Shifa Tameer-e-Millat University

شفا تعمیرِ ملّت یونیورسٹی

2022

ANNUAL

REPORT

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Chancellor's Message

I am pleased to write a few words for the annual report of Shifa Tameer e Millat University. The era of accelerating change, we are now witnessing has exposed our world to a greater challenge of accomplishing more with our time. In an attempt to get more done, we must keep pace with this incessant change and continue to widen our intellectual horizon by acquiring professional management, technical and research skills. Therefore, we as the developing nation stand in need of an environment that promotes education and training required for high-demand careers. I am honoured to be the Chancellor of Shifa Tameer-e-Millat University (STMU) Islamabad, which is committed to ensure excellence in all its educational programs coupled with dynamic and comprehensive academic distinction, whereby, making the learning experience of its vast number of Educational programs at undergraduate, graduate and doctoral level.

Dr. Manzoor ul Haq Qazi
MBBS, Diplomat American Board
(Internal Medicine & Cardiology)
Chief Executive Officer (SIH)

The students at STMU, Islamabad benefit from state-of-the-art facilities and resources, including innovative and student-centered curriculum allowing for the early development of professional skills and behaviours promoting collaborative learning, critical thinking and reflection-skills essential for brilliant career. The university made significant progress during the past years and established new faculties, schools and programs. Our faculty is eminently qualified, and committed to provide students with the essential academic, professional, and personal skills required for completing in today's challenging employment environment. In addition to teaching and mentoring of students, our faculty members prove to be avid consumers as well as producers of research helping them staying current in their academic disciplines. STMU enriches the students' campus life by promoting co-curricular and para-curricular activities, clubs/societies and sports helping students mold their lives to become well rounded people and learning the art of living and working together.

STMU has grown to its current position as a provider of quality education through its commitment to excellence; we are resolute to continue growing from strength to strength and raising the bar for top-notch education. We invite you to be a part of our institution to gain practical knowledge in your

targeted field, acquire leadership skills, and learn the art of community services. The work on internationalization has increased as this year was marked in particular by the launch of collaboration with international centers of excellence from around the Globe. This internationalization efforts will bring significant values in academia, research and innovation, meeting pressing needs of society and world community at large.

The work on values–based leadership transcends all that STMU does, and university leadership is our main interlocutors. I extend my sincere thanks to all members of the Senate, Syndicate, Academic Council and all the faculty members for their precious work for STMU in particular, and for higher education in general.

Dr. Manzoor Ul Haque Qazi
Chancellor

Vice Chancellor's Message

It gives me immense pleasure to write a few words for the Annual Report 2022 of Shifa Tameer-e-Millat University (STMU), Islamabad. The advancement we have made in striving towards our vision, and the achievements during the past years, would not be possible without the talent, expertise, commitment and passion of our faculty, staff and management. I would like to take this opportunity to thank them for their invaluable contribution to the University.

Dr. Mohammad Iqbal Khan
MD; FRCS; MHPE
Professor of Surgery

This report is written in the context of some of the most challenging and unprecedented times in our academic history. We lived with COVID and yet continued our academic, research and community services with full zeal and interest. It has been wonderful to see our teaching, research and student experience return to normal and now focus on progressing our vision and strategy. This report reflects a number of exciting projects and initiatives that will help us fulfil our goals and bring significant progress in delivering the key pillars of our vision i.e., Academia, Research and Innovation.

The University campuses are located in the heart of the capital city providing quality education and training in a vast variety of specialties aiming at the provision of the finest quality human resources for our community and beyond. The main emphasis is not only on formal education and refining desirable competencies among learners but to indicate and grooming wholesome personalities. The Universities' broader aim is to build the nation through human resources in an adjustable, conducive and innovative ecosystem.

The faculty, management, and infrastructure of University offer an academic environment that enables the learners, and scholars to come up with solutions to unsolved issues through meaningful research and investigations. It is important that we continue to enable and promote a culture of research excellence – not only for the benefit of the University and our immensely talented researchers, but for people and communities across the world. These programs are carefully designed to make our region healthier, greener, more vibrant and innovative for everyone. We are also focused on providing our students with an outstanding education that equips them with the skills they need to make an impact in their future careers. While our students have returned to pre-pandemic face-to-face teaching, we have seen how this can

be complemented by digital learning. We have continued to invest in our digital teaching and learning technology, and have reviewed and redesigned on-campus study spaces with our students to ensure they meet their needs.

The University progressed significantly during the last year; being a new University it extended the footprint of our quality and innovation on Computing, Podiatory, Dentistry, and Social Sciences. Newly established Park Road Campus accommodate number of departments apart from Bussiness incubation centre. We know that our excellent research and innovation holds tremendous potential to drive prosperity and economic growth. Our research endeavors took considerable momentum winning research grants from various international reputable organizations. During one year, our research allocation doubled comparing the past, and our researchers' succeeded in publishing in reputable journals including but not limited to; Nature, Lancet, New England Journal of Medicine, British Medical Journals, and many other high-impact factor journals.

The University extended its collaborations with several renowned national and international centers of excellence. All of this work is underpinned by a One University ethos, and we have continued to make progress towards our goal of building a diverse community of staff and students and creating an inclusive, supportive and collaborative environment. We are also continuing to progress our sustainability strategy, and our work towards becoming one of the most sustainable research-intensive Universities in the country. The University planned to extend its city campus at sector I-8/4 to accommodate our existing and new programs, research centers, and the Central Library with efficient learning resources.

The progress we have made in striving towards our vision, and the achievements I have outlined, would not be possible without the talent, expertise, commitment and passion of our faculty and staff. I would like to take this opportunity to thank them for their invaluable contribution to the University.

Prof Dr. Mohammad Iqbal Khan
Vice Chancellor

Executive Summary

Shifa Tameer-e-Millat University (STMU) has achieved remarkable success and demonstrated excellent performance during the year 2022, marking the completion of its first decade. As a world-class institution for academic excellence, STMU has made significant progress in fulfilling its mission of providing state-of-the-art academic and research facilities while preparing students for global educational requirements.

The STMU Annual Report 2022 showcases the university's accomplishments in key areas, including academics, research and development, student and faculty achievements, physical and IT infrastructure development, community services, and governance. These achievements have gained recognition for the university both nationally and internationally.

Throughout the reporting period, STMU launched nine new programs at the BS and MS/MPhil levels, reflecting its commitment to expanding educational opportunities. Additionally, the university has planned the launch of many new programs in the upcoming year. The graduation of 2,985 students underscores STMU's dedication to nurturing future leaders and professionals.

Faculty members at STMU have actively engaged in international collaborative research activities, securing research grants in the fields of health, pharmaceutical, and biological sciences. These grants have strengthened the university's research laboratories and facilities, establishing STMU as a prominent research institution in Pakistan. Over 400 research papers were published by faculty members in 2022, showcasing their dedication to advancing knowledge.

The university's total student enrollment of 2,873 reflects the high demand for quality education, while the balanced male-to-female student ratio of 27:73 demonstrates STMU's commitment to gender inclusivity and equal opportunities. With a faculty-student ratio of 1:6, STMU prioritizes academic excellence, fostering strong student-faculty relationships, and delivering quality education.

Throughout the year, STMU remained dedicated to serving the community and actively participated in various initiatives focused on community well-being and awareness. Notably, the Shifa Foundation Community Health Centre (SFCHC), commonly referred to as "FALAHI CLINIC," played a significant role in this regard. The Falahi Clinic provided essential healthcare services to a total

of 55,570 patients, including 53,961 outpatient cases and 1,609 inpatient cases. The approximate value of these treatments during the reporting period reached Rs. 493 million, highlighting the substantial impact of the clinic's efforts on improving community health.

Significant efforts were made in 2022 to strengthen the university's physical and IT infrastructure. The renovation of the STMU Park Road Campus (PRC), spanning two acres in Islamabad, provided a modern and purpose-built facility for expanding departments and new initiatives. State-of-the-art laboratories equipped with modern instruments and IT equipment were established at the PRC campus, promoting an ideal environment for teaching, learning, and research.

We extend our gratitude to the academic leadership, faculty members, and staff whose dedication and efforts have created a conducive learning atmosphere. Their contributions have provided an excellent environment for students, and STMU remains fully committed to delivering world-class facilities, quality education, and innovative research to maximize the students' learning experiences.

Prof. Dr. Izhar Hussain *(T.I.)*
Registrar

About University

Shifa Tameer-e-Millat University (STMU) was established under the act of parliament in year 2012. It is a federally chartered, private-sector, general category university that is open for all the National and International students of either gender, without any discrimination in religion, race, caste, creed, class, color, or domicile and entry to all university programs is strictly on merit. STMU Act empowers to provide education and scholarship in any branch of knowledge as the university may deem fit, to make provisions for research, services to the society, for the application, advancement, and dissemination of knowledge. The university secretariate is in the heart of beautiful city of Islamabad at Pitras Bukhari Road, H-8/4 Sector. Shifa Tameer-e-Millat University comprises of the following Colleges, Campus, and Institute. The brief introduction is as below:

Shifa College of Medicine

Shifa College of Medicine (SCM) is one of the top colleges imparting quality medical education in Pakistan and recognized nationally and globally. Established by the Shifa International Hospital Islamabad in 1998, became the constituent college of STMU upon promulgation of Shifa Tameer-e-Millat University Act in 2012. SCM is established in NCBMS Tower, a purpose-built building spread over 80,000 sq ft with 53,000 sq ft covered area in sector H-8/4 of Islamabad and equipped with all modern educational and research facilities and allied services for its students. The college has highly qualified and renowned faculty and is imparting quality education and providing clinical training and clerkships to its students at Shifa International Hospital that is JCI accredited.

Shifa College of Medicine

Shifa College of Dentistry

Shifa College of Dentistry (SCD) was established in December 2019 with a vision of imparting excellent dental education to produce truly professional dental graduates, with exemplary academic, clinical and research skills and who would be capable of providing quality oral healthcare services. The purpose-built 6-story building of SCD covering 56,000 sq ft area on Islamabad Expressway, houses spacious lecture halls, modern laboratories, tutorial rooms, faculty offices and other facilities. It also houses the Shifa Dental Hospital equipped with facilities of international standard that provides in-house training to its students. Highly qualified and renowned faculty in different specialties are committed towards educating and training the students. In less than 3 years of its existence, SCD has started PhD dentistry in various research fields. Clinical training and clerkship of SCD students is carried out at Shifa International Hospital, Islamabad.

Shifa College of Dentistry

Shifa College of Nursing

Shifa College of Nursing (SCN), one of the top nursing educational institutions in Pakistan, was initially established by the Shifa International Hospital (SIH), Islamabad in 2003 that became the constituent college of university upon promulgation of STMU Act in 2012. SCN operates in SIH premises; it has competent faculty members, that provides diverse teaching and learning experience to the students through a rigorous training process. Clinical placements and mentorship of students is carried out at Shifa International Hospital that provides students with exposure to diverse clinical areas including medical, surgical, pediatric, and critical care units. For certain specialized trainings and promoting the vision of versatility in the training of its students, SCN is linked to few other well recognized hospitals and several primary health care centers in and around Islamabad-Rawalpindi area.

Shifa College of Nursing

Shifa College of Pharmaceutical Sciences

Shifa College of Pharmaceutical Sciences (SCPS), formerly Department of Pharmacy, developed into a full-fledge Faculty of Pharmaceutical and Allied Health Sciences in 2017. The spacious, beautiful, purpose-built college is spread over 18 kanals in the heart of Islamabad and is one of its kind institute that offers state-of-the art academic, clinical and research training facilities in the field of pharmacy and pharmaceutical sciences. Managed under the leadership and supervision of faculty members trained at the reputable centers of higher education, the institute is the leader in pharmacy education in the country. The unique Doctor of Pharmacy program has been developed in line with international best practices in clinical education. It is the first OBE-based (Outcome-Based Education) Integrated, Contextual, and Modular Curriculum in the region. The contemporary post-graduate programs in the field of Clinical Pharmacy Practice, Pharmacology (Molecular) and Pharmaceutical Chemistry aim to develop learners who can lead the respective practice and research arena. The students of SCPS are privileged for clinical training, attachments, and clerkships at Shifa International Hospital, Islamabad.

Shifa College of Pharmaceutical Sciences

Shifa College of Medical Technology

Shifa College of Medical Technology (SCMT), a constituent college of STMU was established in 2012. SCMT is unique in its approach to healthcare education in the field of medical technology. Located in the Shifa International Hospital Islamabad premises, SCMT is an innovative center dedicated in producing highly specialized medical technologists, in ten different specialties, who assist other healthcare professionals in diagnosis, treatment, monitoring, and prevention of diseases. Students of SCMT are subjected to rigorous clinical training at Shifa International Hospital under the supervision of renowned doctors and technical experts of relevant clinical fields that inculcate necessary skills and knowledge among trainees fully capable of competing at national and international fronts upon graduation.

Shifa College of Medical Technology

STMU – Park Road Campus

To cater the ever-increasing needs of the university, due to expansion of existing departments and for establishing new departments, Shifa Tameer-e-Millat University renovated its campus at Park Road in year 2022. STMU - Park Road Campus (PRC) has purpose-built, spacious lecture halls, state of the art and well-equipped laboratories and excellent educational and recreational facilities for both students and faculty. Upon its completion different departments housed in various locations were shifted in the PRC building. Until the period of this report Rehabilitation Sciences; Biosciences, Clinical Psychology; Management Sciences and Computing Departments are functioning in the PRC building and few more departments are in the process of establishment at PRC.

STMU – Park Road Campus

STMU – Global Institute of Human Development

The Global Institute of Human Development (GIHD) (www.gihd.stmu.edu.pk) is a research-intensive educational institute operating as a self-sustaining constituent unit of Shifa Tameer-e-Millat University since February 2020. Building upon a longstanding legacy of conducting cutting edge public mental health research, GIHD is dedicated to fostering physically, mentally, and socially healthy communities worldwide. At GIHD, our mission is to provide high-quality education and conduct robust research. The academic programmes at GIHD are deeply rooted in indigenous research conducted to the highest global standards by our national and international faculty. GIHD collaborates with prestigious international universities, academic partners and works closely with policymakers, including the World Health Organization (WHO), the United Nations Children's Fund (UNICEF), and the Ministry of National Health Services, Regulations and Coordination, Govt of Pakistan to advance Universal Health Coverage (UHC) for mental health.

STMU – Global Institute of Human Development

Vision

To work, within parameters of the charter, to create and disseminate knowledge in the fields of Health, Engineering, Business, Basic and Social Sciences in order to contribute to the process of nation building in keeping with our religious, historical and cultural ethos.

Mission

To equip upcoming generations with intellectual, social and scientific knowledge and skills in varied academic disciplines at par with international standards by establishing state of the art academic facilities and provision of highly qualified teaching faculty.

Aim

a) To establish following faculties supported with related academic infrastructure and highly qualified and experienced faculty:

1. Faculty of Health Sciences
2. Faculty of Nursing and Midwifery
3. Faculty of Pharmaceutical Sciences
4. Faculty of Allied Health Sciences
5. Faculty of Sciences
6. Faculty of Management Sciences
7. Faculty of Arts and Social Sciences
8. Faculty of Computing
9. Faculty of Law
10. Faculty of Engineering
11. Any other Faculty as envisioned and approved by the statutory bodies.

b) To establish academic and research facilities in such areas which correspond to the needs of domestic demands and meet global standards.

c) To train younger generation through exposures to global educational requirements to become future leaders and professionals so as to positively contribute to social and economic uplift of the country.

d) To inculcate in the students such values which are compatible with our religion, culture, history, traditions, and social norms.

e) To educate the students to the dictates of the global market demands in various professions.

Not-for-Profit University Status

Shifa Tameer-e-Millat University is a federally chartered university that was established with Not-for-Profit status under Clause 3(1) of the Shifa Tameer-e-Millat University Act 2012.

Sponsors of the University

The visionary leadership of Shifa Family dreamt of providing the platform to the young generation for research-oriented quality education so that they can play their role in serving humanity with passion and empathy. Their dedication, pursuance and all out support resulted in the realization of said dream that resulted in establishment of the Shifa Tameer-e-Millat University, Islamabad. Shifa Family is also the sponsoring organizations of the Shifa Tameer-e-Millat University that includes the following:

- Tameer-e-Millat Foundation
- Shifa Foundation
- Shifa International Hospital, Islamabad

Organizational Structure of the University
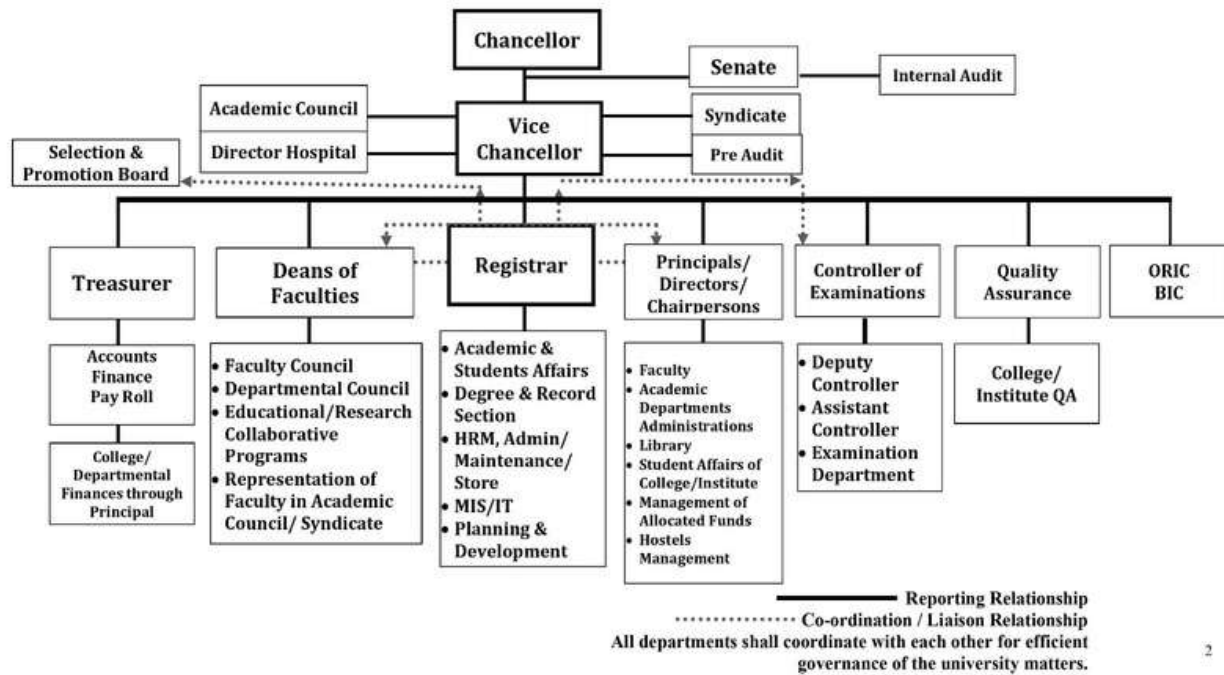
University Leadership

Chief Executives

Chancellor	Dr. Manzoor ul Haq Qazi
Vice Chancellor	Prof. Dr. Muhammad Iqbal Khan

Academic Leadership

Dean, Faculty of Health Sciences	Prof. Dr. Mohammad Amir
Dean, Faculty of Nursing & Midwifery	Prof. Dr. Raisa Gul
Dean, Faculty of Pharmaceutical & Allied Health Sciences	Prof. Dr. Tausif A. Rajput
Dean, Faculty of Social Sciences & Humanities	Prof. Dr. Muhammad Tahir
Principal, Shifa College of Dentistry	Prof. Dr. Anwar Ali Shah
Director, Park Road Campus	Prof. Dr. Muhammad Tanvir Afzal
Director, GIHD	Dr. Usman Hamdani

Administrative Leadership

Vice Chancellor	Prof. Dr. Muhammad Iqbal Khan
Registrar	Prof. Dr. Izhar Hussain
Controller of Examinations	Prof. (Emer) Mohammad Iqbal
Treasurer	Mr. Usman Ali

PART - I

Academic Activities

STMU offers diversified degree programs through its Faculties of Health Sciences, Nursing and Midwifery, Pharmaceutical & Allied Health Sciences, Social Sciences & Humanities and Computing. Its 5 Colleges, 1 Institute, 1 School and 5 Departments are offering undergraduate and/or graduate programs in the fields of Medicine, Dentistry, Health Professions Education, Nursing, Pharmaceutical Sciences, Medical Technology, Rehabilitation Sciences, Biosciences, Clinical Psychology, Management Sciences, English, Islamic Studies and Computing. Diploma and Certificate programs are also being offered in Health Professions Education, Nursing, Clinical Psychology, Medical Teaching, University Teaching, Family and Mental Health and others.

Knowledge Centers

05 faculties, 1 institute, 5 colleges, 1 school and 5 departments form an integral part of STMU academic ecosystem during the period of said report. These knowledge centers serve as dynamic hubs of quality teaching, innovative research, and collaboration, encompassing a wide array of disciplines and specialized domains. Each center represents a vibrant community of faculty, practitioners, researchers and students dedicated to advancing knowledge and addressing key challenges of our time. The faculty-wise list of all these knowledge centers is as below:

Faculty/ Institute	College/ School/ Department
Faculty of Health Sciences (FHS)	Shifa College of Medicine (SCM) Shifa College of Dentistry (SCD) Shifa School of Health Professions Education (SSHPE)
Faculty of Nursing and Midwifery (FNM)	Shifa College of Nursing (SCN)
Faculty of Pharmaceutical and Allied Health Sciences (FPAHS)	Shifa College of Pharmaceutical Sciences (SCPS) Shifa College of Medical Technology (SCMT) Department of Rehabilitation Sciences (DRS) Department of Biosciences (DBS)
Faculty of Social Science and Humanities (FSSH)	Department of Clinical Psychology (DCPsy) Department of Management Sciences (DMS)
Faculty of Computing (FC)	Department of Computing (DC)
Global Institute of Human Development (GIHD)	

Academic Programs

University's academic programs are designed to offer students a diverse range of educational opportunities that align with their interests and career goals. These programs are designed to provide students with a well-rounded education, equipping them with the necessary skills and knowledge to succeed in their chosen fields.

