



NSHS
NUST SCHOOL OF
HEALTH SCIENCES

NUST School of Health Sciences **PROSPECTUS 2023-24**

NUST SCHOOL OF HEALTH SCIENCES

اقول الله اعلم
NUST SCHOOL OF HEALTH SCIENCES
SCHOOL OF THE FUTURE OF HEALTH CARE DELIVERED
NUST, H-8, PAFK, ISLAMABAD





NSHS

NUST SCHOOL OF
HEALTH SCIENCES

Table of **CONTENTS**

Message from Rector NUST	01
Message from Pro-Rector (Academics)	02
Message from Principal (NSHS)	03
NSHS Brief	04
Vision & Mission	05
What's Unique about NSHS	05
Program Description	06
NSHS Admissions	08
NSHS Fee Structure	09
Facilities at Campus	10
Dress Code & Disciplinary Rules	13
Faculty Profile	14
Affiliated Hospital of NSHS: Federal Government Poly Clinic Hospital, Islamabad (FGPC)	17
Collaborations	18
Contact Us	18

Message from Rector NUST

Dear Prospective Students,

I am delighted to introduce you to the latest milestone in NUST's illustrious journey – the NUST School of Health Sciences (NSHS). Over the last three decades, NUST has evolved into a comprehensive, fourth-generation university, initially renowned for engineering-focused programs and later expanding its expertise into social, natural, and business sciences. I am proud to announce the inauguration of our medical school, marking a pivotal moment in our commitment to holistic education.

NUST's ascent to national and international recognition is reflected in our consistent top-tier rankings. This acknowledgement is a testament to our unwavering dedication to academic excellence and cutting-edge research. As you explore the NSHS, you'll witness how our legacy of success seamlessly integrates into our newest venture in healthcare education.

The journey ahead at NSHS is an invitation to become part of a community that values diversity, innovation, and the pursuit of knowledge. We envision NSHS as not just a medical school but a hub of interdisciplinary collaboration, where the principles learned in engineering, social, natural, and business sciences converge to shape well-rounded healthcare professionals.

I encourage you to delve into the NSHS prospectus, where you will discover the programs, faculty, facilities, and admission process. As you embark on this transformative academic expedition, know that NUST stands as a beacon of excellence both nationally and globally. Welcome to NUST School of Health Sciences, where we continue to redefine education for a changing world.

Best Regards,
Engr Javed Mahmood Bukhari
Rector



Message from Pro-Rector (Academics)

Dear Esteemed Students,

As the Pro-Rector (Academics) of NUST, I extend a warm welcome to you as you step into the dynamic academic landscape of the NUST School of Health Sciences (NSHS). NUST, over the past three decades, has emerged as a comprehensive, fourth-generation university, excelling in engineering-focused programs and branching into social, natural, and business sciences. We have recently introduced our medical school, adding a new dimension to our academic repertoire.

NUST's consistent national and international rankings are a testament to our commitment to academic rigour, innovation, and research. As you navigate your academic journey at NSHS, you become part of a legacy that values interdisciplinary learning and a holistic approach to education.

Our faculty, with diverse expertise from various disciplines, is here to guide and inspire you. Take full advantage of the wealth of knowledge they bring to NSHS. I encourage you to engage actively in your studies, research opportunities, and community initiatives, fostering a well-rounded educational experience. Your decision to pursue education at NSHS is a commitment to academic excellence and a dedication to making a difference in the field of healthcare. As we welcome you to the NUST School of Health Sciences, remember that your journey here is not just about earning a degree but about becoming a well-equipped and compassionate healthcare professional. Embrace the challenges and opportunities that come your way, and rest assured that your education at NSHS will be a stepping stone to a successful and fulfilling career.

