningful exposure to a university-level biomedical engineering laboratory. By bringing students into a practical learning environment, IBET-LUMHS contributed to **STEM awareness, experiential learning, and science education among young learners**.

The activity also strengthened university–school outreach by providing students with an opportunity to interact with university faculty and experience modern laboratory-based learning.

Conclusion

The **"From Flow to Force"** workshop successfully provided students with an engaging and practical introduction to biofluid mechanics, biomechanics, and applied physics. The hands-on approach enhanced students' understanding of scientific concepts and encouraged them to explore future educational pathways in science, engineering, and biomedical technology.

The initiative reflects LUMHS's commitment to **promoting quality education, STEM awareness, experiential learning, and community educational engagement**.



Online Resources Available for Those not Studying at University

Open-Access Scientific Journals of LUMHS

Liaquat University of Medical and Health Sciences (LUMHS) publishes two scientific journals, the Journal of Liaquat University of Medical and Health Sciences (JLUMHS) and the Liaquat Medical Research Journal (LMRJ). Both are freely accessible to the scientific community, with no subscription or access fees for readers.

Journal of Liaquat University of Medical and Health Sciences (JLUMHS)

JLUMHS, published from Jamshoro, Pakistan, carries original manuscripts, case reports and reviews on topics related to medical and health sciences. It is recognized by the Higher Education Commission of Pakistan (HEC) and the Pakistan Medical and Dental Council

(PMDC), and is partially sponsored by HEC. The journal is indexed in Scopus, Google Scholar, DOAJ, Embase and the Index Medicus for the WHO Eastern Mediterranean Region (IMEMR).

Liaquat Medical Research Journal (LMRJ)
LMRJ is a Gold Open Access journal publishing basic, clinical and para-clinical aspects of medical sciences, in the form of original articles, reviews and case reports. Its scope covers Anatomy, Biochemistry, Biotechnology, Physiology, Pharmacology, Parasitology, Hematology, Microbiology, Radiotherapy, Radiobiology, Medical Imaging, Medical Informatics, Medical Physics, Nutrition and Virology, together with animal experimental studies.

LUMHS Publishers: Advancing Open Access to Knowledge and Health Education

Liaquat University of Medical and Health Sciences (LUMHS) contributes to education, research, and public health awareness through its publishing activities. By offering free publication opportunities and free public access to educational and scholarly content, LUMHS Publishers supports the dissemination of knowledge beyond academic institutions and makes valuable learning resources more accessible to students, researchers, healthcare professionals, and the general public.

Through the sharing of educational materials, research findings, and health-related information, LUMHS helps promote evidence-informed learning, improve health literacy, and strengthen public awareness of health and well-being. Removing financial barriers to accessing published knowledge can support equitable learning opportunities and enable a wider audience to benefit from scientific and educational resources.

LUMHS FM 96.6

Public Health Awareness through FM Radio

LUMHS regularly organizes health awareness sessions broadcast on FM radio to promote public health education and disease prevention. The programme reaches a wide audience, including communities in remote areas, with reliable information on common and emerging health concerns.

Eminent medical specialists from various disciplines take part in these interactive sessions, explaining the causes, symptoms, prevention, and management of diseases in clear, simple language. Listeners may put questions to the experts during live broadcasts, allowing direct engagement between specialists and the community.

The initiative helps dispel myths and misconceptions about diseases and encourages early diagnosis, healthy lifestyle practices, and better use of healthcare services. Through consistent broadcasts, LUMHS strengthens the connection between medical professionals and the public and fosters a culture of health awareness and preventive care, in line with SDG 3 (Good Health and Well-being).

LUMHS Web TV

Liaquat University of Medical and Health Sciences (LUMHS) proudly introduces Liaquat **University's Web TV**, an innovative digital platform designed to promote health, social, and educational awareness among the public. This pioneering initiative serves as a valuable resource for students, faculty, researchers, and the wider community, showcasing the diverse academic and outreach activities taking place across the university.

LUMHS Web TV plays a leading role in advancing health education, offering informative programs on preventive care, disease management, mental health, and overall well-being. It also highlights significant social themes such as gender equality, environmental sustainability, and community development, encouraging informed discussion and public engagement.

In addition, the channel broadcasts lectures, seminars, and workshops organized by LUMHS, ensuring that educational content and expert insights are accessible to a broader audience. Viewers can also enjoy interviews with distinguished academics and professionals, providing perspectives on cutting-edge research and innovation

Facebook Link: https://www.facebook.com/p/LUMHS-WEB-TV-100086415054488/
You Tube Link: https://www.youtube.com/channel/UCytVVnlTB-fcJ-9BAiRhURA



Liaquat University of Medical and Health Sciences (LUMHS) has been leveraging the **Microsoft 365 platform since 2013**, providing comprehensive, lifelong free services to all its students, faculty, and staff. This seamless integration ensures that all alumni continue to benefit from these services even after their graduation, enjoying access to essential tools that support their ongoing professional and academic endeavors. This initiative underscores LUMHS's commitment to equipping its community with the digital resources needed for success in today's interconnected world.

Online Digital Library: In addition to our physical library, LUMHS offers access to an extensive online digital library using resources Higher Education Commission Pakistan. This resource enables students, faculty, and researchers to access around 75,000 electronic content

available through the Digital Library Programs, including e-books, journals, research papers, and academic databases, from anywhere at any time.

Turnitin License for Research Integrity: To uphold the highest standards of academic integrity, LUMHS provides researchers with Turnitin license accounts. This powerful tool helps detect and prevent plagiarism, ensuring that all academic work is original and properly referenced.

Official Email Accounts for Alumni: Recognizing the importance of staying connected, LUMHS offers official email accounts for alumni. These accounts facilitate ongoing communication, access to university resources, and participation in alumni events, fostering a strong and supportive alumni network.

Community Awareness Session: "Addiction Awareness and Building Strong Communities"

On 25 November 2025, LUMHS SDG Volunteers and student volunteers from the Department of Social Work, University of Sindh, Jamshoro, jointly organized a community awareness session titled "Addiction Awareness and Building Strong Communities" in a Hyderabad community. The session formed part of the Department of Social Work's ongoing Community Development Project and aimed to raise awareness about addiction and empower the community.

The session was led by final-year students; the participants introduced the team, and outlined the session objectives. Mr. Abdul Rehman discussed the harmful effects of addiction on individuals, families, and communities, along with its underlying causes. Mr. Bashir presented preventive strategies, stressing a supportive environment, healthy habits, and open communication within families and communities. The session concluded with an interactive Q&A in which the volunteers answered participants' questions and offered practical advice.

The session was well received and encouraged meaningful dialogue among community members. It demonstrated effective collaboration between LUMHS and the University of Sindh in addressing critical social issues through student-led community engagement.

Contribution to the UN Sustainable Development Goals (SDGs)

SDG 3 – Good Health and Well-Being: Raised awareness of the health and social consequences of addiction and promoted prevention and healthy lifestyles.

SDG 11 – Sustainable Cities and Communities: Strengthened community resilience by encouraging supportive family and community environments.

SDG 16 – Peace, Justice and Strong Institutions: Promoted inclusive dialogue and community cohesion.

SDG 17 – Partnerships for the Goals: Reflected collaboration between LUMHS SDG Volunteers and University of Sindh student volunteers in delivering a shared community initiative. (Optional: include only if you wish to claim this SDG, as it was not listed in the source text.)

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ADDICTION AWARENESS
BUILDING RESILIENT COMMUNITIES