STMU is continuing its journey by offering a wide array of academic programs across various disciplines that include 23 bachelor's degree programs, 11 master's degree programs and 4 doctoral degree Programs. In addition, different faculties also offered several Diploma/ Certificate level programs during the period of said report. All academic programs offered by the university, during the period of said report, are listed below:

	Bachelor's Degree Programs
1.	Bachelor of Medicine and Bachelor of Surgery (MBBS)
2.	Bachelor of Dental Surgery (BDS)
3.	Bachelor of Business Administration (BBA)
4.	Bachelor of Science in Nursing (BSN)
5.	Bachelor of Science in Nursing (BSN Post RN)
6.	Bachelor of Science in Medical Technology (BS–MT)
7.	Bachelor of Science in Clinical Psychology (BS–CP)
8.	Bachelor of Science in Speech Language Pathology (BS–SLP)
9.	Bachelor of Science in Audiology (BS–Aud)
10.	Bachelor of Science in Accounting and Finance (BS–AF)
11.	Bachelor of Science in Health Services Management (BS–HSM)
12.	Bachelor of Science in Computer Science (BSCS)
13.	Bachelor of Science in Biotechnology
14.	Bachelor of Science in Microbiology
15.	Bachelor of Studies in English Literature and Linguistics (BS–ELL)
16.	Bachelor of Science in Artificial Intelligence (BS–AI)
17.	Bachelor of Science in Cyber Security (BS–CyS)
18.	Bachelor of Science in Software Engineering (BS–SE)
19.	Doctor of Physical Therapy (DPT)
20.	Doctor of Pharmacy (Pharm–D)
21.	Executive Master of Business Administration (EMBA)
22.	Associate of Science in Medical Technology (AS–MT)
23.	Associate of Science in Computer Science (AS–CS)

Master's Degree Programs	
1.	Master of Philosophy in Clinical Pharmacy Practice (M.Phil. CPP)
2.	Master of Philosophy in Pharmacology (Molecular) (M.Phil. Pharmacology)
3.	Master of Philosophy in Pharmaceutical Chemistry (M.Phil. Pharmaceutical Chemistry)
4.	Master of Business Administration (MBA)
5.	MHPE – Master in HPE
6.	Master of Science in Nursing (MSN)
7.	Master of Science in Clinical Psychology (MSCP)
8.	Master of Science in Physical Therapy (MS-PT)
9.	Master of Science in Management Sciences (MS-MS)
10.	Master of Science in Data Science (MS-DS)
11.	Certificate in Clinical Nutrition (CCN)
Doctoral Degree Programs	
1.	Doctor of Philosophy in Nursing (PhD Nursing)
2.	Doctor of Philosophy in Pharmaceutical Chemistry (PhD Pharmaceutical Chemistry)
3.	Doctor of Philosophy in Pharmacology (PhD Pharmacology)
4.	Doctor of Philosophy in Dentistry (PhD Dentistry)
Diploma/ Certificate Level Programs	
1.	Arabic Language Certificate (Short Course)
2.	Diploma in Medical Technology (DMT)
3.	Postgraduate Certificate (ICMT/CHPE-Certificate in Health Professions Education)
4.	Postgraduate Certificate (ICUT- International Certificate for University Teachers)
5.	Postgraduate Certificate in Bioinformatics (PCB)
6.	Certificate in Clinical Nutrition

Academic Programs

Total Academic Programs = 38

Legend:
- Bachelor's Degree Programs
- Master's Degree Programs
- Doctoral Degree Programs
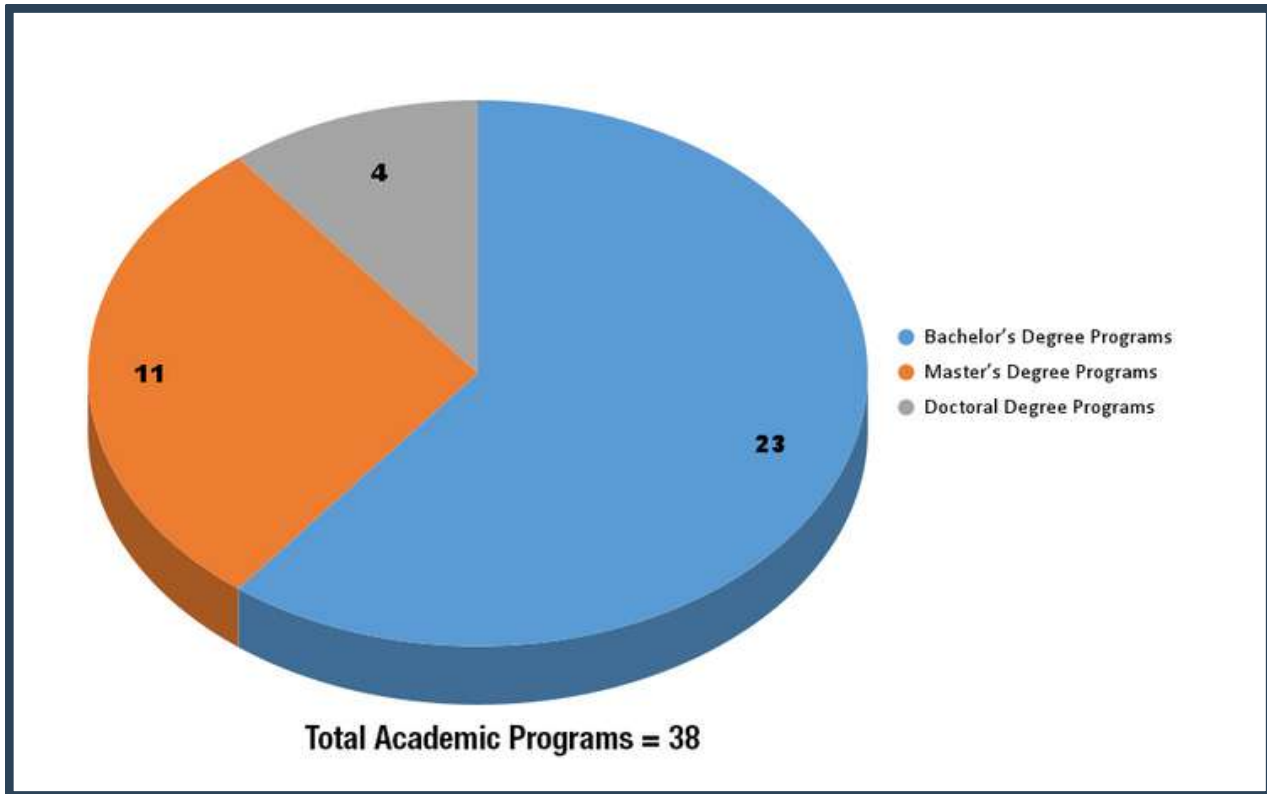
Launching of New Academic Programs

During the reporting period of 2022, the university successfully launched several new academic programs, expanding its offerings to cater to the evolving needs of students and industries. The details of all those programs launched during the year 2022 are given in table below:

Department		Academic Program launched during 2022
Shifa College of Pharmaceutical Sciences	1.	Master of Philosophy in Pharmaceutical Chemistry (M.Phil. Pharmaceutical Chemistry)
Department of Biosciences	1. 2. 3.	Bachelor of Science in Biotechnology (BS–BT) Bachelor of Science in Microbiology (BS–MB) Master of Science in Applied Biosciences (MS–AB)
Department of Computing	1. 2. 3. 4. 5.	Bachelor of Science in Artificial Intelligence (BS–AI) Bachelor of Science in Cyber Security (BS–CyS) Bachelor of Science in Software Engineering (BS–SE) Associate of Science in Computer Science (AS–CS) Master of Science in Data Science (MS–DS)

In addition, following Diploma/ Certificate programs were also offered by the university, for the first time, during the period under report:

1. Postgraduate Diploma in Health Professions Education (PGDHPE) in Collaboration with Center of Integration in Learning and Teaching (CILT)
2. Arabic Language Certificate (Short Course)
3. Postgraduate Certificate in Bioinformatics

Upcoming Academic Programs

STMU has planned to offer many new academic programs during the forthcoming year. These programs have either been approved by the relevant statutory bodies or are undergoing the approval process. By introducing these new programs, the university aims to attract a broader range of students, meet the evolving needs of students & industry, and contribute towards the intellectual and economic growth of the community. The university remains committed to meeting the highest academic standards, ensuring quality education, and nurturing the potential of its students. The list of all those programs expected to be offered during the forthcoming year is as below:

Programs to be offered in the next year	
1.	Bachelor of Science in Early Childhood & Care Education (BS-ECCE)
2.	Bachelor of Science in Economics (BS-Eco)
3.	Bachelor of Science in Educational Planning and Management (BS-EPM)
4.	Bachelor of Science in Mathematics and Statistics (BS-MS)
5.	Bachelor of Science in Supply Chain Management (BS-SCM)
6.	Bachelor of Studies in Islamic Studies (BSIS)
7.	Bachelor of Law (LLB)
8.	Master of Dental Surgery (MDS)
9.	Master of Family Medicine (MFM)
10.	Master of Science in Applied Biosciences (MS-ABS)
11.	Master of Science in Podiatric Medicine (MS PodMed)
12.	Master of Studies in Islamic Studies (MSIS)
13.	Doctor of Philosophy in Basic Medical Sciences (PhD-BMS)
14.	Doctor of Philosophy in Clinical Psychology (PhD CP)
15.	Doctor of Philosophy in Computer Science (PhD CS)

16.	Post Magistral Diploma in Clinical Psychology (PMD-CP)
17.	Postgraduate Certificate in Diabetic Foot (PGC-DF)
18.	Postgraduate Certificate in Mental Health and Research for Universal Health Coverage
19.	Postgraduate Diploma in Entrepreneurship (PGD-Entrepreneurship)
20.	Postgraduate Diploma in Human Resource Management (PGD-HRM)
21.	Postgraduate Diploma in Leadership and Management Studies (PGD-LMS)
22.	Diploma in Family Medicine (DFM)
23.	International Diploma on Mental Health, Law, Human Rights and Universal Health Coverage (IDMHLHR&UHC)

Graduation Highlights and Achievements

Till December 31, 2022, STMU has proudly produced a significant number of graduates, equipping them with the skills and knowledge necessary for their professional careers, and the presented data includes graduates from both bachelor's and master's degree programs across various faculties. STMU has conferred a total of 2985 degrees to its graduates, out of that 2745 degrees are conferred upon those graduated from bachelor's degree programs of different faculties and 240 degrees have been awarded to the scholars of master's degree program.

Further, during the reporting period of 2022, STMU continued its commitment to academic excellence and produced a total of 461 graduates including 393 from bachelor's degree programs and 68 from master's degree programs. The following table presents the faculty-wise number of total graduates as well as those who graduated during the period under report.

Faculty	Total Graduates Produced			Graduated During 2022		
	Bachelor's Programs Graduates	Master's Programs Graduated	Total	Bachelor's Programs Graduates	Master's Programs Graduated	Total
Faculty of Health Sciences	1030	30	**1060**	111	3	**114**
Faculty of Nursing	682	74	**756**	64	18	**82**
Faculty of Pharmaceutical and Allied Health Sciences	990	30	**1020**	188	22	**210**
Faculty of Social Sciences and Humanities	43	106	**149**	30	25	**55**
Total	2745	240	**2985**	393	68	**461**

The total number of graduates produced by the university reflects its commitment to nurturing future leaders and professionals. STMU remains dedicated to providing quality education, equipping students with the necessary skills, and fostering an environment that encourages intellectual growth and personal development.

Faculty-wise Total Graduates Produced

Total Graduates Produced

■ Bachelor's Programs Graduates ■ Master's Programs Graduated

Faculty	Bachelor's Programs Graduates	Master's Programs Graduated
Faculty of Health Sciences	1030	30
Faculty of Nursing	682	74
Faculty of Pharmaceutical and Allied Health Sciences	990	30
Faculty of Social Sciences and Humanities	43	106
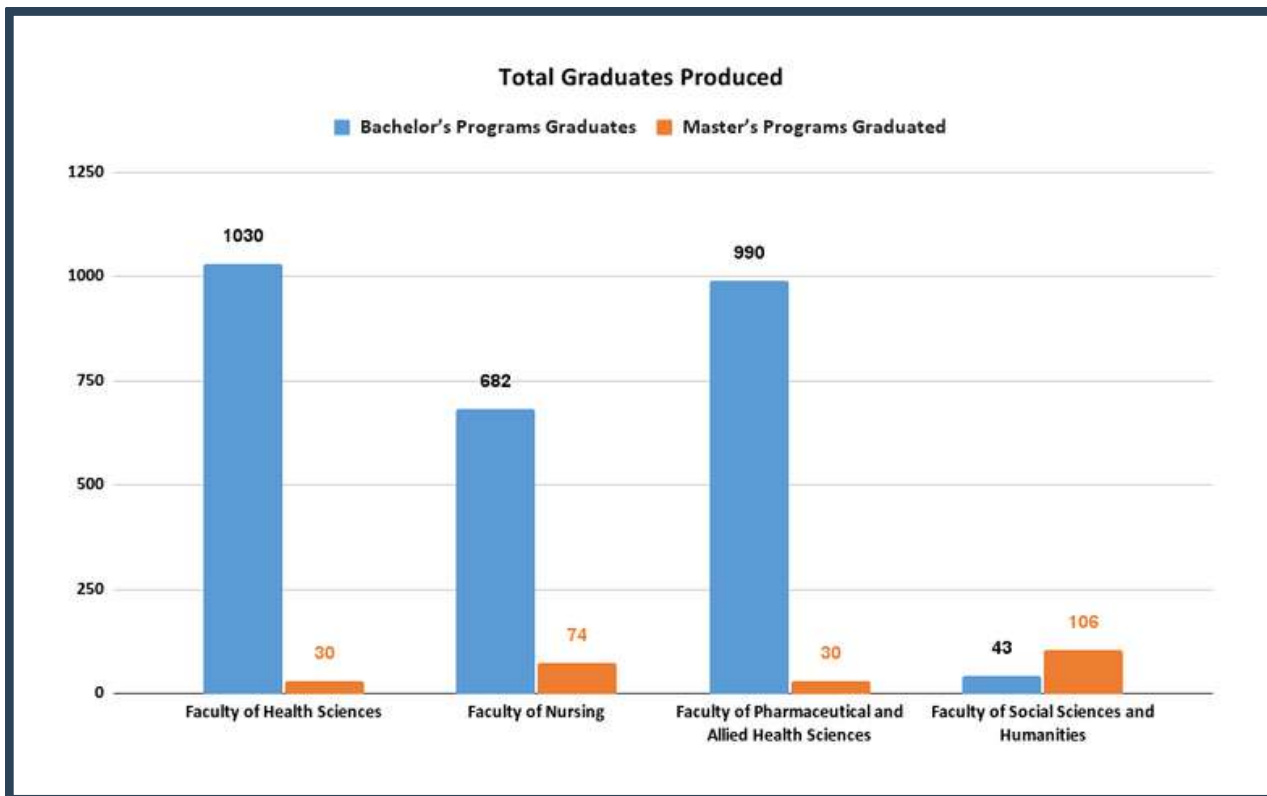
STMU's 8th Convocation

The convocation ceremony is a significant event for the Shifa Tameer-e-Millat University as it celebrates the academic achievements of our graduating students and thus it is celebrated on regular basis to award the degrees, in timely manner, to those who complete their studies at STMU. 8th convocation of STMU was held during the reporting period of this annual report on June 11, 2022, at Jinnah Convention Center, Islamabad in two sessions. It was a momentous occasion that brought together students, faculty members, families, and esteemed guests to commemorate the academic accomplishments of our graduating students from various disciplines and programs offered by the different colleges, school and departments of the university.

8th Convocation Ceremony

STMU was honored to have Lt. Gen. Nigar Johar Khan, 1st female Surgeon General of Pak Army, as the Chief Guest for the convocation ceremony of morning session and Dr. Amjad Saqib, founder of Akhuwat, as the chief guest of the afternoon session. Several esteemed dignitaries, including the Chancellor STMU Dr. Manzoor ul Haq Qazi Chairman Shifa Foundation and CEO Shifa International Hospital, Dr. Samea K. Ahmed Chairperson Tameer-e-Millat Foundation, Prof. Dr. Daud, Founding Vice Chancellor of Khyber Medical University, Peshawar, Prof. Dr. Zia-ul-Qayyum, Vice Chancellor of Allama Iqbal Open University graced the event with their presence, adding prestige and significance to the occasion. Members of the Senate, Syndicate, and the Academic Council of the University were also present during both the sessions of convocation.

Lt. Gen. Nigar Johar Khan

The convocation ceremony program included the recitation from Holy Quran, speeches of graduating students, addresses by the Chief Guests and the Vice-Chancellor, Prof. Dr. Muhammad Iqbal Khan. Lt. Gen. Nigar Johar Khan in her speech stressed the need to strengthen the research base in medical and allied health sciences in Pakistan. She felicitated the graduating students and

acknowledged the standards of the programmes in different disciplines offered at STMU. She further advised the graduates that dedication, devotion, sincerity, and hard work are the keys to long-term success.

Prof. Dr. Muhammad Iqbal Khan, Vice-Chancellor STMU

Prof. Dr. Muhammad Iqbal Khan, Vice-Chancellor STMU shared that STMU, since the commencement of its journey, is committed to excellence in education, tangible research, training, and cutting-edge services meeting national and international standards. His speech further highlighted the university's achievements, future goals, and congratulated the graduating students on their accomplishments.

The highlight of the convocation was the presentation of degrees and medals to the graduating students by the Chief Guests accompanying the Chancellor, the Vice Chancellor, respective Dean of the Faculty and Principal of College or Head of Department. Each graduate was individually recognized for their hard work, dedication, and academic achievements. The conferral of degrees symbolized the successful completion of their respective programs. During the convocation, outstanding achievements were acknowledged by the award of Medals and were celebrated loudly. This included recognition of students who had excelled in academics, research, community service, leadership, and other areas of distinction. Such achievements serve as a testament to the university's commitment to fostering well-rounded individuals.

During the 8th convocation ceremony Best University Teacher Award was also presented to the winner and first runner-up faculty members of the STMU in the form of certificates and cash awards of Rs. 100,000/- and 50,000/- respectively. Dr. Mustafeez Barbar Associate Professor, Shifa College of Pharmaceutical Science received the winner award while Prof. Dr. Abida Shaheen, Shifa College of Medicine got the first runner-up award.

STMU is proud of the achievements of its graduates and confident in their abilities to make a positive impact in their chosen fields. The convocation serves as a reminder of the university's commitment to nurturing talent, fostering academic excellence, and shaping future leaders. STMU will continue supporting its graduates throughout their professional journeys and look forward to witnessing their continued success and contributions to society.

Academic Collaborations and Linkages

The strength and success of a university is often measured by its ability to establish meaningful academic collaborations and linkages with institutions worldwide. These partnerships not only broaden the university's academic reach but also facilitate knowledge exchange, research opportunities, and cultural enrichment.

Academic collaborations and linkages lie at the heart of Shifa Tameer-e-Millat University's commitment to excellence in education. By nurturing partnerships with leading organizations/ institutions, university has created a vibrant ecosystem of students' trainings and internships, knowledge exchange, research collaboration, and in the areas of mutual interest. The diverse range of effective academic collaborations and linkages that STMU has developed or continued with International and National Organizations/ Institutions, during the period covered under the said annual report, are listed in tables below:

International Academic Collaborations

S. No	Name of the Organization/ Institution	Country	Field of Cooperation	Effective
1.	University of Turku (UTU), Finland	Finland	1. Exchange of students 2. Joint teaching activities 3. Joint research activities 4. Visits and exchange of, scholars, teachers and other staff	March 5, 2020
2.	Bitnine Co. Ltd., Seoul	The Republic of Korea	Education and Scientific Training of students of Department of Computer Science	2022
3.	Ferghana Branch Tashkent Medical Academy	Tashkent, Uzbekistan	Improving the quality of medical education and medical care.	July 27, 2020
4.	Firefly International: International College of Podiatric Medicine (ICPM)	Sligo, Ireland	Development and Delivery of Curriculum, Clinical Training, Sharing of Clinical Facilities	October 24, 2019
5.	International University of the Kyrgyz Republic	Bishkek, Kyrgyzstan	Faculty and student exchange. Joint research activities and short-term academic programs.	March 3, 2016
6.	Physiopedia Plus Ltd, London	UK	Collaboration for Academic activities of the Department of Rehabilitation Sciences	2022
7.	Dinouaux, London,	UK	Internships/ Trainings/ Placements of students of Computer Sciences	2022

8.	Alight	Pakistan Chapter	Field assessment of Afghan refugees	August 22, 2022
9.	World Health Organization	Country Office, Pakistan	Promotion of universal health coverage. Development of Health Workforce and System.	July 14, 2022

National Academic Collaborations

S. No	Name of the Organization/ Institution	Field of Cooperation	Effective
Shifa College of Medicine (SCM)			
1.	Federal Medical College (FMC), Islamabad	Collaboration in Clinical Sciences education, Research and in the areas of mutual interest	October 7, 2022
2.	Kabir Medical College, Peshawar	Teaching and Training of Students Elective	August 3, 2022
3.	Al Khidmat Razi Hospital, (CBR Town) Islamabad	Collaboration in Clinical Sciences education, Research and in the areas of mutual interest	February 17, 2022
4.	Peshawar Medical College, Peshawar	Collaboration in Clinical Sciences education, Research and in the areas of mutual interest	September 14, 2021
Shifa College of Nursing (SCN)			
5.	Bilal Hospital, Rawalpindi	Clinical Nursing Education and Practice. Professional Development, Internship and Training.	October 15, 2022
6.	College of Nursing, Foundation University, Islamabad	Professional Development and Program Delivery and Assessment	November 24, 2020
Shifa College of Medical Technology (SCMT)			
7.	Sardar Ali Raja Foundation (SARF), Islamabad	Internship/Training: Ongoing Activities for Students	July 21, 2022
8.	Bahawal Victoria Hospital, Bahawalpur	Internship/Training: Ongoing Activities for Students	June 27, 2022
9.	Regional Head Quarter Hospital, Gilgit Baltistan	Internship/Training: Ongoing Activities for Students	June 24, 2022
10.	Punjab Institute of Cardiology Lahore	Internship/Training: Ongoing Activities for Students	June 15, 2022
11.	Bahria International Hospital, Bahria Phase-8, Rawalpindi	Internship/Training: Ongoing Activities for Students	June 15, 2022

12.	KRL Hospital, Sector G-9, Islamabad	Internship/Training: Ongoing Activities for Students	June 14, 2022
13.	DHQ Hospital, Mandi Bahauddin	Internship/Training: Ongoing Activities for Students	June 13, 2022
14.	Natalia Color Doopler Ultrasound Digital X-ray Center, Kottli AJK	Internship/Training: Ongoing Activities for Students	June 13, 2022
15.	Pakistan Aeronautical Complex Hospital, Kamra	Internship/Training: Ongoing Activities for Students	June 9, 2022
16.	POF Hospital, Wah Cantt.	Internship/Training: Ongoing Activities for Students	June 5, 2022
17.	Cantonment Hospital, Sadder, Rawalpindi	Internship/Training: Ongoing Activities for Students	June 5, 2022
18.	D.H.Q Hospital, Gujranwala	Internship/Training: Ongoing Activities for Students	May 31, 2022
19.	Shifa International Hospitals Ltd., Islamabad	Internship/Training: Ongoing Activities for Students	May 31, 2022
20.	Capital Development Authority Hospital, G-6/2, Islamabad	Internship/Training: Ongoing Activities for Students	May 12, 2022
21.	Shifa International Hospitals Ltd., Islamabad	1. Medical Education/ Teaching 2. Student Training 3. Research Integration Intellectual Property & Research Integration / Collaboration Agreements	June 2, 2020
22.	National University of Technology, (NUTECH), Islamabad	Visit of NUTECH Students and Faculty industrial study program	November 27, 2019
Shifa College of Pharmaceutical Sciences (SCPS)			
23.	Crest Pharmaceuticals, Islamabad	**Primary** Industrial Exposure and Curricular Activities	July 13, 2018
24.	Inshal Pharma, Islamabad		March 10, 2021
25.	Genome Pharmaceuticals, Rawalpindi		July 6, 2018
26.	Mediland Pakistan Pvt. Ltd., Rawalpindi		March 10, 2021
27.	Nimrall Laboratories, Islamabad	**Secondary** - Optional and based on mutual understanding of both the parties: Development and Research	September 9, 2018
28.	Linear Pharma, Islamabad		June 21, 2021
29.	Aptly Pharmaceuticals, Faisalabad		June 28, 2021

30.	Karsons Pharmaceuticals, Islamabad		December 3, 2021
31.	Noble Pharma, New Mirpur City, Azad Jammu and Kashmir		December 13, 2021
Department of Biosciences (DBS)			
32.	Safe Blood Transfusion Program (SBTP), Regional Blood Centre (RBC), Islamabad, Ministry of National Health Services, Regulations & Coordination	Creating awareness about voluntary blood donation and genetic disorders like thalassemia and hemophilia	December 29, 2022
33.	Department of Biotechnology, Quaid-i-Azam University, Islamabad	STMU faculty as Resource Person/Trainer for Biological Safety and Risk Management Workshop	December 19, 2022
Department of Rehabilitation Sciences (DRS)			
34.	Global Management Team (GMT), Rehab Centre and Hearing Aid Stores, Rawalpindi	Internship, Training & Development and Curricular Support: Ongoing Activities	August 2, 2022
35.	Physiopedia Plus Ltd. (UK based Online Organization)		June 2, 2022
36.	Pakistan Institute of Medical Sciences (PIMS), Islamabad		February 16, 2022
37.	Alkhidmat Foundation (Punjab North)		October 14, 2021
38.	Paraplegic Centre, Peshawar		August 4, 2021
39.	Alkhidmat Foundation, Islamabad		February 4, 2021
40.	Rawalpindi Institute of Cardiology, Rawalpindi		January 25, 2021
University Collaborations			
41.	Fazaia Ruth Pfau Medical College, Karachi	Training & Development w.r.t health professions education. Exchange of students and faculty.	December 28, 2022
42.	Central College of Family Physicians (CCFP), Lahore	Capacity building of General Practitioners and Family Physicians.	December 27, 2022
43.	Karakoram International University, Gilgit	Student and Faculty Exchange. Training, Development and Research.	July 1, 2022
44.	Teamup, Islamabad	Faculty, Students, Researchers and Staff Exchange. Training of trainers.	October 26, 2021

45.	National Institute of Banking and Finance (NIBAF), Islamabad	Development and Grooming of young human resource in the field of banking and finance.	February 19, 2019
46.	Rawalpindi Medical University, Rawalpindi	Exchange of facilities: Pharmacology Lab and Animal House	December 20, 2018
47.	Shifa International Hospitals Ltd., Islamabad	Cooperation for academic and professional endeavors	June 2, 2018

Visits of Foreign Delegations

S. No.	Name/Description of the Delegate	Organization/ Institution and/or Country	Purpose of Visit and any outcome (a very short description)
Shifa College of Medical Technology (SCMT)			
1.	Dr. Anna Margareta Axelin; Ms. Katri Johanna Salonen; Dr. Hannakaisa Maria Niela–Vilén, Mr. Wille Anders Eerola	University of Turku (UTU), Finland	1. Exchange Program for the faculty and Students 2. Initiation of MS 3. Innovations in Learning 4. Initiation of Mutual Research Programs in Medical Technology 5. Scholarships and Financial Aid Programs
Global Institute of Human Development (GIHD)			
2.	Dr. Ashley Hagaman, PhD, Assistant Professor of Public Health in the Department of Social and Behavioral Sciences	Yale University, USA	To conduct a Qualitative Research Methods Workshop for the research staff of GIHD and the students of STMU

PART - II

Research and Development

Research and development play a vital role in advancing knowledge, fostering innovation, and contributing to socio-economic development. Research and development activities of a university contribute towards expanding the frontiers of knowledge, uncovering new discoveries, and pushing the boundaries of human understanding in various fields. A strong research culture enhances the academic standing of the university, attracting talented faculty members, students, collaborators and serving the communities. Research-led teaching ensures that students receive up-to-date knowledge and are exposed to cutting-edge developments in their respective disciplines that prepares them to address societal challenges, improve quality of life, and contribute to social well-being.