Best Regards,
Dr Osman Hasan
Pro-Rector (Academics)



Message from Principal (NSHS)

Dear Students,

Welcome to the NUST School of Health Science (NSHS). The prestigious NUST University provides you with the best contemporary medical education available, a distinctive learning atmosphere, and cutting-edge facilities in a specially designed campus in the form of NSHS. Our graduates will be expected to be clinically competent physicians who respect life from the moment of conception to its natural conclusion and who possess a solid understanding of both scientific and humanistic medicine. We have implemented the Integrated Modular Teaching Program, utilizing the most recent methods for adult education. The program incorporates both horizontal and vertical integration, early clinical exposure, integrated assessment, and feedback in addition to educating students about their ethical and professional obligations.

The students begin their clinical training in first year of MBBS in the “clinical skill lab,” where they will learn to take medical histories, examine simulated patients physically, and get hands-on practice with common procedures & basic life support using simulators and manikins. The program also spirally incorporates research in the curriculum. To meet the World Federation of Medical Education (WFME) standards, faculty development programs like CHPE are set up to tackle the demands of the rapidly advancing health sciences on a global scale.

Modern amenities characterize the tertiary care teaching hospital, Federal Government Poly Clinic Hospital, Islamabad (FGPC). It serves a broad range of patients from Islamabad, Rawalpindi, and the surrounding areas. The College of Physicians and Surgeons Pakistan (CPSP) has accredited FGPC for fellowship training in all major medical and surgical specialties.

Aspiring medical students are welcomed to NSHS, where they will be groomed into accomplished professionals ready to take on the demanding duties of helping the sick and suffering around the world.

Best Regards,
Professor Dr Rizwan Ashraf
Principal (NSHS)





NSHS BRIEF

The National University of Sciences & Technology (NUST), established in 1991, proudly announces the establishment of NUST School of Health Sciences (NSHS). Building upon the legacy of excellence of the parent university, NSHS endeavors to provide state-of-the-art infrastructure and highly qualified and experienced faculty for aspiring medical students. The college is aimed at fostering a culture of research, innovation, and community engagement, ensuring that its graduates are well-prepared to tackle the complex challenges emerging in healthcare.

The establishment of NSHS opens doors for aspiring medical students from the country and abroad to be part of a dynamic and progressive learning environment. NSHS aims to provide a platform to embark on a transformative educational journey, where students will have access to world-class resources, mentorship from renowned faculty members, and opportunities to engage in cutting-edge research.

NSHS is housed in a purpose-built, state-of-the-art building, located at the main NUST Campus, Islamabad. The school is situated in close proximity to the Srinagar Highway, Islamabad International Airport, Motorway, and diplomatic enclave.

With a strong emphasis on sound modern scientific foundation, practical training, interdisciplinary collaboration and ethical values, NSHS is poised to produce high-quality healthcare leaders who will define the future of healthcare.

VISION

To be a leader in graduating doctors who will make a difference in our communities by expanding educational excellence scientific innovation and integrating technology while enhancing healthcare through strong ethical and evidence-based practice.

WHAT'S UNIQUE ABOUT NSHS

1. GLOBAL AFFILIATION AND RANKING

Affiliated with NUST, globally ranked at #367 worldwide and #64 in Asia (QS University Rankings). NUST is ranked #1 in Pakistan as per Times Higher Education Impact Ranking 2023 .

2. SUSTAINABLE DEVELOPMENT GOALS (SDGs) ENGAGEMENT

NUST is a SDG-engaged university, aligning research themes with UN SDGs for a socially responsible education.

3. PRIME LOCATION

The campus is situated in Islamabad, one of the most beautiful and modern cities globally.

MISSION

To produce physicians for the twenty-first century who uphold the standards of science and technology, are compassionate, research-oriented, knowledgeable, skilled, life-long learners, and devoted both to their profession and society.

4. STATE-OF-THE-ART FACILITIES

Advanced academic and research facilities, providing a conducive learning environment.

5. COMPREHENSIVE INTEGRATED MODULAR CURRICULUM

A five-year MBBS program accredited by PMDC, offering a comprehensive understanding of basic and clinical sciences integrated both vertically & horizontally.

6. COMMUNITY-ORIENTED HEALTH SERVICES

Engagement with urban and rural populations through community-oriented health services.

7. DIVERSE STUDENT COMMUNITY

Experience studying in an establishment with a diverse student community, promoting awareness



of varied cultural practices.