STMU is committed towards encouraging a vibrant research and development ecosystem that encourages faculty, researchers, and students to pursue excellence in their respective fields and together with quality teaching, putting its resources and efforts for enhancing the research, development, innovation, and commercialization activities of the university.

Office of Research, Innovation and Commercialization (ORIC) at STMU was initially established in July 2021 and the ORIC Steering Committee (SC) was constituted as per the guidelines of HEC. A Strategic 5-year plan was prepared and was approved by the SC. The establishment of ORIC at STMU was finally approved by the HEC in October 2022. The ORIC at STMU functions with the following vision, mission and objectives:

Vision	To enhance the knowledge economy through cutting-edge research and innovation.	
Mission	In order to achieve the premier international standards, the university will develop and enhance research environment to ensure and foster the quality research activities of the institute and its conversion into viable products and services in liaison with the industrial expertise and funding / donor agencies to cope up the current and industrial challenges.	
Objective	1.	To develop and implement research directions and policies.
	2.	To promote, expand and enhance the research activities of STMU.
	3.	To guide and encourage the university faculty members to acquire local and external funding.
	4.	To facilitate the curriculum committees in integrating the research and course materials.
	5.	To translate the research outcomes into social and industrial development
	6.	To make linkage between university and industries.
	7.	To facilitate and encourage the students and faculty members for entrepreneurship, technology- transfer and commercialization.
	8.	To facilitate and encourage the faculties to develop multi-disciplinary and multi-institutions research projects.

Research Related Activities

The Directorate of Research at STMU is responsible for various research–related activities and initiatives at the university. It manages the STMU grants process, evaluates research rewards applications, and organizes various events and trainings for professional development and knowledge sharing. It also supports the research activities of all faculties and informs them about external opportunities for collaboration, learning, and funding. The directorate aims to enhance the research culture and capacity of STMU staff and students.

The section of Innovation and Commercialization of ORIC at STMU guides and facilitates faculty members and researchers for registration of intellectual property (Patent, copyright, and trademarks). This section also facilitates the linkage between STMU and the industries by inviting the industrial experts in the university and opens the opportunities for the staff, students and faculty members.

ORIC at STMU is advancing rapidly, especially in the areas of Research Projects, Travel Grants, Patents, and publication of Research Papers in national and international journals by STMU faculty. During the reporting period 2022, a total of 177 research projects were submitted to IRB and 157 proposals were approved. Four Travel Grant applications were submitted and approved during the same period. During the reporting period (January 1, 2022, to December 31, 2022), ORIC carried out the following activities.

STMU Research Grant Program

The following faculty members of STMU succeeded in winning the research fundings totaling an amount of PKR. 1,381,038/- under the STMU Research Grants Program:

Sr. No	Name	Department/ Faculty	Research title	Amount awarded (PKR)
1	Dr. Ammara Yousaf	Physiology, SCM, Faculty of Health Sciences	Effects of Adropin on Gentamicin induced acute kidney injury in Sprague Dawley rats	818,538/-
2	Dr. Mustafeez Babar	Biosciences, Faculty of Allied Health Sciences	Characterization of Bacteriophages with Antimicrobial Potential for the Treatment of Bacterial Infections	562,500/-

STMU Research Rewards

The STMU research community published 104 papers in reputable journals indexed in Scopus and web of science. This reflects the high quality and impact of their research work in various fields. The university recognized and appreciated the efforts of 47 faculty members and researchers by granting them research rewards worth PKR 1,080,218/-

Research Projects

STMU has the policy of actively pursuing research funding opportunities from national and international agencies, industry partners, organizations and other sources. This financial support enables faculty members/ researchers to undertake innovative projects, acquire necessary resources, and collaborate with experts in their fields. The efforts for submitting research projects proposals, by the STMU faculty members, to different national and international funding agencies/ organizations, are made each year and research is carried out with the support of the funds won through these projects. The following is the detail of research grants/ projects won by faculty members at STMU, with their status as approved, completed or in-progress during the reporting period:

Sr. No	Funding Agency	Recipient's Name/ Department	Project Title	Amounts PK Rs. in millions	Status (Completed / In-progress)
1.	HEC, Pakistan	Prof. Dr Fouzia Sadiq / ORIC	Genetic screening of patients with Dyslipidaemia and mapping of Hypercholesterolemia infrastructure in Pakistan.	5.6	In-Progress
2.	British Asian Trust	Dr. Syed Usman Hamdani / GIHD	Integrating of Mental Health within Primary Health Care.	18.7	In-Progress
3.	National Institute of Mental Health USA	Dr. Syed Usman Hamdani / GIHD	School based stepped care Treatment for adolescent depression in Pakistan- a Sequential Multiple Assignment Randomized Trial (SMART-STEP)	803.6	In-Progress
4.	University of London, UK	Dr. Raisa Gul / SCN	Exploring contextual determinants of leadership and policy engagement of nurses in Pakistan.	2.2	In-Progress
5.	Scripps Research, San Diego, USA	Prof. Dr. Fouzia Sadiq / ORIC	Genome sequencing of SARS-CoV-2.	0.5	In-Progress
6.	British Asian Trust	Dr. Syed Usman Hamdani / GIHD	School Mental Health Program.	29.6	In-Progress

| 7.	Yale University, USA	Dr. Syed Usman Hamdani / GIHD	Opportunities for suicide prevention integration into task-shifted mental health interventions in low-resourced context.	**4.7**	**In-Progress**
8.	University of Ljubljana, Slovenia	Prof. Dr. Fouzia Sadiq / ORIC	FH Genome sequencing.	**3.7**	**In-Progress**
9.	Institute for Molecular Medicine, Finland	Prof. Dr. Fouzia Sadiq / ORIC	Genome-wide genotyping of COVID-19 patients.	**13.2**	**In-Progress**
10.	University of North Caroline at Chapel Hill, USA	Dr. Syed Usman Hamdani / GIHD	Early life adversities and the emergence of risk and resilience: a longitudinal study of child development.	**45.2**	**In-Progress**
11.	The University of Liverpool, UK	Dr. Syed Usman Hamdani / GIHD	"Research and Innovation for Global Health Transformation" in a relation to a project entitled "ENHANCE: Scaling up Care for perinatal Depression through Technological Enhancements to the 'Thinking Healthy Program'.	**616.9**	**In-Progress**
12.	London School of Hygiene & Tropical Medicine, UK	Dr. Syed Usman Hamdani / GIHD	Further studies of Traexamic Acid for Control Post-Partum Haemorrhage – Woman 2", Woman PTXA.	**440.5**	**In-Progress**
13.	Imperial College London, UK	Prof. Dr. Fouzia Sadiq / ORIC	Familial Hypercholesterolemia (FHSC) registry.	**0.5**	**In-Progress**
14.	World Health Organization	Dr. Sabeen Abid / SCM	National Surveillance of Poliovirus Excretion in Primary. Immunodeficiency Children.	**30k per patient**	**In-Progress**
Total				**Approx. 1,988.3 Million**	

Research Publications

Faculty and researchers at STMU have demonstrated a strong commitment towards producing high-quality research publications. This includes publications in reputable peer-reviewed journals, conference presentations, book chapters, and other scholarly works.

The rise in the number of research publications in STMU since its establishment is phenomenal and proves that the research being done by the faculty and researchers at STMU/ SIH is innovative and internationally recognized. Until December 2022, a total of 1955 research papers have been published by the STMU/ SIH faculty and researchers whereas during 2022 the number of research publications stands at 413. A year-wise summary of the published research papers is provided below:

Year	Number of Publications
2013	59
2014	76
2015	93
2016	172
2017	174
2018	165
2019	207
2020	239
2021	357
2022	413

Publications by Year
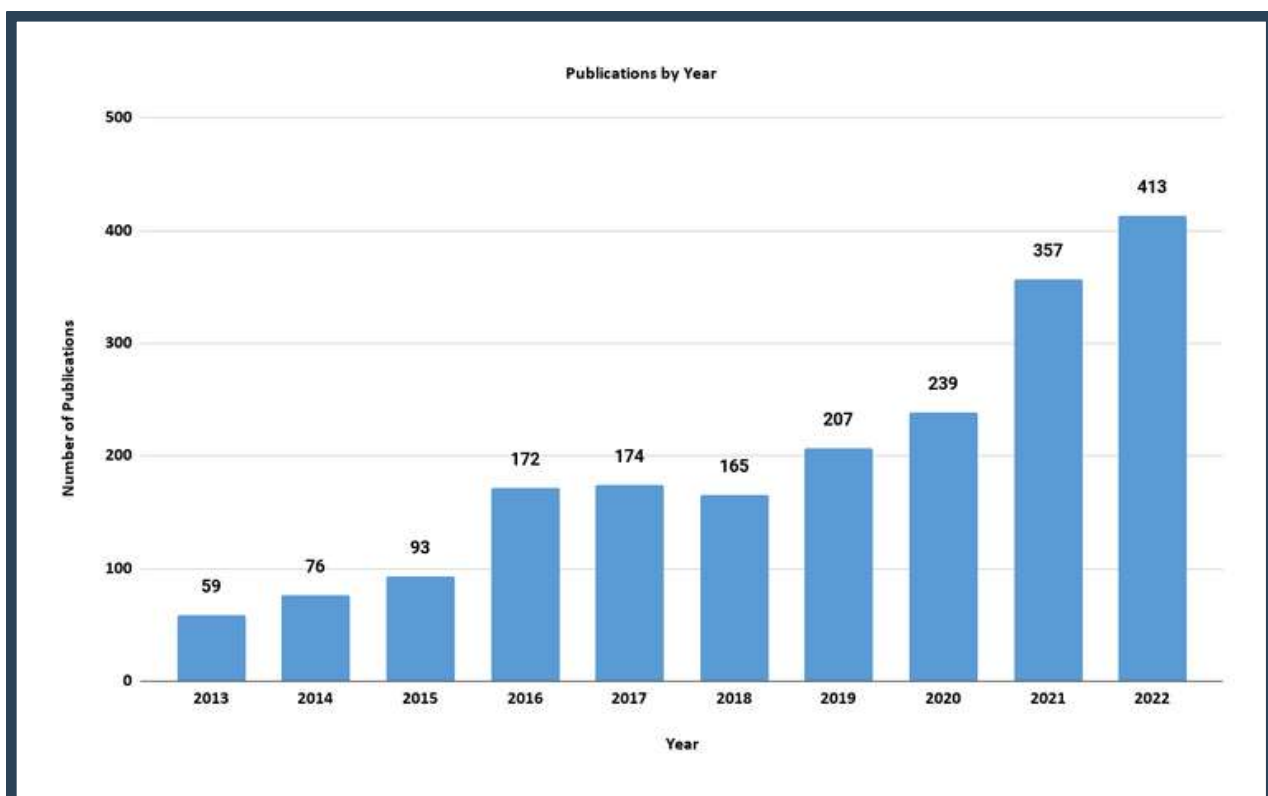
Conferences, Seminars, and Workshops

STMU – ORIC has arranged numerous workshops, conferences, seminars, and symposiums since its inception and its faculty, students, staff and academic community at large has benefitted from these activities carried out at STMU. STMU organized the following research related activities during the reporting period:

Sr. No	Title of workshop, seminar, symposium	Date of Event	Type of Event	Place
1.	Data Management & Statistical Analysis Using SPSS	2/2/2022	Workshop	Shifa College of Pharmacy, STMU
2.	Sample size calculation	5/2/2022	Workshop	Shifa College of Nursing, STMU
3.	One-Day Workshop on Advanced Statistical Analysis Using SPSS	22/2/2022	Workshop	Shifa College of Pharmacy, STMU
4.	Resume for Researchers	21/3/2022	Workshop	Online
5.	Mendeley- Reference management	27/4/2022	Workshop	Shifa College of Medicine
6.	Research Support for Trainees Faculty	17/5/2022	Seminar	Shifa International Hospital
7.	Ethical Conduct of Research	23/8/2022	Seminar	Shifa College of Computing & Dept of Clinical Psychology, Park Road Campus
8.	Ethical Conduct of Research	2/9/2022	Seminar	Shifa College of Dentistry
9.	Preserving Life	8/9/2022	Symposium	Shifa College of Medicine
10.	Thesis writing: Overview Chapter	27/ 6/ 2022	Workshop	Shifa College of Nursing, STMU
11.	Thesis writing: Literature Analysis and synthesis	29/ 6/ 2022	Workshop	Shifa College of Nursing, STMU
12.	Thesis writing: Research Methodology	30/ 6/ 2022	Workshop	Shifa College of Nursing, STMU
13.	Thesis Writing: Presentation of Findings	1/ 7/ 2022	Workshop	Shifa College of Nursing, STMU
14.	Thesis Writing: Making sense of the Discussion	4/ 7/ 2022	Workshop	Shifa College of Nursing, STMU

15.	Identifying and Developing a Researchable Question	11/ 5/ 2022	Workshop	Shifa College of Nursing, STMU
16.	Literature Review and Synthesis	11/ 5/ 2022	Workshop	Shifa College of Nursing, STMU
17.	International Nurses Week: Research Presentations	10/ 5/ 2022	Symposium	Shifa College of Nursing, STMU
18.	Principles of Designing Assessment Checklist for Psychomotor Skills	11/ 5/ 2022	Workshop	Shifa College of Nursing, STMU
19.	Teaching & Learning: Rubric Development	11/ 5/ 2022	Workshop	Shifa College of Nursing, STMU
20.	The Nuts and Bolts of Publications	11/ 11/ 2022	Faculty Development Session	Shifa College of Nursing, STMU
21.	Randomized Clinical trial: The information which a text book does not teach	15/ 11/ 2022	Faculty Development Session	Shifa College of Nursing, STMU
22.	The Joy and Hardship of Graduate student supervision	22/ 11/ 2022	Faculty Development Session	Shifa College of Nursing, STMU
23.	Designing Effective Essay Questions	3/01/2022	Workshop	Shifa College of Pharmaceutical Sciences
24.	Orientation of M.Phil. Programs SCPS (Spring 2022)	4/01/2022	Student Orientation Session	Shifa College of Pharmaceutical Sciences
25.	PBL Mastery Workshop (Conduction and Facilitation)	7/2/2022	Workshop	Shifa College of Pharmaceutical Sciences
26.	An Introduction to Integrated Curriculum	18/4/2022	Workshop	Shifa College of Pharmaceutical Sciences
27.	Harden Ladder	19/4/2022	Workshop	Shifa College of Pharmaceutical Sciences
28.	Educational Environment	20/4/2022	Workshop	Shifa College of Pharmaceutical Sciences
29.	Modes of Tnformation Transfer	21/4/2022	Workshop	Shifa College of Pharmaceutical Sciences
30.	Assessment Modalities	22/4/2022	Workshop	Shifa College of Pharmaceutical Sciences

31.	School House Training	19/12/2022	Workshop	Shifa College of Pharmaceutical Sciences
32.	Post Hoc Measures at SCD	13/ 1/ 2022	Workshop	Shifa College of Dentistry, STMU
33.	Introduction to Cone Beam CT and image analysis: an Interactive Workshop	11/ 2/ 2022	Workshop	Shifa College of Dentistry
34.	Development and Implementation of Integrated Structured Clinical Exam (ISCE) at SCD	10/ 3/ 2022	Workshop	Shifa College of Dentistry, STMU
35.	Interactive Lectures	21/ 4/ 2022	Workshop	Shifa College of Dentistry, STMU
36.	Small Group Discussions	31/ 5/ 2022	Workshop	Shifa College of Dentistry, STMU
37.	Team Based Learning	21/ 5/ 2022	Workshop	Shifa College of Dentistry, STMU
38.	Maintaining Quality in Integrated Assessments	27/ 7/ 2022	Workshop	Shifa College of Dentistry, STMU
39.	OSCE/ISCE: Assessment Processes at SCD	31/ 8/ 2022	Workshop	Shifa College of Dentistry, STMU
40.	"The cliché of Professionalism: A flipped workshop"	12/ 10/2022	Workshop	Shifa College of Dentistry, STMU
41.	Atraumatic life support (ATLS)	17/ 6/ 2022	Workshop	Shifa College of Dentistry, STMU
42.	3D CAD/CAM Clear Aligner Technology	7/ 10/ 2022	Workshop	Shifa College of Dentistry, STMU
43.	Introduction to Statistics in Dentistry using SPSS	10/ 6/ 2022	Workshop	Shifa College of Dentistry, STMU
44.	First Shifa Endodontic Symposium	18/ 12/2022	Symposium	Operative/Endodontic
45.	Islamic Monotheism as the Foundation of Islamic Psychology	15/06/2022	Seminar	Department of Clinical Psychology
46.	4 days training on Traditional Islamically Integrated Psychotherapy (TIIP)	20–23/06/ 2022	Training	Department of Clinical Psychology

47.	Celebration of International Anti-Narcotics Day	07/07/ 2022	Seminar	Department of Clinical Psychology
48.	NVIVO Qualitative Analysis	19/08/ 2022	Workshop	Department of Clinical Psychology
49.	Comprehensive Assessment of At-Risk Mental State	22/09/ 2022	Workshop	Department of Clinical Psychology
50.	Public Mental Health in Pakistan: Opportunities and Challenges	31/10/2022	Seminar	Department of Clinical Psychology
51.	Importance of Self Awareness and Examination of Breast Cancer & Mental Health Aspects in Breast Cancer Patients	27/10/ 2022	Seminar	Department of Clinical Psychology
52.	AIDS Awareness Campaign	16/12/2022	Seminar	Department of Clinical Psychology
53.	Training on Graphizer by Bitnine	10/2/2022	Training	Department of Computing
54.	Career Counselling session for students by Andrew Ko	10/2/2022	Seminar	Department of Computing
55.	Shifa Asaan Earning	27/6/2022	Freelancing Training	STMU PRC / Department of Computing
56.	Drupal Training	17/8/2022	Hands on Training	STMU PRC / Department of Computing
57.	Modern Cyber Landscape and Career in Cyber Security	22/8/2022	Seminar	STMU PRC / Department of Computing
58.	Iqbal Day	11/11/2022	Seminar	STMU PRC / Department of Computing
59.	Robotics Workshop	15/11/2022	Workshop	STMU PRC / Department of Computing
60.	COD 4 Gaming Competition	23/22/2022	E Gaming	STMU PRC / Department of Computing
61.	Anti-Corruption Awareness session	2/12/2022	Seminar	STMU PRC / Department of Computing
62.	Freelancing as a Career	30/12/2022	Seminar	STMU PRC / Department of Computing

63.	Orientation session on Small Group Discussions (SGDs).	January 19, 2022	Workshop	Shifa College of Medicine–DHPE–STMU
64.	Orientation session for new faculty	April 20, 2022	Workshop	Shifa College of Medicine–DHPE–STMU
65.	How to Conduct Small Group Discussions (SGDs).	September 08, 2022	Workshop	Shifa College of Medicine–DHPE–STMU
66.	How to Write good quality MCQs	September 15, 2022	Workshop	Shifa College of Medicine–DHPE–STMU
67.	Multiple Mini Interviews MMIs training workshop for the Faculty of Pharmaceutical sciences – STMU	October 14, 2022	Workshop	Shifa College of Medicine–DHPE–STMU
68.	Orientation session	December 13, 2022	Workshop	Shifa College of Medicine–DHPE–STMU
69.	Jinnah's Islamic Vision of Pakistan	January 29, 2022	Webinar	STMU Conference room
70.	Innovations in Digital Learning	March 26, 2022	Seminar	Shifa College of Medicine–DHPE–STMU
71.	Instructional scaffolding to improve critical thinking and clinical reasoning of medical students: Team–Based Learning in an Online Synchronous Setup	June 25, 2022	Seminar	Shifa College of Medicine–DHPE–STMU
72.	Competency based Medical Education: Insights and Challenges	July 30, 2022	Seminar	Shifa College of Medicine–DHPE–STMU
73.	SCM Through the Lens of WFME	Sep 24, 2022	Seminar	Shifa College of Medicine–DHPE–STMU
74.	Step wise approach to construct an assessment blueprint for undergraduate theory examinations	December 10, 2022	Seminar	Shifa College of Medicine–DHPE–STMU
75.	11th Shifa Annual Scholars' Day 2022	26 September, 2022	Hybrid poster competition(online & On Campus)	Lecture Hall Year –1, SCM– Department of Community Medicine and DHPE

Research Collaborations

Research collaborations play a pivotal role in driving innovation, advancing knowledge, and addressing complex societal challenges. As a leading university committed towards academic excellence, STMU actively fosters research collaborations with renowned institutions worldwide. STMU has established strategic partnerships with world renowned universities and esteemed research institutions. These collaborations bring together multidisciplinary teams of researchers who pool their expertise, resources, and perspectives to tackle complex research questions. By fostering a culture of collaboration, the university believes in facilitating groundbreaking research in areas such as health, medicine, dentistry, nursing, pharmaceutical and allied health sciences, social sciences & humanities, and computing. The list of few international collaborations is given in table below:

S. No	Name of the Organization/ Institution	Country	Field of Cooperation	Effective
Shifa College of Nursing (SCN)				
1.	University of Venda	South Africa	To foster collaboration for research activities and joint projects. To collaborate for the academic and clinical interchange of faculty members and graduate students.	May 28, 2020
STMU Directorate of Research				
1.	Broad Institute of Massachusetts Institute of Technology and Harvard University	USA	Joined COVID-19 Host Genetics Initiative to screen severe COVID-19 patients.	2021 On going
2.	Familial Hypercholesterolemia Studies Collaboration	UK/Europe	Professor Fouzia Sadiq as National Lead for contributing data into global registry of Familial Hypercholesterolemia based at Imperial College London	November, 2018
3.	University of Ljubljana	Slovenia	Genetic screening of Familial hypercholesterolemia and rare dyslipidaemia patients and their family members.	On going

GIHD-STMU Collaborations in the Field of Mental Health Research

Global Institute of Human Development (GIHD) at Shifa Tameer-e-Millat University (STMU) is proud to have established fruitful collaborations and is engaged in joint work with esteemed universities and organizations worldwide in the field of Mental Health Research. Through these collaboration GIHD-STMU has gained access to a wider range of funding opportunities and grants that support collaborative research projects, particularly in the field of Mental Health Research, enabling researchers to pursue ambitious and high-impact investigations. Resultantly the university has been able to embark on large-scale research initiatives, attract top-tier talent, and enhance the research infrastructure necessary for cutting-edge discoveries. These collaborations have not only facilitated research advancements and knowledge exchange but have also played a pivotal role in addressing the global challenges associated with mental health.

International Collaborations

Throughout the reporting period, GIHD-STMU has partnered with 17 prestigious universities and organizations across the globe. These esteemed institutions are located in various countries, including the United Kingdom, the United States of America, Australia, Vietnam, Egypt, and Switzerland. By fostering these international collaborations, STMU has expanded its network and gained access to diverse perspectives, expertise, and resources. Such collaborative research not only enhances the reputation and standing of STMU but also contributes to the advancement of knowledge in the field of mental health, ultimately benefiting individuals and communities both locally and globally. The details of foreign universities and international organizations collaborating with GIHD-STMU, in the field of "Mental Health Research" are given in table below:

S. No	Name of the Organization/ Institution	Country	Date of Signing
1.	John Hopkins University	USA	1st May 2020
2.	The University of Liverpool	UK	1st May 2020
3.	University of North Carolina, Chapel Hill	USA	1st May 2020
4.	Duke University	USA	1st May 2020
5.	Yale University	USA	1st May 2020
6.	Columbia University	USA	1st May 2020
7.	The University of Essex	UK	1st May 2020
8.	The University of Melbourne	Australia	1st May 2020

9.	The University of Zurich	Switzerland	1st May 2020
10.	Universitas Gadjah Mada (UGM)	Indonesia	17th November 2022
11.	Institute of Sociology (IOS), Vietnam Academy of Social Sciences, Vietnam	Vietnam	17th November 2022
12.	General Secretariat of Mental Health and Addiction Treatment (GSMHAT), Ministry of Health	Egypt	17th November 2022
13.	UNICEF, head quarter	USA	17th November 2022
14.	University of Washington	USA	13th September 2022
15.	Michigan University	USA	13th September 2022
16.	University of Liverpool	UK	13th September 2022
17.	Liverpool School of Tropical Medicine	UK	13th September 2022

National Collaborations

Together with partnering foreign universities and organizations, GIHD–STMU also remained involved with national organizations and universities in its collaborative research activities in the field of Mental Health Research. The list of national organizations is given in table below:

S. No	Name of the Organization/ Institution	Effective
1.	WHO Country Office	5 July 2022
2.	Ministry of National Health Services Regulations and Coordination, Government of Pakistan	9 March 2022
3.	Institute of Psychiatry, Rawalpindi Medical University	On going

PART - III

Quality Assurance

Quality serves as the cornerstone of university's academic endeavors, guiding its commitment towards providing a transformative educational experience for our students and fostering an environment conducive to innovation, research, and holistic development. STMU believes in putting the interest of its stakeholders i.e., students, faculty, administrators, staff, regulators, and society at heart of its governance system through quality assurance and undertakes all measures necessary to ensure and enhance the quality of its programs, faculty, facilities, and support services.

STMU as per requirement of Higher Education Commission (HEC) established its Quality Enhancement Cell (QEC) in June 2017 and since then it has been functioning according to the national and international standards of quality assurance. QEC acts as the focal point ensuring quality of its educational provisions being maintained and enhanced and in its effort of achieving the same it works with the Quality Assurance Agency (QAA) of HEC; propelling the processes impacting areas such as research, teaching and organizational/institutional performance.

QEC at STMU, in its efforts of pursuing excellence with confidence and certainty, aims at continuous quality improvement, capacity building, faculty development, promotion of research culture, and accreditation of its programs by respective regulators/ accrediting councils.

Empowering Excellence: Functions of the Quality Enhancement Cell at STMU

The QEC to achieve STMU's aims of maintaining and enhancing quality across different aspects performs following functions:

- Review the quality standards and the quality of teaching and learning in each area to boost public confidence pertaining to the quality of degree programs being offered at the university.
- Define/set explicit reference points to review quality standards whereby enabling its internal stakeholders to clearly understand as to what is expected of them.
- Develop quality assurance processes and evaluation criteria to validate maintenance and improvement of quality of education fostering: curriculum, students' learning, faculty & staff development, research culture, and other scholarly activities.
- Develop procedures for approval of new program, assessment of undergrad & graduate level programs, students' feedback, faculty's feedback, employers' feedback, departmental review, institutional Review.
- Preparation and submission of University Portfolio Report (UPR), Yearly Progress Report (YPR), Higher Education Statistics (HES) to HEC.

Quality Assurance Mechanisms

STMU in its effort of ensuring that the standards of educational provisions are being maintained and enhanced, is currently using both the Internal Quality Assurance (IQA) Mechanism (through Self-Assessment Process) and External Quality Assurance (EQA) Mechanism (by HEC or Regulatory Councils).

QEC at STMU as per IQA mechanism performs the following activities.

❯ Self-Assessment of Programs

- To conduct Students' and Faculty feedback Surveys.
- Writing of programs' Self-Assessment Reports.
- Review of the programs by the Assessment Teams.
- Writing of Executive Summaries
- Preparation of Corrective Action Plans
- Submission of Compliance Reports

❯ MS/ M.Phil. and PhD level Programs' Self Review (PGPR)

❯ Self - Institutional Performance Evaluation (SIPE)

Academic Programs Reviewed during 2022

The Review of academic programs by Assessment Teams (ATs) was a two-day activity which was held on 22-23 June 2022. During this two-day programs' review activity, 11 ATs reviewed their respective programs, and while reviewing their respective programs, the ATs reviewed the SARs, visited concerned departments/ colleges, inspected the infrastructure (labs, libraries, classrooms etc.), had meeting with students, faculty, and HoDs/ Deans, and submitted their reports to QEC. The details of the programs reviewed during the reported period are as follows.

Sr. No	Department/ College	Program
1	Shifa College of Medicine	Bachelor of Medicine & Bachelor of Surgery (MBBS)
2	Shifa College of Dentistry	Bachelor of Dental Surgery (BDS)
3	Shifa School of Health Professions Education	Master of Health Professions Education (MHPE)
4	Shifa College of Nursing	PhD Nursing

5.	Department of Rehabilitation Sciences	Master of Science – Physical Therapy (MSPT)
		BS – Speech Language Pathology (BS–SLP)
		BS – Audiology
6.	Department of Management Sciences	Bachelor of Business Administration (BBA)
		BS – Accounting & Finance (BS–A&F)
		BS – Health Services Management (BS–HSM)
7.	Shifa College of Computing	BS – Computer Science (BSCS)

MS/ M.Phil. and PhD Programs' Review

As per the revised criteria of QECs evaluation, the Self–Review of MS/MPhil & PhD Programs has become a regular exercise and is conducted on an annual basis. The purpose of program review is to improve quality of graduate level programs in the HEIs by strengthening established programs and eliminating or upgrading those which fail to meet acceptable standards. During the year 2022 (Spring 2021 and Fall 2022), the review of 09 MS/ M.Phil. and 03 PhD level programs across all faculties was accomplished and the review reports were submitted to HEC.

The details of the programs reviewed during the PGPR–2022 held on 15–16 June 2022 is as follows:

Sr. No	Faculty	Department/ College	Program
1	Faculty of Nursing & Midwifery (FNM)	Shifa College of Nursing (SCN)	PhD Nursing
			MS Nursing
2	Faculty of Health Sciences (FHS)	Shifa School of Health Professions Education (SSHPE)	Master of Health Professions Education
3	Faculty of Social Sciences & Humanities (FSSH)	Department of Clinical Psychology (DCP)	MS Clinical Psychology
		Department of Management Sciences (DMS)	MBA
			MS Management Sciences

		Department of Rehabilitation Sciences (DRS)	MS Physical Therapy
4	Faculty of Pharmaceutical & Allied Health Sciences (FPAHS)	Shifa College of Pharmaceutical Sciences (SCPS)	M.Phil. Pharmacology (Molecular)
			M.Phil. Clinical Pharmacy Practice
			M.Phil. Pharmaceutical Chemistry
			PhD Pharmacology
			PhD Pharmaceutical Chemistry

Self- Institutional Performance Evaluation (SIPE) by QEC

The Self IPE of STMU was conducted on 28 – 29 June 2022 based on eleven IPE Standards; Mission Statement and Goals, Planning and Evaluation, Organization and Governance, Integrity, Faculty, Student, Institutional Resources, Academic Programs and Curricula, Public Disclosure & Transparency, Assessment and Quality Assurance and Student Support Services. Prior to the team visit, the Quality Enhancement Cell of STMU had prepared the University Portfolio Report (UPR) on the guidelines provided by HEC; this included a series of answers to the questions related to each of the eleven standards.

During the IPE, the Review Panel physically examined the infrastructural facilities, acquainted itself with the institutional resources and held discussions with the faculty members, and students. The Review Panel also held extended meetings with the administrative heads including Vice Chancellor, Controller of Examinations, Deans, Registrar, Treasurer and Head of Departments and had detailed discussion on the matters relating to improving the governance of the university and enhancing the quality of teaching and research. Well prepared UPR by QEC facilitated the job of Review Panel greatly, and the cooperation extended by all administrative and academic officials was gratefully acknowledged by the members of review panel.

Impact of Quality Assurance

Quality assurance activities at STMU have been playing a fundamental role in ensuring that the institution provides quality education and services to its students. Following are some of the key outcomes of quality assurance activities at university level:

➤ Improved Teaching and Learning

University through its internal quality assurance activities has been instrumental in ensuring that the curriculum and education processes in the university meet the required standards; enhancing the quality of teaching, providing better academic support services to students, providing faculty development opportunities, and creating a conducive learning environment that provides a sense of acceptance, support and security to its students and faculty.

➤ Increased Students' Satisfaction

Regular quality assurance activities such as feedback surveys, courses' evaluation surveys, teachers' evaluation surveys, exam system and professional development survey, research progress review, and graduating students' survey help university identify areas for improvement and work them on promptly. The mentioned activities have helped STMU to make revisions in its academic programs, improve faculty teaching, ensure provision of learning resources, meet infrastructural requirements, better support services to ensure students get what they need.

➤ Improved Institutional Reputation

STMU with its effective quality assurance activities has been able to become a reputable institution with high academic standards. The improved academic quality of the programs offered at STMU and supportive environment has proved to be instrumental in attracting students on high merit and top-notch faculty.

➤ Effective Resource Management

Quality assurance activities at STMU have been effective in assisting the top and middle management of the university in making decisions pertaining to the optimization of resources and alignment of the same with its academic goals whereby, seeking efficiency and effectiveness of institutional funds for teaching, research, infrastructure, and service to community.

In conclusion, the STMU's quality assurance activities; in-line with the vision of its Chancellor and Vice-Chancellor have been helpful in assisting the university in meeting students' needs, motivate and develop faculty, improve employees' wellbeing, attract top academic talent, and provide added value to community.

QEC performance rating by Quality Assurance Agency of Higher Education Commission, Pakistan

The Quality Assurance Agency (QAA), Higher Education Commission, Pakistan reviewed the performance of QEC, STMU, and rated its performance as satisfactory for assisting the university in maintaining and enhancing the standards of its educational provisions.

Engagement in Quality Enhancement: Participation in International & National Symposiums, Conferences & Seminars on Quality Assurance

During 2022, QEC officials participated in 09 National and 16 International events related to Quality Assurance and Enhancement that included quality assurance activities, conferences, trainings, workshops, seminars, and webinars as detailed below:

Sr. No	Event/ Activity	Date	Level of Activity
	Quality Assurance		
1	Participation as External Reviewer in the IPE- 2022 of CUST.	Jan, 31–Feb. 2, 2022	National
2	Member HEC's Review Panel for IPE of Institute of Management Sciences, Lahore.	May, 31–June 2, 2022	National
3	Participation as External Reviewer as Convener – Annual Postgraduate Programs Review – 2022 of Greenwich University Karachi	June 27–28, 2022	National
4	Member HEC's Review Panel for the MS/MPhil & PhD. Program Review (PGPR) of GCWU, Sialkot	December 5–6, 2022	National
	Conferences		
5	Paper presented in 'International Conference on Quality Assurance in Higher Education', Shah Abdul Latif University, Khairpur	March 8–10, 2022	International
6	Participation in 'International Conference on Inclusion, Innovation, Leadership, and Higher Education' organized by Greenwich University.	March 24, 2022	International
7	Key Note speaker in 19th International Conference on Statistical Sciences, University of Agriculture, Faisalabad	March 17–19, 2022	International
8	Keynote speaker in 4th International Clinical Nutrition Congress. Mashhad, Iran	17–19 May 2022	International
9	Participation in a Conference on "Sustainable Development Goals to Improve the Quality of Education and Research in HEIs" Khwaja Fareed University of Eng. & Information Technology.	Nov, 29–30, 2022	International

		Workshops		
10		Participation in '1st International Workshop on Quality Paradigm of the Developed Nations – Lessons for Developing Countries'.	February 12, 2022	International
11		Participation in Workshop on 'Design and Implementation of Quality Management for Universities_ A Quality Assurance & Enhancement Framework'.	February 22-23, 2022	National
12		Participation in a Workshop on "Institutional Performance Evaluation (IPE)" organized by Dadabhoy Institute of Higher Education.	October 27, 2022	National
13		Participation in a Workshop on 'Conducting Effective Institutional Performance Evaluation'.	December 2, 2022	National
		Trainings		
14		Participation in 'Progress Review Meeting and Training for Quality Enhancement Cells' organized by QAA, HEC.	January 10-12, 2022	National
15		'Training on Innovation and Commercialization' held on 3-4 March 2022 at IBA Karachi.	March 3-4, 2022	National
16		Participation in a 'Training on Improving Quality through IPE Audit' organized by KASBIT.	December 1, 2022	National
		Seminar/Webinar		
17		Participation in a Seminar on Quality Assurance in Higher Education arranged by QEC, LGU.	February 22, 2022	National
18		Participation in 'INQAAHE Talks – Reimagining Quality Assurance in the 'New Normal'.	March 22, 2022	International
19		Session Regarding the Policy for obtaining NOCs of M.Phil./ MS and PhD level Programs.	May 20, 2022	National
20		Participation in a Session on "NIAD-QE University Quality Assurance Forum 2022".	October 6, 2022	National
21		Participation in a Seminar on "Strategic Planning for Quality Education" organized by Indus University.	October 25, 2022	National
22		Participation in a Seminar on NIC-Japan Seminar Series "Chinese Education System and Higher Education Qualifications".	November 16, 2022	International
23		Participation in a Seminar on "Leadership for Academic Quality" organized by National University of Technology of Technology.	November 28, 2022	National

24	Participation in a Webinar "International Standards and Guidelines (ISGs): Towards diversification, relevance, transformation, and recognition"	December 1, 2022	International
25	Lecture/Session on "Quality Assurance on Academics and Research" Organized by GCWUF	December 13, 2022	National

Accreditation of Academic Programs from Relevant Councils

QEC at STMU has been facilitating different colleges/ departments during program accreditation processes and ensuring adherence to recognized accreditation standards. Different departments of STMU got their academic programs accredited from the relevant accreditation bodies and during the reporting period, following programs are accredited from their relevant councils/ accreditation bodies:

- Bachelor of Medicine and Bachelor of Surgery (MBBS) program has been accredited by PM&DC.
- Bachelor of Dental Surgery (BDS) program has been accredited by PM&DC.
- Doctor of Pharmacy (Pharm D) program has been accredited by PCP.
- Bachelor of Science in Nursing (BSN) program has been accredited by PNC.
- Post RN Bachelor of Science in Nursing (Post RN BSN) program has been accredited by PNC.
- Master of Science in Nursing (MSN) program has been accredited by PNC.

Further, all the Master of Science, Master of Philosophy and Doctor of Philosophy programs being offered by different colleges/ departments of STMU have been approved by HEC.

Membership in International Quality Assurance Networks/ Agencies

STMU is member of International Quality Networks/ Agencies including:

Sr No.	Quality Network/ Organization
1	International Network for Quality Assurance Agency in Higher Education (INQAAHE)
2	Asia Pacific Quality Network (APQN)
3	Talloires Network of Engaged Universities

TIMES Higher Education Impact Rankings

Shifa Tameer-e-Millat University entered in Times Higher Education (THE) Impact Ranking first time in year 2022. STMU is ranked amongst 1001+ globally in THE University Impact Rankings 2022 and also ranked 60 in Pakistan. Moreover, STMU was ranked in 4 SDG's out of 17. These are given as under:

Sr No.	SDG No.	Ranked at Position
1	SDG 3: Good Health and Wellbeing	13
2	SDG 4: Quality Education	57
3	SDG 5: Gender Equality	40
4	SDG 17: Partnerships for goals	60

The functions performed by the QEC are vital in university's pursuit of excellence and by carrying out these functions diligently, the QEC plays a pivotal role in ensuring that STMU maintains high-quality standards, fosters continuous improvement, and provides a transformative educational experience for our students. The dedication and efforts of the QEC contribute significantly to our overall goal of empowering excellence across the university.

PART - IV

Faculty Development

Shifa Tameer-e-Millat University recognizes that the professional growth and expertise of its faculty members is essential for delivering a high-quality education and fostering a culture of innovation and is committed towards supporting the development of the esteemed faculty through various initiatives and programs, ultimately enhancing their teaching, research, and leadership capabilities.

Faculty Overview

Through meticulous planning and a rigorous recruitment process based on open competition and merit, STMU has been successful in steadily increasing the number of highly qualified faculty members with PhD/ FRCS or equivalent qualifications. This emphasis on recruiting exceptional individuals has significantly enhanced the academic strength of our institution.

Out of the total 481 faculty members currently employed at Shifa Tameer-e-Millat University, 55 hold the prestigious position of Professor, bringing their extensive expertise and research capabilities to our academic community. Additionally, 44 faculty members serve as Associate Professors, making valuable contributions to both teaching and research. Furthermore, the university has appointed 144 highly competent faculty members as Assistant Professors, ensuring a solid foundation for quality education and mentorship.

Among the remaining 238 faculty members, 83 have been appointed as Senior Lecturers/Senior Registrars, showcasing their expertise and experience in their respective fields. Furthermore, 60 individuals have assumed the roles of Lecturers/Registrars, actively engaging in imparting knowledge and nurturing future professionals. Lastly, 95 dedicated faculty members have been appointed as Demonstrators/Junior Lecturers/Instructors, contributing their energy and passion towards the academic development of our students. The table below provides a detailed overview of the distribution of faculty members across different ranks:

Designation	Faculty - wise No. of Teachers at Different Ranks						Total
	FHS	FNM	FPAHS	FSSH	FC	GIHD	
Professor	43	3	2	3	1	3	**55**
Associate Professor	35	1	5	2	---	1	**44**
Assistant Professor	120	6	9	5	3	1	**144**
Senior Lecturer/ Senior Registrar*	4+41*	6	17	8	4	3	**83**
Lecturer/ Registrar*	8*	11	25	8	5	3*	**60**
Demonstrator/ Jr. Lecturer/ Instructor	71	1	22	---	1		**95**

## Rank-wise Faculty Members
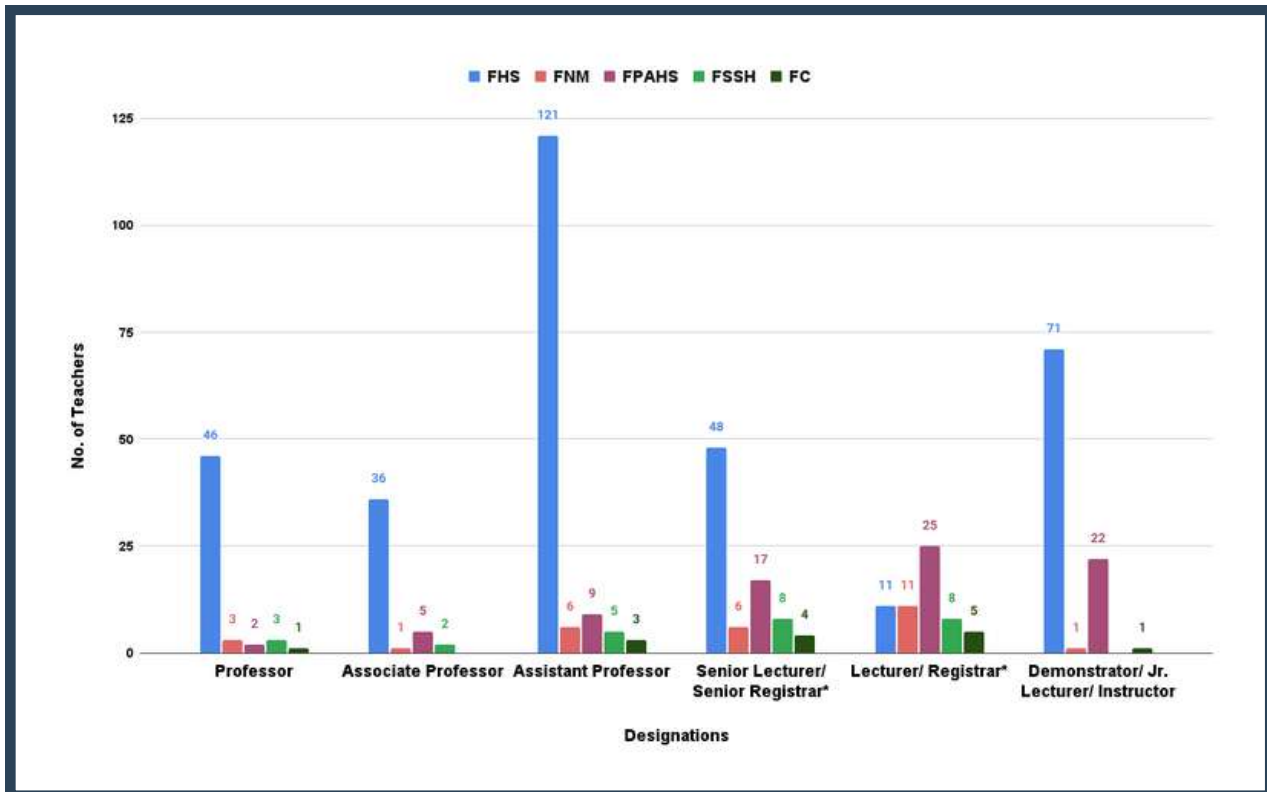
During the reporting period, the above referenced 481 dedicated faculty members are working across various colleges, schools, and departments of STMU. Among these, the highest number of faculty members are serving at Shifa College of Medicine, demonstrating the university's strong commitment to medical education and research. Following them are Shifa College of Dentistry and Shifa College of Pharmaceutical Sciences, which also boasted a significant number of esteemed faculty members. This distribution of faculty across different academic units showcases the diverse expertise and academic excellence present within the university. The table below shows a detailed breakdown of faculty strength in each college, school, department and institute.