8. EXTENSIVE RESOURCES

Access to more than 10,000 books and journals in an online library, facilitating in-depth research.

9. HOLISTIC EDUCATION

Multiple courses covering humanities, social sciences, law, and basic finance for doctors, ensuring a well-rounded education.

10. RESEARCH OPPORTUNITIES

Systematic research opportunities in basic, community health, and clinical sciences.

11. STATE OF THE ART RECREATIONAL FACILITIES

The NUST has state of the art recreational facilities like gymnasium, squash court, swimming pool, bowling alley & riding club etc.

NSHS stands out for its commitment to excellence, global perspective, and the holistic development of medical professionals, making it a premier choice for aspiring doctors.

PROGRAM DESCRIPTION

The 5-year MBBS program offered at NSHS focuses on OSIS & RISEE

OUTCOME-BASED SYSTEM BASED, INTEGRATED & SPIRAL CURRICULUM (OSIS):

At NSHS, our MBBS program employs an innovative and effective Outcome-Based, System based, Integrated, and Spiral curriculum (OSIS), ensuring a comprehensive and dynamic medical education.

- **INTEGRATED APPROACH**

Our curriculum is designed to break down traditional subject silos and foster integration across various medical disciplines. Rather than studying anatomy, physiology, and biochemistry in isolation, students experience a seamless blend of these subjects, promoting a holistic understanding of the human body. Integration is not only horizontal within each academic year but also vertical, connecting concepts across different stages of the program.

- **SPIRAL STRUCTURE**

The spiral nature of our curriculum acknowledges that learning is an ongoing and iterative process.



Topics are revisited and expanded upon in subsequent years, allowing students to delve deeper into their understanding. This spiral approach ensures that foundational knowledge is reinforced, and students build upon their skills and insights as they progress through the program.

- **OUTCOME-BASED LEARNING**

Our curriculum is rooted in the principles of outcome-based education, emphasizing the acquisition of skills and knowledge necessary for medical practice. The focus is on developing competencies that align with the expected outcomes, ensuring that graduates are well-equipped to meet the demands of the healthcare landscape.



- **PATIENT-BASED LEARNING AND EVIDENCE-BASED PRACTICE**

A key feature of our curriculum is the emphasis on patient-based learning, where students engage with real-world patient cases from early stages. This approach fosters clinical reasoning skills and encourages students to apply evidence-based practices in their decision-making.

RISEE VERTICAL MODULES:

These RISEE modules run vertically through the five-year program, ensuring that key aspects of research, professionalism, communication skills, patient safety, ethics, entrepreneurship, and leadership are interwoven into the fabric of medical education. The inclusion of these vertical modules reflects our commitment to producing not only knowledgeable clinicians but also well-rounded, ethical, and forward-thinking healthcare professionals. This consist of following modules:

- **RESEARCH & PROFESSIONALISM**

1. Integration of research methodologies and ethics throughout the curriculum.
2. Opportunities for research engagement and promoting a culture of inquiry.

- **IDENTITY FORMATION & COMMUNICATION SKILLS**

1. Development of interpersonal and communication skills from early stages.
2. Emphasis on professional identity formation and effective patient communication.

- **PATIENT SAFETY**

1. Integration of patient safety principles in clinical scenarios.
2. Learning modules focusing on preventing and addressing medical errors.

- **ETHICS**

1. Ethical considerations incorporated into clinical cases and decision-making exercises.
2. In-depth exploration of medical ethics



principles and their application.

- **ENTREPRENEURSHIP AND LEADERSHIP**

1. Introduction to entrepreneurial concepts in healthcare.
2. Leadership development modules preparing students for future roles.

NSHS ADMISSION

- The total seats offered this year are 100 for the MBBS program. Admissions are open for all students irrespective of gender, religion and ethnicity. The admissions are offered strictly on the basis of merit as per the admission criteria set by PMDC.