College/ School/ Department	Professor	Associate Professor	Assistant Professor	Senior Lecturer/ Senior Registrar*	Lecturer/ Registrar*	Demonstrator/ Jr. Lecturer/ Instructor	Total
SCM	39	28	99	3+31*	8*	40	**248**
SSHPE	0	0	1	0	0	0	**1**
SCD	4	7	20	1+10*	0	31	**73**
SCN	3	1	6	6	11	1	**28**

SCPS	2	2	3	6	10	16	**39**
SCMT	0	1	1	1	5	0	**8**
DRS	0	2	3	9	9	4	**27**
DBS	0	0	2	1	1	2	**6**
DCP	1	2	1	4	6	0	**14**
DMS/ Isl. St.*	1	0	3+1*	4	2	0	**10+1***
DSL	1	0	0	0	0	0	**1**
DoC	1	0	3	4	5	1	**14**
GIHD	3	1	1	3	3*	0	**11**
Total	**55**	**44**	**144**	**42+41***	**49+11***	**95**	**481**

Faculty-wise Teachers Strength
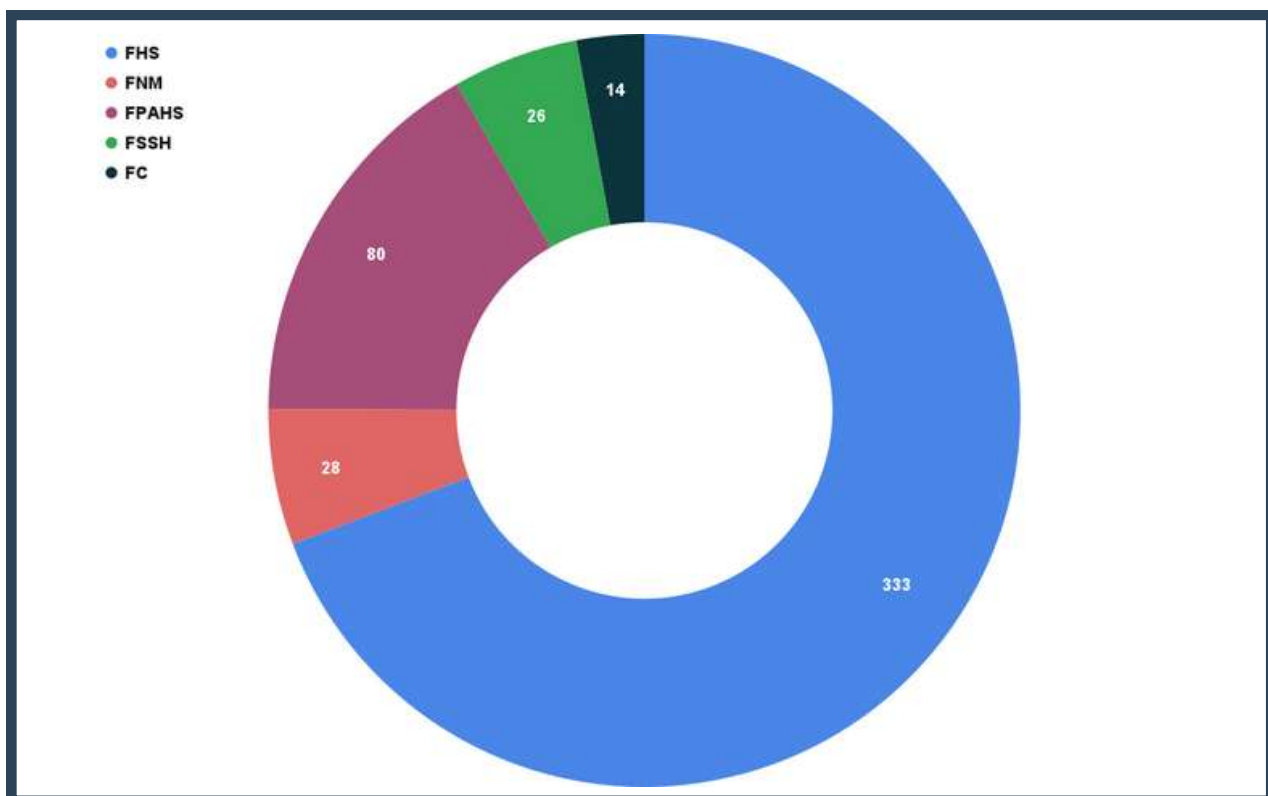
We take great pride in the dedication, qualifications, and expertise of our faculty members, whose continuous efforts play a vital role in shaping the academic landscape at STMU. Their unwavering commitment to excellence serves as an inspiration to our students and contributes to the overall growth and success of our university.

STMU Faculty Development Program

At STMU, we place great importance on the continuous growth and professional development of our faculty members and firmly believe that investing in our faculty's professional development contributes to the overall excellence of our academic programs and ensures that our students receive the highest quality education.. Faculty members working in different colleges/ departments are encouraged either to improve their qualifications along with their service in the university on their own or through the STMU Faculty Development Program. Under the said program faculty members enrolled in academic/ professional programs are supported financially towards tuition fees and/ or compensated/ adjusted in workload/ duty hours.

During the reporting period, several faculty members either participated in improving their qualification, along with their service in the university, by using their own resources, availing other scholarships or availed themselves of the STMU Faculty Development Program. The details of all those faculty members on their own or availing STMU Faculty Development Program are as below:

Shifa College of Medicine (SCM)

1. Dr. Ayisha Kausar, Associate Professor, enrolled on self-finance basis in the program of Health Professions Education to qualify for as Member of College of Physicians & Surgeons, Pakistan. The program is in progress since July 2022 and would complete in 2024.
2. Dr. Aleena Shah, Sr. Registrar, enrolled on self-finance basis in the specialty of Ophthalmology to qualify for Fellow of College of Physicians & Surgeons, Pakistan (FCPS). Program completed in September 2022.
3. Dr. Rehan Saleem, Registrar, enrolled on self-finance basis in the specialty of Ophthalmology to qualify for Fellow of College of Physicians & Surgeons, Pakistan (FCPS). Written examinations passed and clinical examinations scheduled in May 2023.

Shifa College of Nursing (SCN)

4. Ms. Nafisa Iqbal, Associate Professor, enrolled in Doctor of Philosophy in Nursing (PhD) at University of Leeds, United Kingdom. Program in progress since 2020, coursework already completed, and research work is continuing.
5. Ms. Summaira Nasir, Sr. Lecturer, enrolled in Doctor of Philosophy in Nursing (PhD) at Shifa College of Nursing, Islamabad. Program in progress since 2021.
6. Mr. Muhammad Ishtiaq, Assistant Professor, enrolled in Doctor of Philosophy in Nursing (PhD) at Shifa College of Nursing, Islamabad. Program in progress since 2021.

7. Ms. Shumaila Batool, Assistant Professor, enrolled in Doctor of Philosophy in Nursing (PhD) at University of Turku, Finland. Program in progress since 2020.
8. Ms. Saira Manzoor, Lecturer, enrolled in Master of Science in Nursing (MSN) at Shifa College of Nursing, Islamabad. Program completed in 2022.
9. Ms. Saba Asim, Sr. Lecturer, enrolled in Master of Science in Nursing (MSN) at Shifa College of Nursing, Islamabad. Program completed in 2022.
10. Ms. Afsar Jan, Sr. Lecturer, enrolled in Master of Science in Nursing (MSN) at Shifa College of Nursing, Islamabad. Program in progress since 2021.
11. Ms. Farrah Naeem, Sr. Lecturer, enrolled in Master of Science in Nursing (MSN) at Shifa College of Nursing, Islamabad. Program in progress since 2022.
12. Mr. Hafiz Irfan, Lecturer, enrolled in Master of Science in Nursing (MSN). Program in progress since 2022.
13. Ms. Farhana, Lecturer, enrolled in Master of Science in Nursing (MSN) at Shifa College of Nursing, Islamabad. Program in progress since 2022.

Shifa College of Pharmaceutical Sciences (SCPS)

14. Dr. Syed Damin Abbas Hamdani, Lecturer, enrolled in Ph.D. Pharmacology at Shifa College of Pharmaceutical Sciences, Islamabad. Program in progress since Fall 2021.
15. Dr. Kazim Zargaham, Lecturer, enrolled in Ph.D. Pharmaceutical Chemistry at Shifa College of Pharmaceutical Sciences, Islamabad. Program in progress since Fall 2021.
16. Dr. Tanya Waseem, Lecturer, enrolled on Ph.D. Pharmaceutical Chemistry at Shifa College of Pharmaceutical Sciences, Islamabad. Program in progress since Fall 2021.

Department of Rehabilitation Sciences (DRS)

17. Dr. Shafaq Altaf, Assistant Professor, enrolled in Ph.D. Physical Therapy at Tehran University of Medical Sciences (TUMS), Tehran, Iran, since Spring 2022.
18. Dr. Syed Ali Hussain, Assistant Professor, enrolled in Ph.D. Physical Therapy at Tehran University of Medical Sciences (TUMS), Tehran, Iran, since Spring 2022.

Shifa College of Medical Technology (SCMT)

19. Mr. Theophilus Bhatti, Enrolled in July 2022 in Ph.D program at Jeju National University, South Korea. Availing Professor Scholarship, Korean Government.

Department of Clinical Psychology

20. Ms. Nadia Younas, Sr. Lecturer, enrolled in Ph.D. at Asia-e-University, Kula Lumpur, Malaysia since July 2022.

Faculty Accomplishments, Honors and Awards

During the reporting period the faculty members at Shifa Tameer-e-Millat University, in addition to their research and scholarly activities, have made commendable strides in improving their qualifications/ expertise and have achieved significant accomplishments, contributing to the growth and reputation of our university. Faculty members of different colleges and departments have pursued advanced academic and professional degrees, certificates, courses and professional training and succeeded in winning scholarships and fellowships. They have shared their expertise and insights by organizing and participating in workshops, seminars, and training programs for the professional development of students, colleagues, and the wider community and have actively participated in public health and other campaigns, provided expert consultation to government and non-governmental organizations, and collaborated with local communities to develop sustainable solutions.

S. No.	Name of Faculty Member	Title of Qualification/ Award/ Grant/ Fellowship/ Membership etc.	Awarded/ Nominated by.
**Shifa College of Medicine (SCM)**			
1.	Dr. Saeeda Yasmin	Master of Health Professions Education (MHPE). Qualified in June 2022	STMU
2.		Resource Person in a TV Program: "Breast Cancer Awareness Treatment and Misconceptions"; Aur Life TV Channel, Broad Cast Media Company in October 2022	On behalf of Shifa International Hospital
3.		Resource Person in a Radio Program: "Breast Cancer Awareness" FM 101 program with Sadaf Rani in October 2022	On behalf of Shifa International Hospital
4.	Dr. Sehar Ashraf	Master of Health Professions Education (MHPE) with Distinction. Qualified in 2022	FAIMER Institute, Keele University, UK
5.	Dr. Naurin Ali	MRCPCH(UK). Qualified in 2022	RCPCH(UK)

6.		Certificate in Health Professions Education (CHPE)/International Certificate in Medical Training (ICMT) accredited with SEDA, UK.Qualified in November 2022	STMU in collaboration with Centre of Integration in Learning and Teaching (CILT)
7.		Forensic Mental Health Certificate Course (CFMH). Qualified in 2022	Accredited through Queen's University Canada and IUB
8.	Dr Sadia Syed	Guest Speaker on "Medicolegal system and role of Forensic Specialist in Pakistan" on 30th May 2022 as part of online adjunct lecture international series.	Management and Science University (MSU), Malaysia
9.	Dr. Sumreena Mansoor	Research Collaboration Grant for IEM (a genetic elucidation of inborn errors of metabolism) under the Sponsored Testing Program of the 3 Billion. Ongoing since August 2021	South Korea
10.	Dr. Nadia Saeed	Certificate in Health Professions Education (CHPE). Qualified in November 2022	STMU in collaboration with Centre of Integration in Learning and Teaching (CILT)
11.	Dr. Aleena Shah	FCPS (Ophthalmology): Qualified in August 2022	College of Physicians and Surgeons Pakistan (CPSP)
12.	Sahira Aaraj	Certificate in Health Professions Education (CHPE). Qualified in November 2022.	STMU in collaboration with Centre of Integration in Learning and Teaching (CILT)
13.	Dr. Sabeen Abid Khan	Supporting Women in Science–Distant Learning Research fellowship. Phase–I including online learning for six months followed by assessments successfully completed in August 2022. Selected for Phase–II Fellowship 2023–2024	Institute of Global Health and Development, AKUH in collaboration with Sick Children Hospital, Canada, Oxford University, UK
14.		Co-PI: Phase–III RCT to evaluate the efficacy, immunogenicity and safety of Seqirus cell–based Influenza virus vaccine. Ongoing project 2022	Seqirus – SIH
15.		Co-PI: Genetic screening of patients with dyslipidemia and familial hypercholesterolemia. Research Grant approved in 2022	National Research Program for Universities – HEC
16.	Prof. Dr. Saima Perwaiz Iqbal	Advanced Certificate in Medical Teaching (AdCMT)/ Postgraduate Diploma in Health Professions Education (PGDHPE): Qualified in November 2022	STMU in collaboration with Centre of Integration in Learning and Teaching Pvt. Ltd. (CILT)

17.	Dr. Quratulain Khan	MCPS (Family Medicine): Qualified in January 2022	College of Physicians and Surgeons Pakistan (CPSP)
18.		MRCGP[INT]: Certified on July 15, 2022	Royal College of General Practitioners (RCGP), UK
Shifa College of Medical Technology (SCMT)			
19.	Dr. Rashid Iqbal	Ph.D degree. Qualified in 2022. Won the Scholarship of HEC under IRSIP for Erasmus MC, Rotterdam–Netherland for research work of PhD degree program.	Arid Agricultural University, Rawalpindi
Shifa College of Pharmaceutical Sciences (SCPS)			
20.	Prof. Dr. Tausif A. Rajput	Consultant: Consultancy on "National Medicine Policy". Ongoing assignment since 2019–20.	Ministry of National Health Sciences, Coordination and Regulation (MONHSRC)
21.		Chair/Convener: Internal Performance Evaluation (IPE) of Pakistani Universities. Ongoing assignment since 2020.	Higher Education Commission (HEC)
22.		Consultant: Establishment of King Hammad University of Nursing & Associated Medical Sciences (KHUNAMS). Ongoing assignment since 2022.	World Health Organization (WHO)
23.		Consultant: Curriculum Design, Faculty Development, Hiring and Program Feasibilities Plans of King Hammad University of Nursing & Associated Medical Sciences (KHUNAMS). Ongoing assignment since 2022.	Ministry of National Health Services, Coordination and Regulations (MONHSRC)
24.	Dr. Shazia Jamshed	Research Grant: Dana Penyelidikan Universiti. Three consecutive grants including for the year 2022.	Universiti Sultan Zainal Abidin (UniSZA)
25.	Dr. Mustafeez Mujtaba Babar	Fulbright Post-doc Scholar/ Visiting Faculty: For Johns Hopkins University and Stanford University, USA. Completion Certificate awarded in November 2022.	Institute of International Exchange, US Department of State, USA.
26.		M.Sc. Clinical Education Scholarship: Tuition fee waiver for (3rd/ Final Year). Certificate level completed in 2021 and Diploma level completed in 2022 and Master's research in progress.	Institute of Academic Development, The University of Edinburgh, UK.

27.	Dr. Madiha Ahmed	M.Sc. Clinical Education Scholarship: 3 years fully funded scholarship for the completion of M.Sc. Clinical Education. Program started in 2022.	Commonwealth Scholarship Council, UK.
28.	Dr. Fawad Naeem	IRSIP fellowship for conducting partial PhD research work at University of Minnesota, USA.	Higher Education Commission, Pakistan (HEC)
29.	Syed Damin Abbas Hamdani	Research Grant (February, 2022): Research Project "Characterization of Bacteriophages with Antimicrobial Potential for the Treatment of Bacterial Infections"	STMU
30.	Dr. Naila Jabeen	AMS Expert: First registered AMS Expert in Pakistan since October 2022. Working as an External Assessor/Focal Person for client organizations of the British Society of Antimicrobial Chemotherapy for initiating a stewardship program at the client hospital.	British Society of Antimicrobial Chemotherapy (BSAC)
31.		Antimicrobial Stewardship Course: Certificate earned in February 2022.	Stanford College of Medicine
32.		Certified Peer Reviewer: Declared in March 2022.	Elsevier's Research Academy
Global Institute of Human Development (GIHD)			
33.	Dr. Syed Usman Hamdani	Award: Mental Health Research Award for Investigators Early in their Career in Low andMiddle-Income Countries (LMICs) (R01 Clinical Trial Optional)	National Institute of Mental Health (NIMH), USA
34.	Dr. Zill-e-Huma Project lead Ms. Syeda Wajeeha ZafarProject co-lead	Research grant titled "BEING Mental Health Initiative", led by GIHD-STMU. A multi-country network of mental health experts, researchers, policymakers, and youth advisors to conduct a context analysis to improve youth mental health & wellbeing.	Grand Challenges Canada, Canada
35.	Prof. Dr. Siham SikandarSite investigator	Research grant titled "Suicide Prevention in Adults". A prestigious research grant that is won through a very competitive process and rigorous scientific evaluation.	National Institutes of Health, USA

The leadership at university takes immense pride in the remarkable accomplishments of their faculty members, during the reporting period, that reflects their passion for their respective fields and their commitment to academic and professional growth. These accomplishments not only contribute to the individual success of these faculty members but also emphasize the reputation of STMU. These achievements of faculty members serve as a testament to the university's commitment to fostering a culture of excellence and nurturing a vibrant academic community.

STMU Best University Teacher Award

To recognize the excellent performance of its faculty, STMU announces the Best University Teacher Award each year and after evaluation, as per HEC specified criteria, announces the names of winner and first runner-up who succeed in securing first two positions on merit. For the Best University Teacher Award 2022 (BUTA 2022), Dr. Madiha Ahmed, Associate Professor, SCPS stood Winner by securing 98.23 points on the scale of 100 and Dr. Afrose Liaqat, Associate Professor, SCM stood first Runner-Up by securing 96.77 points. The name of Dr. Madiha Ahmed has further been forwarded to HEC for inclusion among candidates eligible for competing National Best University Teacher Award 2022.

PART - V

Access

STMU aims to provide accessible pathways for students to pursue higher education and follows a transparent, inclusive, and non-discriminatory admission policy, ensuring that qualified students from different backgrounds have equal opportunities to apply and be considered for admission that are offered on merit.
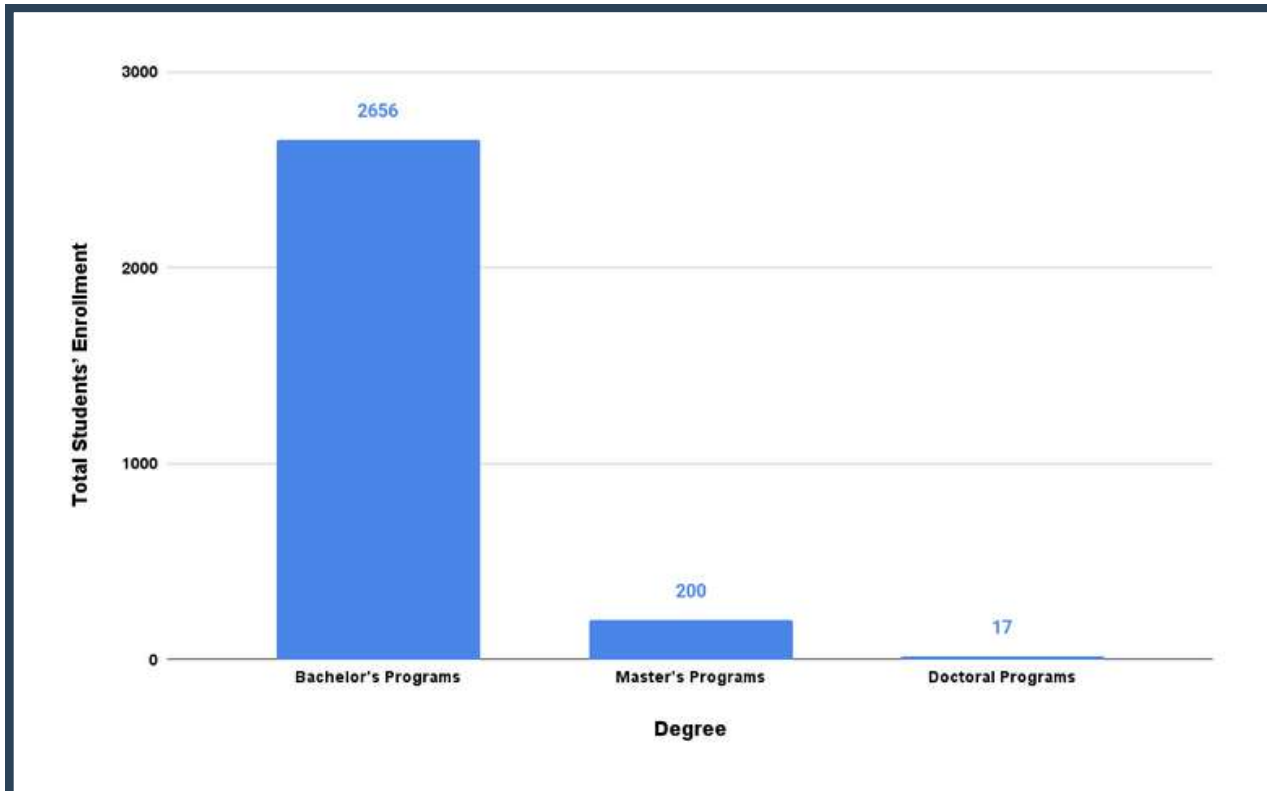
Students Enrollment

Shifa College of Medicine (SCM) and Shifa College of Nursing (SCN) were established by the Shifa International Hospital Islamabad/ Shifa Foundation in 1998 and 2003, respectively and were running the academic programs of MBBS and BS Nursing. Upon promulgation of Shifa Tameer-e-Millat University Act in 2012, both the SCM and SCN became the constituent colleges of the university and consequently STMU started its journey in 2012 with 689 already admitted students.