- For Local Students: Those appearing in NUMS MDCAT ONLY shall be eligible to apply to NSHS.
- For Foreign Students: Those qualifying for SAT-II with a minimum score of 550 in each subject or a foreign MCAT examination or UCAT examination with the following formula :-

1. NUMS MDCAT **50%**
2. F.Sc / equivalent **40%**
3. Matric/ equivalent **10%**

Timeline for MBBS Programme (Session 2023-24)

ACTIVITIES	TIMELINE
• Online Registration Schedule	30 Nov - 29 Dec 2023
• Last date of Application Submission	29 Dec 2023
• Display of Merit List	1 Jan 2024
• Orientation Week	29 Jan 2024
• Commencement of Classes	6 Feb 2024



NSHS FEE STRUCTURE 2024

NSHS Fee Structure - National Students

Description	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total Cost of Program (Amounts in PKR)
• Annual Increase %		5%	5%	5%	5%	
• Admission Fee One time	50,000					50,000
• Tuition Fee - Annual	1,500,000	1,575,000	1,653,750	1,736,438	1,823,260	8,288,448
• Medical, Library & Sports Fee - Annual	15,000	15,000	15,000	15,000	15,000	75,000
• University Fee - Annual	300,000	315,000	330,750	347,288	364,652	1,657,690
• PMDC Registration Fee - Annual *	10,000	10,000	10,000	10,000	10,000	50,000
• Security Fee Refundable	25,000				25,000	
	1,900,000	1,915,000	2,009,500	2,108,726	2,187,912	10,121,138

* PMDC Registration Fee - Annual As prescribed by PMDC

Hostel Charges: As per updated schedule of charges applicable from time to time

Transport Charges: As per updated schedule of charges applicable from time to time

Messing charges for Hostel Residents: As per updated schedule of charges applicable from time to time

Hostel Accommodation & Mess Charges:

Existing charges for the hostel accommodation and messing facility are available on Housing and Dining – National University of Sciences and Technology (NUST)

NSHS Fee Structure - Foreign Students

Description	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total Cost of Program (Amounts in USD)
• Annual Increase %		0%	0%	0%	0%	
• Admission Fee One time	500					500
• Tuition Fee - Annual	18,000	18,000	18,000	18,000	18,000	90,000
• Medical, Library & Sports Fee - Annual	120	120	120	120	120	600
• University Fee - Annual	2,000	2,000	2,000	2,000	2,000	10,000
• PMDC Registration Fee - Annual *	40	40	40	40	40	200
• Security Fee Refundable	400				400	
	21,060	20,160	20,160	20,160	19,760	101,300

* PMDC Registration Fee - Annual As prescribed by PMDC

Hostel Charges: As per updated schedule of charges applicable from time to time

Transport Charges: As per updated schedule of charges applicable from time to time

Messing charges for Hostel Residents: As per updated schedule of charges applicable from time to time

Hostel Accommodation & Mess Charges:

Existing charges for the hostel accommodation and messing facility are available on Housing and Dining – National University of Sciences and Technology (NUST)

FACILITIES AT CAMPUS

HOSTEL AND ACCOMODATION

In NUST campus hostel rooms are also available for male and female students.

Hajveri boys hostel and Khadija girls hostels are available to boys and girls for accommodation, who come from different parts of the country, on a first come first served basis.

Both hostels are managed by skilled and adept management.

The hostel administrations are devoted to the provision of necessary facilities and a conducive environment for boarders for their secure living.

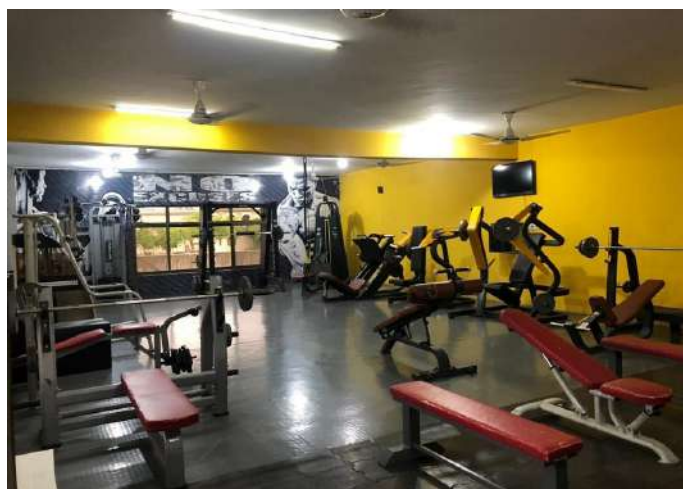
Indoor mess with cable TV, indoor gym, indoor and outdoor games, and laundry facilities, are available for boarders within the vicinity of their respective hostels.