During the year 2022, the total student enrollment at STMU stands at 2,873, that includes all those students pursuing various bachelor, master and doctoral degree programs in different colleges, school and departments. Most students are enrolled in bachelor's degree programs, with a total of 2,656. Out of the remaining 217 students, 200 are pursuing master's degrees and 17 are enrolled for doctoral degree programs, indicating a focus on advanced studies and research. College-wise/ School-wise/ Department-wise total students' enrolment is given in table below:

College/ Department/ School	Total Enrolment
Shifa College of Medicine (SCM)	515
Shifa College of Dentistry (SCD)	143
Shifa School of Health Professions Education (SSHPE)	49
Shifa College of Nursing (SCN)	546
Shifa College of Pharmaceutical Sciences (SCPS)	447
Shifa College of Medical Technology (SCMT)	253
Department of Rehabilitation Sciences (DRS)	536
Department of Biosciences (DOB)	9
Department of Clinical Psychology (DCP)	226
Department of Management Sciences (DMS)	69
Department of Computing (DC)	80
Total	**2873**

Degree-level total students' enrollment

Faculty–wise students' enrolment is given in table below:

S. No.	Faculty	Total Enrolment
1	Faculty of Health Sciences (FHS)	707
2	Faculty of Nursing and Midwifery (FNM)	546
3	Faculty of Pharmaceutical and Allied Health Sciences (FPAHS)	1245
4	Faculty of Social Science and Humanities (FSSH)	295
5	Faculty of Computing (FC)	80
Total		**2873**

Faculty-wise total students' enrollment
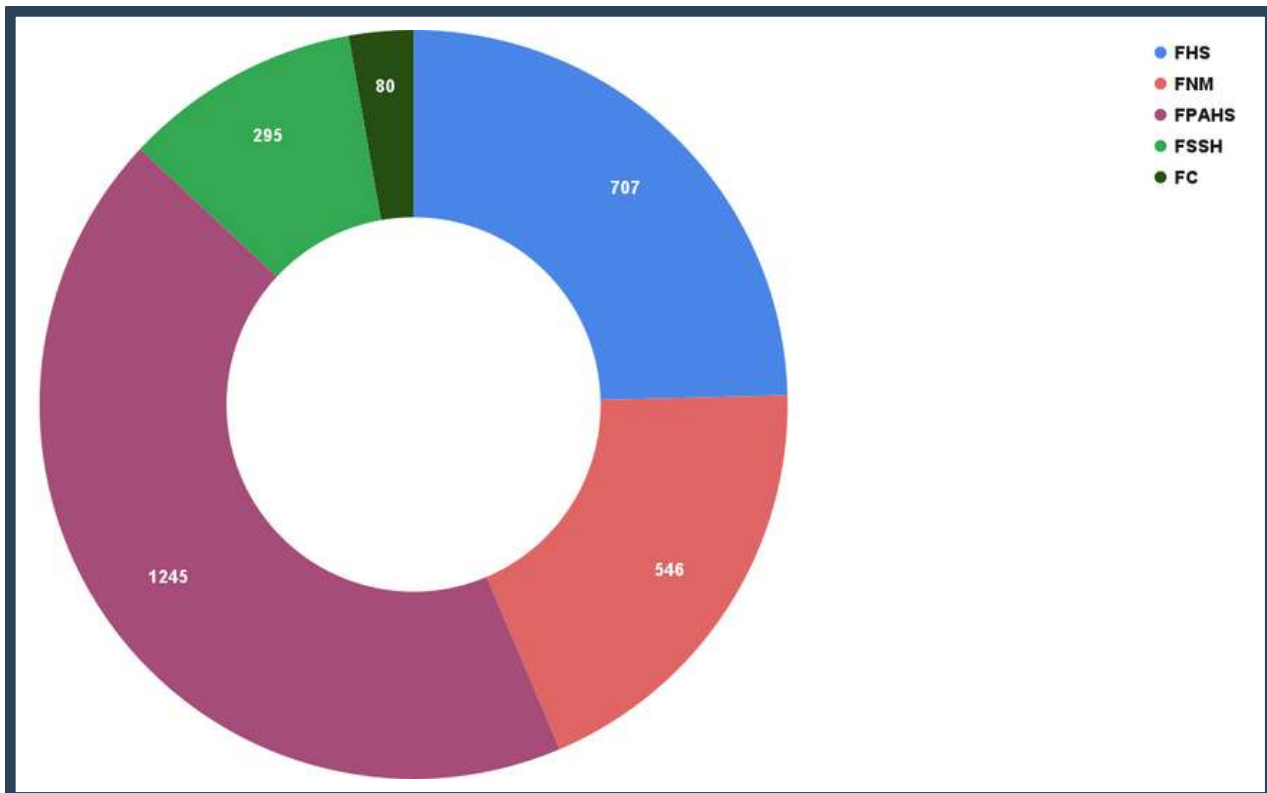
During the period under report, a total of 841 new students succeeded in securing admissions in diverse programs offered by STMU and were enrolled in different colleges/ school/ departments, that included 717 students in bachelor's degree programs and 124 students in master's and doctoral programs.

College/ Department/ School	Students enrolled during 2022 Intakes
Shifa College of Medicine (SCM)	100
Shifa College of Dentistry (SCD)	50
Shifa School of Health Professions Education (SSHPE)	22
Shifa College of Nursing (SCN)	109
Shifa College of Pharmaceutical Sciences (SCPS)	117
Shifa College of Medical Technology (SCMT)	83
Department of Rehabilitation Sciences (DRS)	125
Department of Biosciences (DOB)	9
Department of Clinical Psychology (DCP)	84
Department of Management Sciences (DMS)	34
Department of Computing (DC)	108
Total	**841**

Department-Wise Student In-Take for the Reporting Period
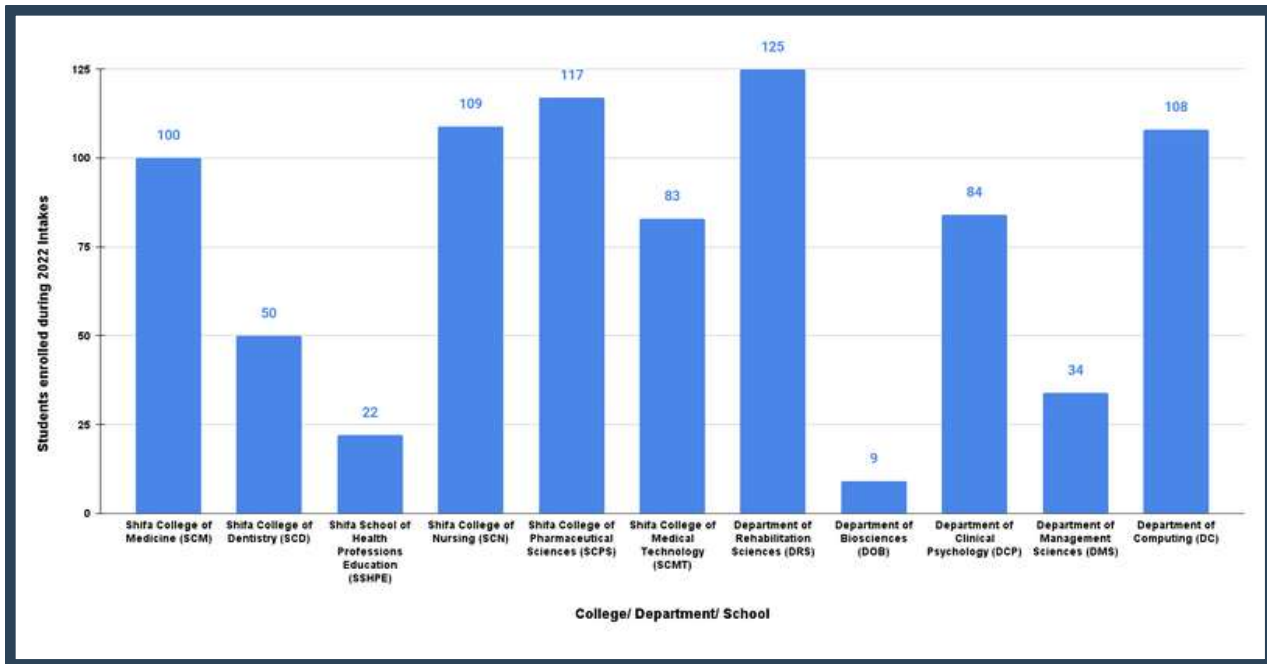
Commitment to Inclusive Education and Non-Discrimination

Shifa Tameer-e-Millat University is firmly committed with the fundamental principle of inclusivity, diversity and non-discrimination within the university and is providing equal opportunities and privileges to every member of its community, without any form of discrimination, in line with Section 5(1) of the Shifa Tameer-e-Millat University Act that reads, *"The university shall be open to all persons of either gender and of whatever religion, race, creed, class, colour or domicile and no person will be denied the privileges of the University on the grounds of religion, race, caste, creed, class, colour or domicile"*.

Gender Ratio

Among the total student's population of 2,873, there are 788 male students and 2,085 female students, resulting in a male-to-female ratio of approximately 1:3.5. The average female students' population at STMU of 73% demonstrates the university's commitment to fostering a diverse and inclusive learning environment. College-wise/ Department-wise male: female enrollment, as mentioned below in table, provides a detailed college-wise/ department-wise breakdown of male: female students' numbers and %age, enabling further analysis and planning to support our student's community effectively.

College/ Department/ School	Students' Enrolment		Total
	Male	Female	
Shifa College of Medicine (SCM)	242 (47%)	273 (53%)	515
Shifa College of Dentistry (SCD)	34 (24%)	109 (76%)	143
Shifa School of Health Professions Education (SSHPE)	12 (25%)	37 (75%)	49
Shifa College of Nursing (SCN)	149 (27%)	397 (63%)	546
Shifa College of Pharmaceutical Sciences (SCPS)	117 (26%)	330 (74%)	447
Shifa College of Medical Technology (SCMT)	79 (31%)	174 (69%)	253
Department of Rehabilitation Sciences (DRS)	62 (12%)	474 (88%)	536
Department of Biosciences (DOB)	0 (0%)	9 (100%)	9
Department of Clinical Psychology (DCP)	10 (4%)	216 (96%)	226
Department of Management Sciences (DMS)	39 (57%)	30 (43%)	69
Department of Computing (DC)	44 (55%)	36 (45%)	80
Total	**788 (27%)**	**2085 (73%)**	**2873**

Gender-wise Total Students Enrolment in College/School/Department
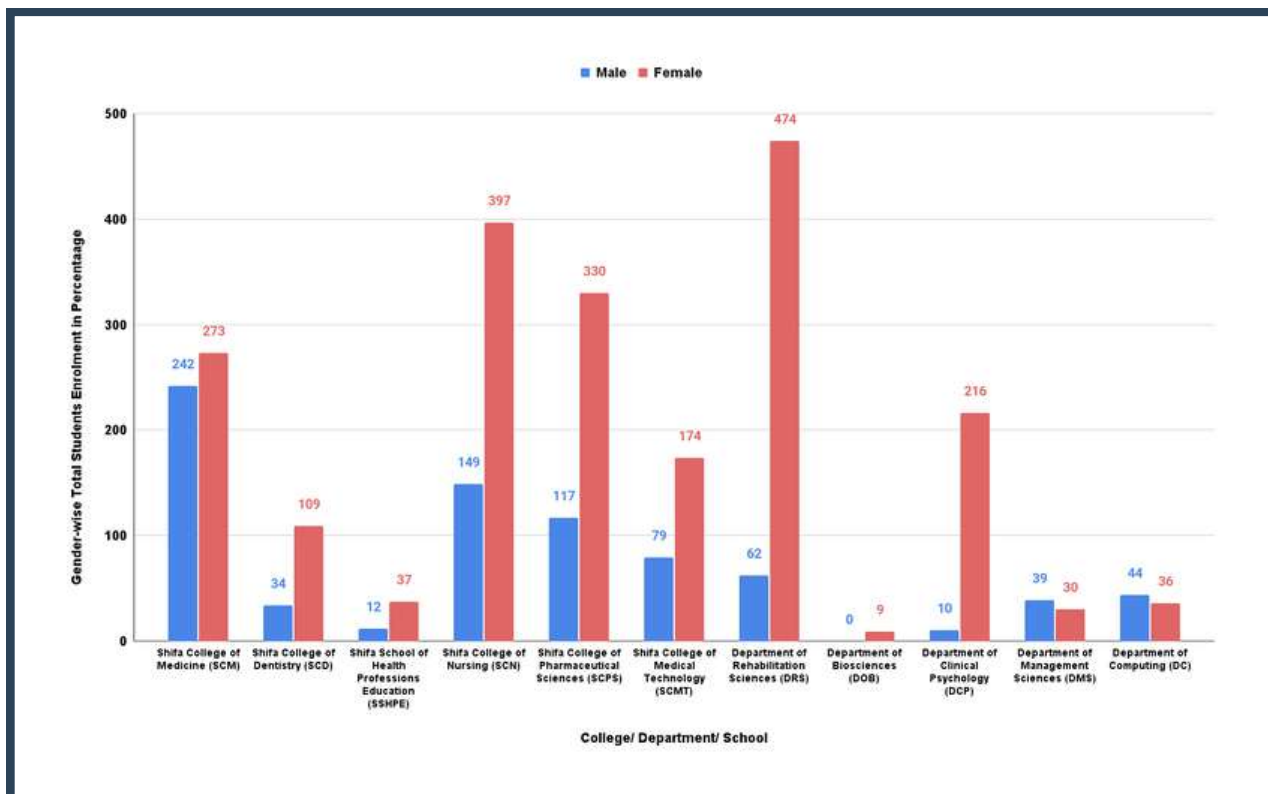
Faculty-Student Ratio

The faculty-student ratio is a crucial factor in determining the quality of education and the overall learning experience at Shifa Tameer-e-Millat University (STMU). As of the reporting period, our university recorded a total enrollment of 2873 students, while being supported by a dedicated faculty team consisting of 481 members. This results in an impressive faculty-student ratio of 1:6, highlighting the university's commitment to maintain a conducive and personalized learning environment.

The faculty-student ratio of 1:6 at STMU underscores the university's emphasis on academic excellence, fostering strong student-faculty relationships, and delivering quality education that encourages students to actively engage with the course material and benefit from the wealth of knowledge, experience and skills shared by their teachers.

PART - VI

Strengthening Physical Infrastructure

Shifa Tameer-e-Millat University (STMU) is committed towards building a stronger future through enhanced physical infrastructure of the university. To fulfil its commitment to infrastructure development many new initiatives were taken during the period under report and these are highlighted in this part of report.

Shifa College of Dentistry's Enhanced State-of-the-Art Facilities

Shifa College of Dentistry continued the development of its physical infrastructure and during the period of said report the following are the achievements:

❯ Procurement and Installation of an Advanced Endodontic Microscope

Shifa College of Dentistry succeeded in procuring and installing an advanced Endodontic microscope with a remarkable 28X zoom capability. This cutting-edge equipment enables the performance of special dental procedures with unparalleled precision. It is noteworthy that only a limited number of dental colleges in Pakistan possess this state-of-the-art facility, positioning Shifa College of Dentistry as a frontrunner in dental education and practice. By investing in advanced technology and specialized equipment, STMU sets a new benchmark for dental education in Pakistan and reinforces its commitment to providing students with unparalleled learning opportunities.

❯ Generator Installations at Shifa College of Dentistry

In the pursuit of enhancing operational efficiency, Shifa College of Dentistry took a significant step forward in 2022 by installing two high-capacity DG sets of 700 KV, each with a power capacity of 350KV. This infrastructure upgrade ensures a reliable and uninterrupted power supply, optimizing the overall

working environment of the college. The installation of these advanced DG sets demonstrates STMU's commitment to providing a seamless and efficient experience for its students, faculty, and staff.

PRC is progressing extremely well under the leadership of Campus and during the period under report following is the number of faculty, staff and students at PRC:

Renovation of Park Road Campus into a Center of Academic Excellence

The year 2022 saw the embarkment of Shifa Tameer-e-Millat University on a significant renovation project to meet the growing needs of the university. The result was the renovation of the Park Road Campus (PRC) spread over two-acre land in the prime location of Islamabad and constructed area of over 111, 250 sq. ft. This modern and purpose-built facility was established for catering to the needs of expanding departments and the establishment of new ones. This remarkable endeavor aimed to provide a conducive environment for teaching, learning, and research. A state-of-the-art campus, was established.

❯ Relocation of Departments at the Park Road Campus

The Park Road Campus of STMU stands as a testament to excellence, housing cutting-edge infrastructure and facilities. To centralize operations and foster synergy, several departments were shifted from various locations to the PRC building. Currently, departments such as Rehabilitation Sciences, Biosciences, Clinical Psychology, Management Sciences, and Computing are thriving within the premises. Furthermore, the establishment of additional academic departments at PRC is underway, further enriching the academic landscape.

Further, the following administrative and coordination departments are also working under the supervision of the PRC leadership:

- Students Engagement Department.
- HR, Department of PRC.
- Administration Department of PRC.
- Examination Department of PRC.

Faculty	Staff	Students
73	58	920

❯ Enhancing Educational, support and Recreational Amenities at the Park Road Campus

Recognizing the importance of holistic development, the PRC is having not only exceptional educational facilities but also a wide range of recreational amenities. Purpose-built, spacious lecture halls, well-equipped laboratories and library facilities create an optimal environment for academic pursuits. The recreational and other facilities include dedicated spaces for sports, leisure activities, cafeteria and student lounges. The integration of such amenities ensures a well-rounded educational experience, promoting student well-being and fostering a vibrant campus community. Students have access to recreation as well as state-of-the-art computing and other relevant lab facilities, hostel residency for out of station students, and a well maintained and efficient transport service. Campus services oversee vital functions that keep the PRC of the STMU running. It provides products and services to students, faculty, and Staff. Some of the outstanding features of PRC include:

❯ Functional Classrooms at PRC

The Park Road Campus at STMU boasts 34 spacious and well-designed classrooms, catering to a diverse range of academic needs. Among them, four classrooms are specifically designed to accommodate up to 100 students, while the remaining classrooms offer a comfortable capacity of 50 to 60 students. These thoughtfully arranged classrooms provide an ideal setting for effective teaching and learning experiences, fostering an atmosphere of knowledge-sharing and collaboration.

All classrooms are equipped with modern facilities of cooling/ heating, internet access, whiteboard, acoustics and noise control system and proper lighting facilities.

Functional Classrooms at PRC

➤ Modern Library Hub at PRC

STMU's Park Road Campus proudly houses a state-of-the-art library, spanning an area of 2,400 square feet. This modern library facility comprises several essential components, including a spacious library hall, a dedicated common study room, a digital library equipped with the latest resources, a library store, and an office for the librarian. With its contemporary design and comprehensive resources, the library at PRC stands as a hub of knowledge, empowering students and faculty in their pursuit of academic excellence.

The concurrent status of the library is given below, however, the administration of the campus is constantly working to enhance the resources and enthusiastic to increase the seating capacity up to 100 as well as the no of books up to 5000.

Seating Capacity	No of Books
60	1500

PRC Library is presently equipped with the following features:

- Cooling / Heating Facility.
- Books Lending Facility.
- Inter Library Loan (ILL) facility.
- Reference Services.
- Document Delivery Services.
- Alumni Services.
- Document Library.
- Online Public Access Catalog.

The details of online and hard-copy subscriptions to IEEE and ACM are as below:

Sr. No.	Title	Journal / Magazine	Type	Frequency
1.	Big Data, IEEE Transactions on	Journal	Online	Bimonthly
2.	Artificial Intelligence, IEEE Transactions on	Journal	Online	Bimonthly
3.	Transactions on Knowledge Discovery	Journal	Online	Bimonthly
4.	Transaction on the web	Journal	Online	Quarterly
5.	ACM Computing Surveys	Journal	Online	Bimonthly
6.	Journal of Emerging Technologies in Computing Systems	Journal	Online	Quarterly
7.	Evolutionary Computation, IEEE Transactions on	Journal	Print	Bimonthly
8.	Computer Magazine, IEEE	Magazine	Print & Online	Monthly
9.	Software Magazine, IEEE	Magazine	Print & Online	Bimonthly
10.	Spectrum, IEEE	Magazine	Print	Monthly
11.	Computational Intelligence Magazine, IEEE	Magazine	Print	Quarterly
12.	Communications of ACM	Magazine	Print	Bimonthly
13.	Discover	Magazine	Print	Bimonthly
14.	Maximum PC	Magazine	Print	Monthly
15.	BBC Science Focus	Magazine	Print	Monthly
16.	T3	Magazine	Print	Monthly
17.	New Scientist	Magazine	Print	Weekly
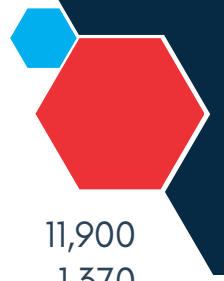
- **Library Books Holding**
  - Total (In hard form)   11,900
  - PRC Library   1,370
  - CS unique titles (in Hard Format)   222
  - CS books (electronic)   332

- **Journals & Magazines Holding**
  - Computing Magazine   17
  - Hard Format   11
  - Computing Journals (HEC)   254
  - Books purchased this year   222
  - Digital subscription of IEEE and ACM

⟩ Cafeteria at PRC

The management of the university always believe to priorities the cafeteria facility at Campus for the main stakeholders of the university. A purpose build cafeteria was established for the faculty, staff and students at PRC. Cafeteria has the capacity of 120 student/faculty at a time. Following are the facilities at PRC Cafeteria:

- Subsidized food
- Hygiene food
- Airy Neat
- Dinning facility

❯❯ Conference Room at PRC

Academic planning/ strategic planning, in any institution, plays pivotal role for the growth of the institution. A purpose build, conference room, was established at PRC. The seating capacity of the PRC conference room is 40. The covered area of the said conference room is 1750 square feet. The conference room is equipped with following facilities:

- Sound proof
- Cooling / Heating
- Attach washroom facility
- Online meeting facility with staged webcam
- Computerized Large Display Screen

Conference Room at PRC

❯❯ Auditorium at PRC

Auditorium with covered area of 11,250 square feet is established for the multi-purpose activities of the STMU. The said auditorium has the 700 students/faculty sitting capacity which can be extended to 11,00 when big events are planned. The said auditorium is being used for the purpose of the students' fun fair activities, conference activity, orientation of the students, as well as for the examination purpose. The auditorium of PRC is equipped with following facilities:

- Sound System
- Cooling / Heating
- Attach washroom facility
- Multimedia with Projector and Screen

Auditorium at PRC

➤ Laboratories at PRC

The PRC of the STMU is equipped with the lab's facilities for the practical and research work of the students and faculty. Concurrently, the followings labs are functioning at PRC:

Department Name	Labs with capacity
Clinical Psychology	Lab–1
	Lab–II
Computing/ IT Labs	Lab–1 with capacity of 50 computer.
	Lab–II with capacity of 35 Computer.
	DLD lab with 12 computer and other technical equipment.
	Computer Lab–III with 20 computers, with technical equipment's.
	FYP Lab
	Library Lab with 10 Computer.
	General Lab– with 15 computer capacity.
Rehabilitation Sciences	Audiology Lab
	SLP lab
	Kinesiology lab.
	Biomechanics Lab.
	MSK and Exercise Lab.
	Electro therapy Lab.
Rehabilitation Sciences	Neuro–Lab.
	Cardio Lab.
	Physiology Lab.
	Autonomy Lab.

Biosciences	Biosciences lab–I
	Biosciences lab–II
	Bio Chemistry Lab

All the laboratories at PRC are fully equipped with the latest equipment at the needs of the present, which enable the students to complete their labs work.

Psychology Lab of Department of Clinical Psychology

The psychology lab of our department is well–equipped with psychological tests and instruments, providing students with training in conducting psychological experiments and enhancing the skills required for administering and interpreting psychological tests of different kinds. A wide range of standardized tests are available of both clinical and research use such as intelligence tests, personality tests, neuropsychological tests, psychopathology assessment tools, and aptitude tests for various age groups. The tests consist of manuals, booklets, answer sheets, and scoring keys. We have standardized projective tests in addition to objective tests as well. The lab supports academic development of students and also serves as a valuable resource for faculty undertaking research activities.

Computing Labs of Department of Computing

❯ Instruction Lab 1

STMU's Department of Computing houses a cutting-edge Computing Lab 1, designed to optimize our students' learning and research experiences. This advanced lab features a high-speed internet connection, facilitating seamless access to online resources and effective collaboration. Equipped with multimedia projectors, instructors can deliver engaging presentations and demonstrations. The lab supports diverse computing activities, including programming, data analysis, and multimedia editing. And provides students with a range of tools and software, including Eclipse and Visual Studio Code IDEs, compilers, and interpreters. With a capacity to accommodate 55 students, the lab houses 42 Core i5 computer systems with 8 GB RAM, featuring 128 GB SSD and 1TB hard disks ensuring optimal performance for resource-intensive tasks. This state-of-the-art facility promotes an environment conducive to practical learning, collaboration, and academic excellence.

Instruction Lab 1, Computer Lab

➤ Instruction Lab 2

Department of Computing is home to Computing Lab 2, that boasts a high–speed internet connection for seamless online resource access and effective collaboration. Equipped with multimedia projectors, instructors can deliver engaging presentations and demonstrations. Tailored to different courses this lab offers a range of tools including Eclipse and Visual Studio Code IDEs, compilers, and interpreters. With a capacity of 55 students, the lab houses 35 computer systems featuring Core i3 processors 5th generation and 4GB RAM, ensuring smooth operation and supporting various computing activities. Computing Lab 2 fosters a conducive environment for practical learning, collaboration, and academic excellence.

Instruction Lab 2, Computer Lab

Instruction Lab 3

Located within the Department of Computing, Computing Lab 3 is an advanced lab equipped with a high-speed internet connection, ensuring seamless access to online resources and facilitating effective collaboration among students. With multimedia projectors in place, instructors can deliver captivating presentations and engaging demonstrations to enhance the learning experience. Specifically tailored for several courses, the lab offers an extensive array of tools, including Eclipse and Visual Studio Code IDEs, compilers, and interpreters. With a capacity to accommodate 40 students, Computing Lab 3 houses 24 computer systems equipped with Core i3 processors 5th generation and 4GB RAM, guaranteeing smooth performance and supporting a wide range of computing activities. This cutting-edge facility fosters a conducive environment for practical learning, collaboration, and academic excellence.

Instruction Lab 3, Computer Lab

Final Year Project Lab

The Final Year Project lab for the students of the Department of Computing, is a unique space where they undertake their final year projects. This specialized lab provides a conducive environment for students to work on their innovative projects, applying their knowledge and skills to solve real-world problems. Equipped with state-of-the-art technology, the lab features high-performance Core i7 computer systems, specifically 10th generation, with impressive specifications such as 256 GB SSD and 1TB Hard disks, along with 16GB RAM. These cutting-edge resources ensure smooth operation and support project development, data analysis, and software implementation requirements. The Final Year Project lab serves as a hub of creativity and collaboration, empowering students to showcase their expertise and make significant contributions to the field of computing.

Final Year Project Lab

❯❯ Digital Logic Design Lab

Department of Computing, Shifa tamer-e-Millat university has State of the art lab for "Digital Logic Design" and "Computer programming & Assembly language". This lab has all the instruments require to cover course and lab content i.e. Digital trainers, oscilloscope, function generators, Variable power supplies, soldering iron and vero boards and Advance computer for programing the chips like Arduino and raspberry-pi. Course related hardware implementation is done in this lab and we provide detailed training to our students for the usage of these instruments which involve IC's, ADC convertors, Serial and parallel communications IC's and digital multimeter. This lab has advance equipment for IOT and robotics related projects which involves sensors like oxygen, temperature, humidity and distance. DLD lab is one of the unique and advance lab where Robots are made.

Digital Logic Design Lab

Laboratories of the Department of Rehabilitation Sciences

▶ Anatomy Lab

Anatomy Lab (LF–02) serves as a vital space for students and professionals to deepen their understanding of the human body. It is a sanctuary of exploration and discovery, where cadavers become teachers and dissections reveal intricate structures. The lab cultivates a unique blend of awe, respect, and scientific curiosity, allowing learners to grasp the complexities of organs, systems, and the beauty of human anatomy. It is here that students forge a profound connection with the human body, shaping their future as healthcare providers and researchers.

▶ Audiology Lab

Audiology lab provides students with hands on experience in assessing and treating hearing disorders. Students learn to use a variety of equipment, including audiometer, Tympanometer, and otoscope, to diagnose hearing loss and other auditory problems. Audiology lab offer students to develop the skills they need to provide high–quality care to patients with hearing loss.

Biomechanics Lab

Biomechanics Lab (LG-06) is fully equipped with all the necessary tools we use in Biomechanics and Ergonomics Lab Curriculum with the accommodation of 50 students at once. This Lab is specific for measurement of all body joints Range of Motion including Spine as well. This Lab also facilitates final year students of DRS STMU in their final research project.

Cardiopulmonary and Emergency Lab

The Cardiopulmonary and Emergency Lab serves as a versatile facility that effectively supports the skills development of DPT students in the areas of emergency procedures and cardiopulmonary physical therapy. Furthermore, its role in data collection for research projects enhances the research capabilities of DPT students, promoting evidence-based practices within the field.

❯ Kinesiology Lab Description

Kinesiology lab has been established to help the students to learn and practice the human movements and its application in daily life. This lab has some equipment that is used to help students learn and practice different skills taught in Kinesiology I and II theory. Students of First and Second semesters use this lab to enhance their practical knowledge. This lab is also engaged in multiple group activities of different semesters.


❯ Medical Physics and Electrotherapy Lab

Medical Physics and Electrotherapy Laboratory is equipped with vast range of electrotherapy modalities including but not limited to short wave diathermy, combination therapy, traction unit, wax bath and infrared therapy device. The lab is also equipped with basic electric component like resistors, transistors, multimeters and oscilloscope.

❯ Neuromuscular Rehabilitation Lab

Neuromuscular rehabilitation lab assists students to understand the causes of neuromuscular diseases, the neural mechanisms underlying impaired function, and its life changing impacts. In the laboratory sessions, neurological physiotherapy skills related to assessment, intervention strategies & procedures to manage patients with various of neurological pathologies are demonstrated and practiced. Various reflective case studies related to the neurological rehabilitation are assigned to the students.
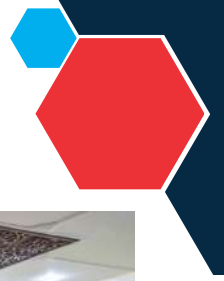
❯ Physiology Laboratory

The Physiology Laboratory is well equipped with demonstrable models and materials required for conducting individual as well as group experiments. The lab features research and laboratory grade equipment for collection and analysis of human specimens such as blood group testing.

❯ Speech-language Pathology Lab

The Speech-Language Pathology Lab comprised of five clinics, serves as a versatile facility to perform lab-work. Moreover, it is ideal for project displays, OSCEs, and viva examinations, creating an environment that encourages academic endeavors.

Biosciences Labs

The labs are well-equipped with the latest, state-of-the-art equipment and are continually updated to parallel the international progress in the discipline of biosciences.

⟫ Bioscience Lab 1

The biosciences laboratory is equipped with advanced instrumentation and facilities to support a wide range of scientific research and experiments. The lab boasts an array of essential equipment, including a chemical analyzer, gel electrophoresis apparatus, microwave oven, water bath, distillation plant, autoclave, and incubator. It facilitates the analysis of various biochemical compounds and molecules, enabling researchers and students to gain valuable insights into complex biological processes.

⟫ Bioscience Lab 2

Bioscience Lab II is a specialized microbiology facility within the Bioscience Department. It is equipped with essential safety features, including a weighing balance, a fume hood, and a biosafety cabinet, ensuring a controlled and sterile environment for microbiological experiments. The lab also houses an incubator to provide optimal conditions for the growth and study of microorganisms. This state-of-the-art facility allows researchers to conduct cutting-edge microbiological research, cell culture, and microbial studies and contribute to advancements in the field of biosciences.

≫ Biochemistry Laboratory

The biochemistry lab within the Bioscience Department is well-equipped with a wide range of test kits for various biochemical analyses, including serum cholesterol estimation, serum creatinine, and pH measurements. This lab offers researchers and students the opportunity to perform diverse experiments and serological tests. With its comprehensive array of test kits, the biochemistry lab serves as a vital resource for conducting research and practical in the field of biochemistry, contributing to advancements in areas such as clinical diagnostics and understanding cellular processes.

Services at Campus

Campus services oversee vital functions that keep the campus of PRC of STMU, running. These services play vital role in the objectives of teaching and learning.

The Campus services areas:

- Safety and Security of the Faculty and Staff.
- Transport facility for female student.
- Water filtration plant for pure water for faculty and students.
- Counselling Center.
- Psychology Center.
- Medical Service/First Aid Facility.
- Campus free Internet Zoon.
- Sports and Extra Curricular Activities.
- Janitorial Services as per international standard.
- Prayer Area.

Female Lounge

Male Common Room

Sports Facilities

Prayer Room

Prayer Room (Majid-Male)

Open Seating Areas within the Campus

PART - VII

Strengthening Technological Infrastructure

Shifa Tameer-e-Millat University is committed towards strengthening its technological infrastructure, focusing on the existing IT structure and the advancements made during the reporting period, that is essential for the academic excellence, research innovation, and administrative efficiency of the university.

Overview of Existing IT Structure

A robust information communication infrastructure composing of high-speed networks, VPNS, routers, switches, servers, and firewalls have been developed. A centralized internet connectivity mechanism is deployed throughout STMU's campuses which are geographically situated at a distance from each other. A state-of-the-art datacenter equipped with the latest servers, and communication devices along with the industry's standard infrastructure e.g. alternative power backup and climate control cooling system is being made at STMU. The data center provides and thus hosts many systems and services which are being made as well as deployed in-house by the STMU's IT team. The following are the details of the equipment that is being installed at STMU's data centers and IT rooms throughout all campuses.

STMU Data Center / IT Control Room Hardware Details

Sr. #	Equipment	Specifications	Status	Remarks
01	SOPHOS Next Generation Firewall (UTM)	Model XG-330interface, Throughput 3.3GHz	Active in SCM Campus	Commissioned to work as a Secured Internet Gateway. A firewall (UTM) and a Router.
02	SOPHOS Next Generation Firewall (UTM)	Model XG-310	Active in PRC campus	Commissioned to work as a Secured Internet Gateway. A firewall (UTM) and a Router.
03	SOPHOS Next Generation Firewall (UTM)	Model XG-210	Active in Admin block I-8	Commissioned to work as a Secured Internet Gateway. A firewall (UTM) and a Router.
04	Dell Power Edge ServerModel: T750	Latest Dell PowerEdge server with high specifications.	Active in PRC campus	These servers are hosting HMIS, and other STMU applications
05	Dell Power Edge ServerModel: T440	Latest Dell PowerEdge server with high specifications.	Active in PRC campus	These servers are hosting STMU Applications.

06	Dell Power Edge ServerModel: T440	Dell intel xeon 1.8G11M cache, Tuerbo DDR4-2400, 16GB RDIMM, 2666 MT/s , 2tb 7200rpm, 240 SSD, REDUNDANT POWERSUPPL.(16 core, 40 MB L3 cache, 128 Gb Ram, 4 Tb SAS 2.5", Dual power supply and Lan ports.)	Active in SCM	These servers are hosting LMS.
07	Dell Power Edge ServerModel: T330	Model T330Intel Xeon processor E3-1220, 3 Ghz, Ram 16 / 32 / 64 GBHDD 1.8 TB	Active SCM	These servers are hosting Domain services, Fileserver, Accounts server.
08	Dell Power Edge ServerModel # T110	Model T110Intel Xeon processor E3-1240 V2, 3.4 Ghz, Ram 8 / 16 GB, HDD 500 GB / 1 TB	Active in scm	These servers are hosting Evaluation system, Online admission system, University Learning management system and HRMS.
09	Dell Power Edge ServerModel # T130	Model T130Intel Xeon processor E3 v2, 3.33 Ghz, Ram 16 GB, 1 TB	Active in scm	This server is active as a backup domain server.
10	HP 360G7	Model: HP 360 G7Inter Xeon 5500Ram 64 / 64 GB, Hdd 1 TB	Active in SCPS	These servers are used to run a thin client machines of computer lab.
11	Dell Power Edge ServerModel : T330	Model T330Intel Xeon processor E3-1220 , 3 Ghz, Ram 16 / 32 / 64 GBHDD 1.8 TB	Active SCPS	These servers are used to run a thin client machines of computer lab.

Data Center

The services in the data center includes the following but are not limited to:
- Centralized secure internet gateway.
- A system for identity management namely the directory services OR domain server. This system links many other services as a base architecture for any future development.
- A security framework to preserve the integrity of the University's digital resources. A system has been deployed to provide a secure desktop environment for the end users by implementing server-based endpoint antivirus software, on each client's computer as a norm for the standard IT policy.
- Provision of controlled internet access to users on the university's network for manageability and transparency in terms of usage of internet service within the university's network.
- A centralized storage solution for data backup and for the retrieval for all STMU users.
- A centralized file or a data sharing server for the employees of Shifa Tameer-e-Millat University.
- Hosting: Learning Management System (LMS) at STMU to provide a virtual learning environment to support new methods of learning and teaching at the university.
- Hosting: the human resource management system (HRMS) of STMU to facilitate its management in conducting their daily activities.
- Hosting of accounts, finance, inventory management, and procurement system.
- Hosting of the university's online admission system.
- Hosting of the teacher's and student's evaluation system.
- Hosting of portal and dashboard of the university's educational programs.
- Hosting online examination server for the university.

All employees of STMU have been provided with the latest computer and scanning systems alongside printing facilities implementing the IT policy guidelines at STMU. Employee's digital data have been protected with a dual layer of protection by means of installation of an antivirus program in the concerned user's computers followed by a centralized firewall.

Being an educational institute, STMU employees are provided with full access to Gmail along with cloud services which falls under the domain of G-SUIT for education. The IS department encourages and trains STMU's employees to back up their data to google cloud at regular intervals. A centralized backup network drive is also attached to STMU's network to back up important data etc. with cloud storage on same the drive to some of the specified places for a classified version of data backup. Another option given for the centralized file server is to also provide a network to employees working at STMU to store hence share their data easily.

Classrooms at STMU are furnished with the latest industry leader branded audio and visual equipment with high-specification computer systems and uninterrupted internet-to-power connections. Teachers, as well as demonstrators, have full access to all digital resources for their teaching purpose.

Every student and employee of STMU has access to HEC digital library and STMU's digital library. While utilizing STMU's network and its library (digital) everyone is given an access to thousands of books, journals, e-papers, articles, and other study resources worldwide.

Students at STMU are provided with high-speed internet connectivity (Wired and wireless) throughout the university campuses. Computer laborites are equipped with the latest high speed and specs computers, scanning and printing facilities.

Computer Hardware and Software Specifications

At STMU distribution of computer systems is done with the help of predefined criteria underlaid in the IT POLICY document structured for such purposes. The current minimum computer specifications ensuring the ability to run the latest software which most end users operate is:

Hardware Specifications for Computer System

- Processor-Core i3(Core i5 or Core i7 otherwise)
- RAM – 4 GB(minimum)
- Hard Drive – 120 GB SSD and/or 1 TB hard drive
- LED screen 19"
- CD/DVD R-RW

Software Specifications for Computer System

- Standard operating system – Windows 10
- Microsoft office 2013 / 2016 / Office 365

Printers, Scanners and Copiers

All STMU employees are provided proper printing and scanning facilities at their workstations. Some employees are granted dedicated desktop printers, while some are provided with a shared printing facility through network printers as per the IT policy of STMU. Multi-function printers (MFP) are also provided in some offices and can be used by all employees when required. These MFPs provide printing, copying, and scanning facilities for staff members.

IT Equipped Lecture Halls and Computer Labs

Apart from bearing powerful network infrastructure, STMU provides fully equipped (IT) lecture halls for its students. DIS installed latest Audio and Video equipment in each classroom, followed by provision of internet to teachers and instructors 24/7 (to conduct their lectures efficiently). Along with IT equipped classrooms, students are facilitated with fully functional computer labs having the latest, high performance computer systems backed by lightning-fast internet.

Lecture Halls

All lecture halls at STMU are equipped with the following features:
- High-resolution multimedia projectors and projection screens or LEDs.

*High-resolution multimedia projectors
and projection screens or LEDs*

Computer Labs

All Computer labs at STMU are equipped with the latest personal computers and high-speed internet connections. All computers are connected to the internet and other digital learning resources, including STMU online digital library, HEC digital library, e-books and journals etc. With scanning, printing, and copying facilities.

Digital Library Resources

Every STMU college and campus has its specified digital library with access to thousands of books, journals, e-papers, articles, and other study resources worldwide. The Department of information system always ensures that each library is always connected to online data sources, getting a 100% provision of internet and access to the registered Journals and HEC digital study resources. Computers are always operational and available for students, and all audio/video equipment used for study references is functional.

University Learning Management System

Shifa Tameer-E-Millat University's Learning Management System is a learning platform designed to provide educators, administrators, and learners with a single robust, secure, and integrated system to create personalized learning environments. Faculty, advisors, and student affairs can assess students' academic performance and risk indicators by utilizing the portal's (in-house) designed interactive dashboards, academic profiles, and messaging tools.

Within the portal any faculty member who identifies students with high-risk factors (i.e poor or short attendance or performance) can communicate with the supporting offices such as Academic Advising, Academic Support Center etc. Also, students get the maximum advantage of using LMS. They can download all material related to academia from one centralized portal. Students can communicate online (anytime) to their respective teachers. Further, they can form new threads, initiate new discussions while discussing ideas and queries without waiting for the next class in the schedule.

High Speed Internet Distribution

STMU is currently using two internet service providers (Nayatel and PTCL). The main backbone /primary internet connection is extracted from Nayatel with an accumulative speed of 400 Mbps, which is further distributed to other campuses too. The second backup ISP is PTCL with approx. 200 Mbps connections which are further distributed in many STMU facilities.

The details of all existing internet connections are listed in table below:

Sr. #	ISP NAME	Link Speed (Mbps)	Location	Status
1	Nayatel	230	STMU Datacenter	Primary Internet Connection
2	Nayatel	100	PRC Campus	Primary Internet Connection
3	Nayatel	10	Admin Block I-8	Primary Internet Connection
4	PTCL	35	Admin Block I-8	Backup Internet connection
5	Nayatel	12	STMU Secretariat	Separate connection for VC office
6	Nayatel	20	STMU Examination dept.	Separate connection for university's examination department.
7	Nayatel	50	VPN from SCM to AHS	Layer-3 VPN connection which connects Allied health science (AHS) campus with university's datacenter and internet.
8	Nayatel	50	VPN from SCM to SIH	Layer-3 VPN connection which connects Shifa international hospital (SIH) campus with university's datacenter and internet.
9	Nayatel	50	VPN from SCM to SCD	Layer-3 VPN connection which connects Shifa college of dentistry (SCD) campus with university's datacenter and internet.
10	Nayatel	10	Medical Technology Department connection.	Separate connection for university's MT department in Dar ul shifa building.
11	PTCL	75	Hostel	I-9 hostel
12	PTCL	100	Hostel	I-8 Hostel

Wifi-Coverage of STMU Colleges/ Campus/ Departments

STMU follow a policy to allow users/ students to get access to the internet through wifi. To fulfill these purposes a piece of high-performance wifi equipment to have been furnished at all these locations that give maximum coverage to all corners of the campuses.

Communication System

PBX (Telephone Exchange)

➤ PRI and Intercom

A complete infrastructure for telecommunication with proper distribution boxes is deployed at all campuses of STMU. The telecommunication system is working independently in each building with remote access to Information systems analyst through STMU's network. An industry standard leading PBX system is deployed in Shifa College of Nursing (SCN), Shifa College of Medicine (SCM), Filahi Clinic and Administrative block (university secretariat), Park Road Campus

Admin Block I-8 and Shifa College of Pharmaceutical Sciences (SCPS) with capacity of more than 100 intercom and CO lines at each site. ATA box (Virtual PBX services) is installed in (DUS) Dar-ul-Shifa building (Medical Technology Department).PRI services for direct number provision to each employee is present in SCM and SCN. The system is highly reliable having features such as voice mail and supports IP and PC soft phones (if deployed), automatic call distribution, call-routing software, call-forwarding, automatic transfer of incoming calls, automated attendant, voice activated management of incoming calls, voice guides for external callers etc. PABX details are mentioned in the table given below:

Sr. #	Equipment	Model	Description	Location
01	Panasonic (PABX) Exchange	Panasonic KX-NS-500	Intercom = 128Direct Line PRI= 70	SCM
02	Panasonic (PABX) Exchange	Panasonic Kx-NS-500	Intercom = 128CO lines =12Direct Line PRI= 30	SCPS
03	Panasonic (PABX) Exchange	Panasonic Kx-NS-500	Intercom = 128CO lines =12Direct Line PRI= 30	SCD
04	Panasonic (PABX) Exchange	Panasonic Kx-NS-500	Intercom = 128CO lines =12Direct Line PRI= 30	PRC
05	Panasonic (PABX) Exchange	Panasonic Kx-NS-500	Intercom = 32CO lines =06Direct Line PRI= 30	Admin Block I-8
04	Shared Exchange solution with SIH		50 PRI connections	SIH
05	Virtual Exchange from ISP	ATA box provided by NAYATEL (ISP)	Intercom = 8Direct Line = 8	DUS

PRI and Intercom

Collaborative Services (Audio / Video Conferencing)

Every college (of Shifa Tamer-E-Millat University) has been provided the facility of audio/video conferencing equipment in their conference halls. Different software such as Zoom and skype are being used for official video conferencing. This video conferencing and collaborative services help the university to improve the student's outcomes via secured video communication services in hybrid classrooms. Office hours, administrative meetings, and much more. Zoom is also integrated with STMU's learning management system to enhance and expand classes with powerful collaboration tools. It creates and repurposes the video content into easily-digested host videos that allow students to learn at their own pace. Blue jeans and Big blue button software are also in use for distant learning.

Information Security System

❯ Data and Internet Security

At STMU, computing services are managed in a centralized manner, while the administration of desktop computing and other specialized services is typically handled by local Information Systems represented at each campus.

The potential increase in the number of security-related incidents on campus as well as state-wide data security audits have resulted in the need for centralization and coordination of security efforts. Implementation of a security structure is done. To help protect the University's IT infrastructure, we utilize a robust and layered array of centralized security measures. These measures include application monitoring, internet traffic monitoring, network monitoring, proactive auditing, VPN solutions, enterprise network next-generation firewall, advanced detection, and prevention tools, and more.

❯ Firewall (Secure Internet Gateway)

We at STMU have currently adopted a centralized and layered approach to secure STMU's network and resources from any sort of intrusion or malicious activity. In order to protect student, employees, and the campus's data, the university has implemented a concrete security solution of a next-generation firewall (SOPHOS) with active traffic filtering, intrusion prevention, and Intrusion detection capability. This firewall comes with a dedicated hardware of very high-performing components and high-speed network ports. SOPHOS firewall is installed in STMU's data center, Admin Block of I-8 and Park Road campus. It works as a central internet gateway for (the entire) STMU network so that every traffic that enters and leaves any STMU network gets monitored and filtered at this point.

Antivirus (Protecting Official Computers)

As a second layer of security an antivirus software is installed on almost every computer attached to STMU's network. We chose SOPHOS ENDPOINT PROTECTION Antivirus software for these purposes because of its very strong signature database and extensive research and development in cyber security.

Surveillance System (Physical Security)

Security cameras are a common solution used to provide visual protection of high traffic areas and valuable inventory. IP cameras located throughout the university operate year-round, 24 hours per day. Security camera footage is accessible to the university's administrative body only and is a subject to review.

STMU campuses feature a variety of buildings, each with their own security needs. Campus security cameras help to secure these facilities, watching for suspicious behavior and unauthorized access. As video surveillance is an invaluable tool, it allows students to wander under the safe watch of campus security cameras during late hours. Campus security cameras can serve as a visual deterrent to crimes, such as theft and break-ins. They have also lessened the threat of vandalism university property. The system monitors parking lots and main gate to deter criminal activity and theft in parking lots throughout campus premises. The surveillance system always monitor campus activity, to ensure university policies are properly followed. This footage can be used for investigation and to identify individuals who have committed crimes or breached any of the university's policy.