24/7 provision of internet, security, medical coverage, and staff availability is also assured by the hostel administrations.



CAMPUS LIFE

- All Weather Swimming Pool
- Saddle Club
- Gym
- Bowling Alley
- Health and Well-being Centre
- On Campus Housing and Dining
- Squash and Tennis Courts
- Electric Carts
- Pick and Drop Service
- 24/7 Counselling and Advisory Services



STUDENT COMMITTEES

- NUST Bio Reach Society
- NUST Science Society
- NUST Physics and Astronomy Society
- NUST Skill Development Club
- NUST Media Club
- NUST Fine Arts Club
- NUST Music Society
- NUST Literary Circle

A Grand Total of 39 Student Societies Exist at NUST

TRANSPORTATION

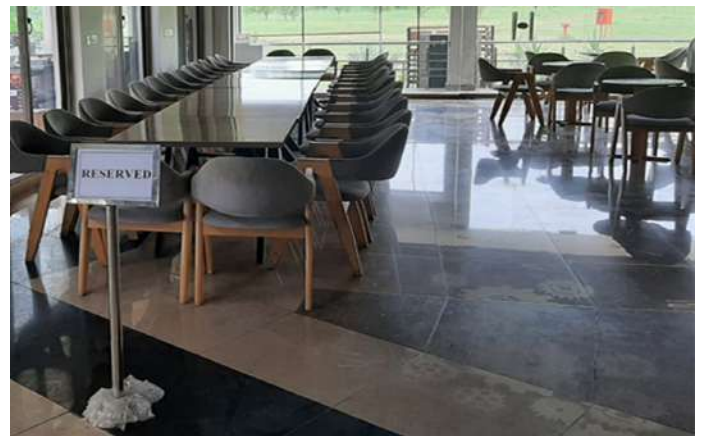
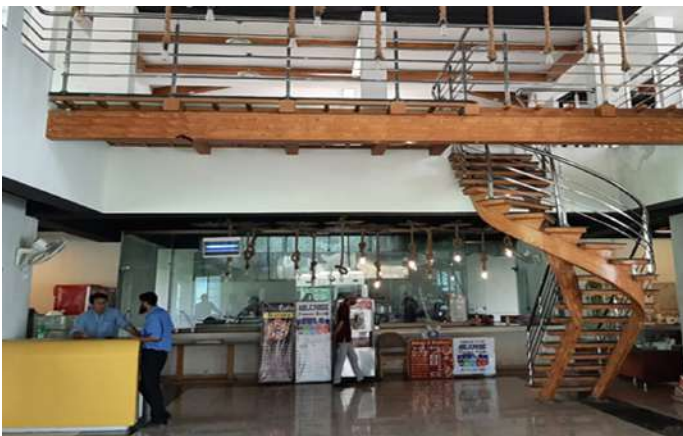
- Pick & drop service is available (on payment) for students within the twin cities at prescribed routes at reasonably low rates.
- On campus, free-of-cost shuttle service is also available



CAFETERIAS

Following cafeterias offer a variety of healthy and hygienic food, in a clean environment, at affordable prices.

1. Concordia I
2. Concordia II
3. Inno Cafe
4. South Edge Cafe



DRESS CODE

The attire should not distract from the learning environment or be considered inappropriate in an academic or professional setting and attract undue attention. Examples of inappropriate clothing include:

- See-through or revealing garments, backless dresses, skinny fitted clothes, leggings/tights
- Casual footwear (e.g., flip flops/bedroom slippers, sneakers)
- Short pants/short skirts
- Clothing with derogatory, offensive, and/or lewd messages either in words or pictures, or any piece of clothing promoting racism, violence, sex, drugs, alcohol, or other illegal activities
- Dressing in culturally inappropriate clothes / tight fitted clothes
- Loud Makeup and Gaudy Jewellery

Any failure in this regard will lead to disciplinary action based on the identified penalties as per NUST regulations.

DISCIPLINARY PROCESS

- **Case Referrals** Each case of ill-discipline shall be reported to the head of the institution through HoD or the manager hostel. Any charge should be submitted as soon as possible after the occurrence of the alleged violation, preferably within 24 hours of the violation. Those referring cases are normally expected to serve as complainants and to present relevant evidence in disciplinary hearings before the NUST/Institution Discipline Committee. Depending on the gravity of the case, the head of the institution will decide to award minor punishment at the institution level or refer the matter to NUST Discipline Committee for decision by the competent authority for major punishment.
- **Hearing of Disciplinary Cases** A disciplinary hearing is a formal process conducted by the Institution Discipline Committee. This formal process is designed to gather and consider relevant information regarding the alleged violation/s of the Code and to determine and recommend a punishment. Every effort will be made to expedite proceedings pursuant to allegations within a reasonable period.
- **Punishments** NUST/Institution Discipline Committee will recommend the punishment according to the gravity of the case after giving the defaulter full opportunity to give own point of view. This must be done before recommending the punishment to the head of the institution/Rector.
- **Appeals** An appeal against the decision of the Discipline Committee can be filed with the head of the institution/Rector within fifteen days of the announcement of the decision.

FACULTY PROFILE

Principal

- Dr. Rizwan Ashraf Professor of Pharmacology

Vice Principal

- Dr. Farhan Akhtar Professor of Pathology

Basic Sciences Faculty

Anatomy

- Dr Ayesha Haque Professor & HOD
- Dr Huma Beenish Associate Professor
- Dr Shazia Imran Associate Professor
- Dr. Sadia Aman Assistant Professor

Biochemistry

- Dr. Seyyedha Abbas Professor & HOD
- Dr. Roomisa Anis Associate Professor
- Dr. Amber Zaidi Assistant Professor

Physiology

- Dr. Sadaf Mumtaz Professor & HOD
- Dr. Amna Faruqi Associate Professor
- Dr. Hira Moin Assistant Professor
- Dr. Tooba Zafar Assistant Professor

Pharmacology

- Dr. Shabana Ali Professor & HOD

Forensic Medicine

- Dr. Noureen Hafeez Professor & HOD
- Dr. Sheeba Shabbir Assistant Professor

Community Medicine

- Dr Farah Rashid Professor & HOD
- Dr Nadia Nisar Associate Professor
- Dr Zille Huma Mustehsan Associate Professor

Pathology

- Dr. Azhar Qayyum Professor & HOD
- Dr. Aamir Ijaz Professor
- Dr Salma Ghulam Nabi Professor
- Dr. Zahra Rashid Khan Associate Professor
- Dr. Huma Amin Associate Professor
- Dr. Rubina Shafi Assistant Professor
- Dr. Shazia Taj Assistant Professor

Medical Education

- Dr. Sadaf Saleem HOD
- Dr. Khaula Javed Assistant Professor

Behavioral Sciences

- Maheen Rabbani Clinical Psychologist
- Gulmeena Tahir Clinical Psychologist

Quality Assurance

- Dr. Nadia Nisar HOD/Director Local Quality Enhancement Cell, NSHS
- Dr. Zahra Rashid Khan Deputy Director Quality Assurance (Health Sciences) QA Directorate, NUST

Clinical Faculty

General Medicine

- Dr. Rizwan Ahmed HOD
- Dr. Zaheer Iqbal Awan Professor
- Dr. Nafisa Tahir Professor
- Dr. Saad Azim Associate Professor
- Dr. Khalid Amjad Kiyani Associate Professor

General Surgery

- Dr. Mirza Tassawar Hussain HOD
- Dr. Rizwan Aslam Professor
- Dr. Maliha Yunus Professor
- Dr. Ahsan Ali Mirza Professor

- Dr. Khalid Mahmood Associate Professor

Gynaecology & Obstetrics

- Dr. Naushin Farooq HOD
- Dr. Naheed Bano Professor
- Dr. Noreen Majeed Professor
- Dr. Adiba Akhtar Associate Professor

Ophthalmology

- Dr. Muhammad Mumtaz Chaudhry Professor & HOD
- Dr. Saquib Naeem Professor

ENT

- Dr. Riffat Rehman Khattak HOD
- Dr. Iftikhar Aslam Professor
- Dr. Syed Shaukat Hussain Professor
- Dr. Mehreen Babar Assistant Professor

Paediatrics

- Dr. Shahzad Munir Professor & HOD
- Dr. Saeed Zaman Associate Professor

Orthopaedics

- Dr. Muhammad Akhtar Khan HOD
- Dr. Muhammad Nadeem Kashmiri Associate Professor

Psychiatry

- Dr. Ibad Ul Haq HOD

Dermatology

- Dr. Sumyra Saleem HOD

Cardiology

- Dr. Mamoon Qadir HOD

Nephrology

- Dr. Armughan Ahmed HOD

Gastroenterology

- Dr. Ikram Zada HOD

- Dr. Muhammad Najm Ul Hassan Shafi Assistant Professor

Endocrinology

- Dr. Gohar Khan HOD

Neurology

- Dr. Riaz Mahmood HOD

Anesthesia

- Dr. Khurram Liaqat HOD
- Dr. Raheel Azhar Khan Professor

Accident & Emergency

- Dr. Mirza Tassar Hussain Director A&E

Radiology

- Dr. Saima Shan HOD
- Dr. Ruqqayia Adil Associate Professor

Urology

- Dr. Muhammad Shahbaz Hanif HOD

Rheumatology

- Dr. Taqdees Khaliq HOD

AFFILIATED HOSPITAL OF NSHS

FEDERAL GOVERNMENT POLY CLINIC HOSPITAL, ISLAMABAD (FGPC)

FGPC was established over 3.3 Acres of land in sector G-6 in 1966. It is a 545-bed hospital with 95% bed occupancy. It provides secondary and tertiary level care, teaching/ training to doctors in the fields of Medicine, Surgery and Allied specialities, Obstetrics/Gynecology, and Paediatrics to promote health education and health services. The main hospital has 27 attached dispensaries, including two Maternal & Child Health centers and one Civil Surgeon dispensary. It provides free medical care facilities to Federal Government employees, their families, and the residents of Islamabad and its suburbs, Gilgit-Baltistan, AJ&K, and Northern Areas. Emergency services are managed round the clock and outpatient services are being offered in morning and evening shifts. Around 2.5-2.8 million patients avail medical services of the hospital annually.

FGPC has 32 specialties. The hospital also provides teaching and training in nursing. International vaccination and routine EPI vaccination is done both in the morning and evening shifts.

The hospital is progressing with additional projects and updating its plans and equipment. FGPC has a partnership agreement with NUST School of Health Sciences (NSHS) signed in Nov 2022 to serve as its teaching hospital.

COLLABORATIONS

NSHS has signed MOUs with the following Universities to conduct research seminars and workshops.

1. National University of Medical Science (NUMS)
2. POF WAH Medical College – WAH
3. Avicenna Center of Excellence (ACE) – Isfahan Elites Foundation, Iran.

CONTACT US

Mr Muhammad Raheem

(DD Exams / Human Resource / Student Affairs)

Ext: +92-51-9085-2606

Email ID: raheem@nshs.nust.edu.pk

For Hostel & Transport Queries:

Mr Abdul Rehman

(DD Adm & Coord)

Ext: +92-51-9085-2605

Email ID: dd.admcoord@nshs.nust.edu.pk



National University of Sciences & Technology

📍 Islamabad 📍 Rawalpindi 📍 Risalpur 📍 Karachi 📍 Quetta

UAN: 111-116-878 |      NUST |  nust.edu.pk