IP camera systems are installed in every campus of STMU and controlled by authorized personals only. However because of robust converged network of STMU each facility camera can be accessed and monitored from anywhere within the university. Below are the details of cameras that have been installed in STMU:

Campus Name	No of Cameras	Brand	Specification
Shifa College of Medicine (SCM)	69	Dahua	2 MP IP Cameras with at least 15 days back up
Allied Health Sciences (SCPS)	52	Dahua	2 MP IP Cameras with at least 15 days back up
Shifa College of Nursing (SCN)	32	Dahua	2 MP IP Cameras with at least 15 days back up
Shifa College of Dentistry (SCD)	92	Dahua	2MP IP Cameras with at least 15 days back up
FILAHI Clinic and D-0	24	Dahua	2 MP IP Cameras with at least 15 days back up

Admin Block I–8	16	Dahua	2 MP IP Cameras with at least 15 days back up
Secretariat	8	LG	CCTV
Examination I–8	8	Dahua	2 MP Cameras with at least 15 days back up
Park Road Campus (PRC)	156	Dahua	4 Mp, 2 Mp Cameras with at least 15 days back up

Security Surveillance

Data and Power Backup

Data Centre / Server Backup

➤ NAS (Network Area Storage)

A network area storage device is attached to the STMU's network for data backup of all systems that are being hosted in the data center. As a best practice, the storage device has been placed in other facilities of STMU that is physically apart from the main data center. Details of the NAS device is presented below:

Equipment	Brand	Capacity	Status
Network Area Storage	Western Digital	4TB	Storage is active and attached with STMU network at AHS campus.
Network Area storage	Synology	8 TB	Storage is active and attached with STMU network at SCM campus.

➤ STMU Cloud

Along with Network area storage, STMU provides cloud storage for its users. Users can store their official data backup on the university's cloud, which can be accessed from anywhere in the world (by the use of the internet).

➤ Google Cloud

All STMU employees are granted official accounts on G-Suit, these allow them to use Google drive cloud storage. Having G-suit access for STMU allows one to implement a more productive and cost-saving storage solution. Google Drive is an exciting feature of G-suit, which allows STMU users to access and retrieve unlimited data (using the STMU portal).

➤ STMU Power Back-Up

Dedicated UPS and Power generators are used as an alternative power solution (for STMU IT infrastructure). Most desktop computer user has been provided with a standalone UPS for their computer systems. Every lecture hall and classroom has a dedicated backup power supply which either has standalone ups or a centralized solution for uninterrupted power solutions.

A 10 KVA dedicated UPS has been installed in STMU's data center (in SCM) to provide power backup in case of electricity breakdown. A complete solution of UPS of 6 KVA and 3 KVA is also installed in computer labs and lecture halls for the provision of uninterrupted supply between the changeovers from the main supply to the generator. A 10 KVA dedicated UPS has been installed in the STMU data center in SCM to provide power backup in case of electricity breakdown. A complete solution of UPS of 6 KVA and 3 KVA is also installed in computer labs and lecture halls for the provision of uninterrupted supply between the changeovers from the main supply to the generator.

6 KVA Power backup system is installed in Shifa College of Pharmaceutical Sciences for provision of backup power to thin client lab.

A 72 KVA backup power system is installed in the PRC campus to provide backup to IT infrastructure and lecture halls for uninterrupted lecture deliveries.

Power Backup System

PART - VIII

Universities Building Communities

In an ever-evolving society, universities play a crucial role in shaping the future by not only imparting knowledge and education but also by actively engaging with their surrounding communities. During the period under report Shifa Tameer-e-Millat University (STMU) actively remained engaged in initiatives aimed at fostering community partnerships, making a positive impact on the well-being of communities, and creating awareness. various initiatives were undertaken/ continued by the university in building communities and fostering a sense of social responsibility among its students, faculty, and staff. Few of the activities of university are as below:

Shifa Foundation Community Health Centre (Falahi Clinic)

Shifa Foundation Community Health Centre (SFCHC) is also known as "FALAHI CLINIC". It was established in March 2001, dedicated to providing healthcare services to underserved communities. The community health center aims to improve access to quality healthcare for the underprivileged segment of the society. Initially, it started functioning at a small scale, but ultimately gained the level of more than 500 patients (OPD - Out Patient Department) daily.

Shifa Foundation Community Health Centre (Falahi Clinic)

The Falahi Clinic is affiliated with Shifa College of Medicine for clinical teaching purposes (of undergraduate students and postgraduate trainees), where it caters for the healthcare needs of the non-affording segment of community at highly subsidized rates and even totally free of charges. As the patients of SFCHC are managed / treated in Shifa International Hospital (SIH); a Joint Commission International (JCI) Accredited Tertiary-Care Hospital, therefore, the level of medical care provided to such patients is equivalent to the highest quality care provided to any paying patient at SIH.

Key features of the Shifa Foundation Community Health Centre (Falahi Clinic) include:

❯❯ Primary Healthcare Services

The center offers basic medical services, including consultations with healthcare professionals, diagnosis, and treatment of common illnesses and conditions.

❯❯ Preventive Care

The center focuses on preventive healthcare by providing vaccinations, health education, and promoting healthy lifestyle practices to the community.

❯❯ Maternal and Child Health

Special attention is given to maternal and child health services, including prenatal care, postnatal care, immunizations, and growth monitoring for infants and children.

❯❯ Health Education and Awareness

The center conducts health education sessions and awareness campaigns to empower the community with knowledge about common health issues, disease prevention, and hygiene practices.

❯❯ Outreach Programs

The Shifa Foundation Community Health Centre also have outreach programs to reach out to remote or disadvantaged communities, providing healthcare services and awareness in areas where access to healthcare is limited.

Key contributions of the Shifa Foundation Community Health Centre (Falahi Clinic) for community, during the year 2022, include:

Data	Value
Services provided to patients	55,570
OPD Cases	53,961
IPD Cases	1,609
Approx. value of treatment (Rs)	493 Million

Services provided to patients
55,570

OPD Cases
53,961

IPD Cases
1,609

Approx. value of treatment (Rs)
493 Million

Shifa-Rotary Clinic: A Beacon of Healthcare for Underprivileged Communities

To fulfill STMU's commitment of addressing the healthcare needs of underprivileged populations Shifa-Rotary Clinic was established in Nurpur Shahan, Islamabad, in collaboration with the Rotary Club and Shifa Foundation. Since its inception in April 2010, the clinic has provided preventive and curative healthcare services, with a special focus on maternal and child health, to the surrounding underprivileged community. In addition, the clinic serves as an off-campus teaching department for medical and nursing students from Shifa College of Medicine (SCM) and Shifa College of Nursing (SCN). By integrating teaching opportunities for medical and nursing students, the clinic also plays a crucial role in educating the next generation of healthcare professionals.

A Hub of Compassionate Healthcare

The Shifa-Rotary Clinic operates as a free primary healthcare facility, catering to individuals who are unable to afford even the most basic medicines. It strives to provide essential medical services to all patients, free of cost. The clinic has employed local residents, predominantly women, as support staff, fostering economic empowerment within the community.

A Hub of Compassionate Healthcare

Initial Assessment and Medical Consultations

Upon arrival at the clinic, patients undergo a physical assessment, including weight, temperature, and blood pressure measurements. After the assessment, patients are referred to the doctors of Shifa Tameer-e-Millat University (STMU) for further medical consultations. Medicines prescribed by the doctors are provided to the patients free of cost, ensuring access to essential medications.

Laboratory and Ultrasound Services

In cases where laboratory investigations are required, the clinic collects samples on-site with the assistance of a phlebotomist employed by Shifa Foundation. The reports are delivered the next day, facilitating prompt diagnosis and treatment. Additionally, the clinic offers ultrasound services for antenatal patients, with the ultrasound machine donated by Shifa Foundation. Trained obstetricians/ gynecologists from Shifa College of Medicine (SCM) conduct ultrasounds, ensuring quality care for expectant mothers. The costs of laboratory and ultrasound services are subsidized through Shifa Foundation, alleviating the financial burden for patients.

Immunization Services and Family Planning

Shifa-Rotary Clinic collaborates with the Capital Development Authority (CDA) to provide immunization services to children under the age of two. A vaccinator appointed by the CDA visits the clinic every Tuesday to administer vaccines, supporting the community's immunization needs. Furthermore, the clinic partners with the Regional Training Institute (RTI) in Islamabad to offer family planning services. A Family Planning Counselor appointed by the RTI visits the clinic once a week, providing comprehensive family planning services to patients.

Support for Flood-Affected Communities

Shifa Tameer-e-Millat University, in collaboration with Shifa Foundation, played a significant role in supporting and helping the flood-affected communities during the year 2022 when Pakistan faced devastated floods that affected thousands of people. Through initiatives such as free medical camps, fundraising activities, and collection drives, STMU actively participated in addressing the immediate and long-term needs of the affected individuals. The university's commitment to community building was evident in its efforts to provide medical relief, healthcare services, and necessary supplies to those in need. The university, its departments, students, and faculty actively participated in various activities, including free medical camps and fundraising initiatives, to assist those in need.

Free Medical Camps with Senior Students and Graduates

The Shifa Student Society (SSS) organized free medical camps in Madyan and Swat, providing essential healthcare services to the flood-affected population. Senior students and graduates of STMU actively participated in dispensing medications, conducting basic health check-ups, and offering medical relief and support on the ground. These medical camps aimed to address immediate healthcare needs and ensure the well-being of the affected individuals.

❯❯ Laboratory and Ultrasound Services

In cases where laboratory investigations are required, the clinic collects samples on-site with the assistance of a phlebotomist employed by Shifa Foundation. The reports are delivered the next day, facilitating prompt diagnosis and treatment. Additionally, the clinic offers ultrasound services for antenatal patients, with the ultrasound machine donated by Shifa Foundation. Trained obstetricians/ gynecologists from Shifa College of Medicine (SCM) conduct ultrasounds, ensuring quality care for expectant mothers. The costs of laboratory and ultrasound services are subsidized through Shifa Foundation, alleviating the financial burden for patients.

Free Medical Camp for Flood Affectees

❯❯ Free Medical Camp with Consultants

Shifaites Serving Humanities (SSH) organized a free medical camp in Tarnab, KPK. This initiative involved consultants and medical professionals providing comprehensive healthcare services, including dispensing medications, conducting health check-ups, performing medical tests, and offering on-ground medical relief and support. The camp aimed to address the medical needs of the flood-affected people and provide them with necessary treatments and support.

Free Medical Camp with Consultants
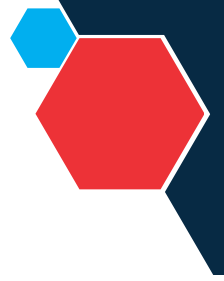
❯❯ Collection of Donations and Fundraising Activities

The student body and Tameer-e-Millat Foundation, in collaboration with faculty, staff, and the local community, organized donation drives and fundraising activities to support the flood-affected people. Various methods such as pledges, door-to-door campaigns, social media campaigns, in-kind donations, movie screenings, and funfair/ bake sales stalls on campus sites were utilized to collect funds and items. The collected funds were distributed transparently through the Shifa Foundation, ensuring fair distribution and maximum impact. Moreover, faculty and students along with donors contributed generously and achieved the target of facilitating and helping 20,000 families.

Shifa College of Nursing (SCN) Free Medical Camp

SCN organized a free medical camp in the village of Zakha in the district of Nowshera, KPK. A team of doctors, nurses, faculty members, and 50 BSN 3rd year students participated in the camp. The medical team conducted health assessments, while nursing students raised awareness among the flood-affected people about water purification, prevention of diseases, personal hygiene, and maternal health. The camp also included a clinical psychologist who educated people about stress management techniques. Free medicine, food, and other essential items worth Rs. 115,000 were distributed to the affected individuals.

Shifa College of Pharmaceutical Sciences Blood Donation Camp

Shifa College of Pharmaceutical Sciences (SCPS) volunteer society in collaboration with Pakistan Red Crescent Society (PRCS) organized "Blood Donation Camp" at the occasion of World Humanitarian Day on August 19, 2022 for achieving their mission of "*Alleviating Human Suffering*" through provision of services to the deserving thalassemia, hemophilia, cancer, dialysis & obstetric patients. The purpose of organizing Blood Donation Camp was twofold; First to provide relief to deserving patients who are in dire need of blood and second to raise awareness about the importance of blood donation and the critical need for blood in medical treatments. The students and faculty equally participated for the greater cause.

Shifa College of Pharmaceutical Sciences
Blood Donation Camp

GIHD-STMU School Mental Health Program for Training Public School Teachers

To create a supportive and inclusive psychosocial climate within schools, where the mental well-being of students is prioritized, GIHD-STMU provided free training for 300 teachers from different public schools in its online School Mental Health Program (SMHP). This program, endorsed by the World Health Organization (WHO), offered comprehensive guidance and resources to enhance the psychological well-being of students and create supportive environments within schools.

Through the said program, teachers received in-depth training on various aspects of mental health, equipping them with practical strategies to address the socio-emotional challenges faced by students. The training covered topics such as understanding common mental health issues, identifying early signs of distress, promoting resilience, and coping skills, fostering positive relationships, and implementing effective classroom interventions. Teachers were actively engaged in interactive learning modules, case studies, and discussions to enhance their knowledge and skills.

To acknowledge the dedication and efforts of the trained teachers, recognizable training certificates were awarded upon completion of the School Mental Health Program. These certificates serve as a testament to their commitment to promoting mental health and well-being within their educational communities.

GIHD-STMU School Mental Health Program for Training School Administration in Dar-e-Arqam School, Rawalpindi

GIHD-STMU delivered an impactful training session on the School Mental Health Program (SMHP) to the district-level school administration of Dar-e-Arqam School Rawalpindi. The training session was specifically tailored for school heads and coordinators, aiming to enhance their understanding of mental health issues and equip them with effective strategies to support students. The content of the session covered a range of topics, including understanding common mental health issues among students, recognizing early signs of distress, fostering a positive school climate, and implementing effective strategies to support student well-being.

The training session witnessed active participation from 33 dedicated school heads and coordinators from Dar-e-Arqam School. The participants engaged in insightful discussions, shared experiences, and gained valuable knowledge to enhance their understanding of mental health in the school environment. Through interactive activities and case studies, the session provided practical tools and resources to empower school administrators in their role as advocates for student mental health.

GIHD-STMU Early Adolescent Skills for Emotion (EASE) Program in School Settings

During the period under report GIHD-STMU played a pivotal role in building communities by addressing the psychological well-being of early adolescents through the Early Adolescent Skills for Emotion (EASE) Program. GIHD-STMU in collaboration with the World Health Organization (WHO), implemented the EASE program that was culturally adapted to cater to the specific needs and local context of Rawalpindi. Grounded in evidence-based Cognitive Behavioral Therapy techniques, the program equipped adolescents with vital skills to manage their emotions and build psychological resilience.

The university graduates, trained in the EASE program, played a crucial role in implementing the intervention within school settings. They worked closely with a targeted group of 300 adolescents who were experiencing psychological distress. By conducting group sessions, the graduates facilitated a supportive environment for early adolescents to learn and practice the skills provided by the EASE program. The program sessions focused on enhancing emotional awareness, promoting adaptive coping strategies, and fostering positive social interactions.

The EASE program also recognized the significance of involving caregivers in supporting the emotional well-being of early adolescents. Caregivers were actively engaged in the program, providing them with an understanding of the skills being taught to their children. By incorporating caregivers, the program aimed to create a supportive network of individuals equipped to nurture the emotional growth of adolescents.

GIHD-STMU Empowering Health through Community Clinic Services

The Community Clinic at GIHD-STMU has been a beacon of hope for individuals and families in need of quality healthcare. The clinic has diligently worked to address both curative and preventive aspects of healthcare, recognizing the importance of holistic well-being. By providing a wide range of services, the clinic strives to meet the diverse healthcare needs of the community it serves. The primary health services offered by the Community Clinic aim to provide comprehensive healthcare to individuals of all age groups. From routine check-ups to managing chronic conditions, the clinic focuses on promoting and maintaining optimal health through regular examinations, health assessments, and timely interventions.

GIHD-STMU Community Clinic provides a wide range of services, diagnostic tests and facilities as listed below and is busy addressing the diverse healthcare needs of the community.

Services	Diagnostic Tests	Facilities
Primary health	BSL	Medicines
Behavioral Health	Pregnancy test	Ultrasound
Perinatal Care		
Antenatal Care		
Pediatric Care		
Preventive Care		

Through its unwavering dedication and provision of essential facilities and medicines, the GIHD-STMU Community Clinic is playing a vital role in bridging healthcare gaps and empowering individuals and families to lead healthier lives.

GIHD-STMU Empowering Health through Community Clinic Services

Tree Plantation Initiatives

STMU organizes regular tree plantation initiatives in collaboration with students, faculty, staff, community members, government agencies, and non–profit entities that serves as a powerful tool for addressing climate change, enhancing biodiversity, and improving the quality of life for communities. These initiatives involve identifying suitable areas within the university premises and surrounding community spaces for tree planting. The university works with horticulturists to select appropriate tree species that are native, resilient, and well–suited to the local ecosystem.

⟫ Annual Tree Plantation Event

Department of Community Medicine, Shifa College of Medicine organized an "Annual Tree Plantation Event" in collaboration with the officials of Capital Development Authority (CDA) on August 31, 2022. Students, faculty, community members, officials of CDA participated in this tree plantation activity and the Chancellor STMU, Dr Manzoor ul Haq Qazi, the Vice Chancellor Prof Dr Muhammad Iqbal Khan and Dean FHS Prof Dr Muhammad Amir were also present for the occasion. Students of the MBBS Class of 2026 generously contributed to the plantation of 75 fruit trees and 25 ornamental plants that included Peach, Damson, Apple, Sapodilla, Loquat, JavaPlum, Pomegranate, Persimmon, and others as per CDA advice. This tree plantation activity on one hand served the purpose of familiarizing university students with the importance of forests and on the other hand provided the opportunity to the university to contribute to a greener and healthier environment while actively engaging with the community.

Annual Tree Plantation Event

❯❯ Botanical Garden Remodeling and Poster/ Model Competition

Shifa College of Pharmaceutical Sciences organized "Botanical Garden Remodeling and Poster/ Model Competition" on March 14, 2022, for supporting the Clean-Green Pakistan initiative. The said competition was organized to create awareness for bringing a positive change in the environment and for enhancing innovation and creativity via poster competition highlighting environmental issues together with their solutions. Students, faculty and community members participated and the Dean FPAHS and officials of Islamabad Chamber of Commerce and Industries (ICCI) were also present. Mr. Mohammad Shakeel Munir, President of ICCI, encouraged students to bring forward impactful ideas merging industry and pharmaceutical sciences for bringing a positive change in environment.

➤ World Environment Day

The World Environment Day is celebrated each year and for the year 2022 was celebrated with 'only one earth' as the theme on June 5, 2022, at National University of Modern Languages focusing on 'Living sustainably in harmony with nature' that calls for collective efforts on a global scale to protect our planet. One of the students of SCPS, namely Laiba Ishfaq secured 1st position in Model Competition on presenting her idea of plastic recycling.

➤ ICCI Environmental Expo

The students of SCPS participated in "ICCI Environmental Expo" organized by the Islamabad Chamber of Commerce and Industries (ICCI) on May 26, 2022, at the occasion of World Environment Day 2022. The purpose of said Expo was to raise global awareness and to take positive environmental actions to protect nature and planet earth. Among participants from different educational institutions, public and business community, the students of STMU presented their precious ideas through different models and posters on Plastic recycling, Medicinal Plants Significance, Green Chemistry, Bioremediation and Organic Waste recycling projects. The students of SCPS secured first position in the Model Competition and Mr. Fahad also Secured 2nd Position in in Photography competition.

ICCI Environmental Expo

➤ Plantation Drive

The students and faculty of Shifa College of Pharmaceutical Sciences (SCPS) organized a "Plantation Drive" on September 27, 2022, as a community engagement activity for bringing people together and educate them to understand the importance of environmental conservation and for develop a sense of responsibility and stewardship towards the environment. Around 100–150 plants were provided by the government of Pakistan for the said plantation drive. Out of them around 30 were planted on the green belt located outside the university by the enthusiastic students and they were equally backed by SCPS faculty.

Beyond the immediate benefits of tree plantation, STMU emphasized the importance of ongoing care and maintenance of the planted trees. Educational workshops and training sessions were conducted to empower participants with the knowledge and skills required to nurture the newly planted saplings. This holistic approach ensured the long-term sustainability and survival of the planted trees, maximizing their positive impact on the environment.

Promoting Oral Health Through School Dental Camps, Campaigns & Walks

To play its role in building communities and addressing oral health issues Shifa College of Dentistry (SCD) took several initiatives in organizing School Dental Camps for providing oral health examination and awareness services to local schools and the community. Through vigorous campaigns, including lectures, demonstrations, and free dental check-ups, SCD aims to address common oral health problems faced by children and community members and promote dental hygiene practices. At all these School Camps the following activities were carried out by the dental specialists of SCD:

- The proper way of brushing teeth for children was explained and demonstrated.
- All the children were given the opportunity to practice and perform brushing on models using toothbrushes.

- Oral examination and screening were performed to get an insight of the oral health condition of the children as well as their teachers.
- After the screening and demonstration, every child was given a present of a toothbrush and toothpaste.
- School Teachers and the children were also given oral hygiene instructions to maintain their oral Health.

❯❯ School Dental Camp at Dar-e-Arqam School System

For providing oral health examination and awareness services to the local schools and communities through free dental check-ups, lectures, and demonstrations, a Camp was organized at Dar-e-Arqam School System by the Department of Community and Preventive Dentistry, SCD on November 25, 2022

School Dental Camp at Dar-e-Arqam School System

❯❯ School Dental Camp at Air Foundation School System

For reducing the burden of most prevalent dental ailments like dental caries and periodontal disease and improving oral health-related quality of life of children and adults a Camp was organized at Air Foundation School System by the Department of Community and Preventive Dentistry, SCD on November 25, 2022.

❯❯ Rigorous Electronic media Campaign

To provide oral health awareness to the public and community an online media campaign was launched during 2022 by SCD and information about the provision of preventive health services to the local community was disseminated in line with the vision of SCD.

❯❯ Oral Health Day Walk

An Oral Health Day walk was organized by the Department of Dentistry at Shifa College of Dentistry on March 18, 2022, to provide awareness to the community about oral health. The walk was followed by displaying informative videos and stalls were established. The students, faculty and nearby community members participated in the said walk.

PART - IX

Sports

Shifa Tameer-e-Millat University is committed not only to academic excellence but also towards providing a conducive environment necessary for the holistic development of its students. STMU provides ample opportunities for its students to organize, participate and excel in different sports activities that not only enhances their physical and mental health but also fosters teamwork, discipline, time management, goal setting, and resilience, which are transferable to various aspects of their lives.

Some of the aims and objectives of these sports activities and various competitions carried out in STMU throughout the year are:

- To foster a culture of leadership, creativity, teamwork and healthy competition among the students.
- To encourage the students to showcase their talents and skills in different domains such as sports, arts, culture and other similar activities.
- To celebrate the diversity and richness of the cultures of Pakistan and other countries.
- To provide a platform for the students to interact with each other and learn from each other's strengths.
- To instil a sense of social responsibility and civic engagement among the students.
- To enhance the physical, mental and social well-being of the students.

Highlights

During the year 2022, STMU organised several events which can be broadly categorised as below:

STMU Sports Activities

All constitute colleges/ departments of Shifa Tameer-e-Millat University organize inter and intra-college/ departmental sports competitions throughout the year for common sports such as cricket, football, badminton, table tennis, volleyball, basketball and athletics. These continuous sports activities aim to promote sportsmanship, fitness and camaraderie among the students of different colleges/ departments under STMU. Faculty and students participated in these events with zeal and enthusiasm.

Here are a few pictorial highlights of some of these events:

STMU cultural festival

This is another annual event that celebrates the diversity and richness of the cultures of Pakistan and other countries. The Cultural Festival features various performances, exhibitions, stalls and food items that reflect different regions and communities' cultural heritage and traditions. The Cultural Festival also provides a platform for the students to interact with each other and learn from each other's cultures.

A few highlights from the event:

STMU student-led literary competitions

Shifa Tameer-e-Millat University has taken initiatives for empowering its students. For this purpose, STMU has made multiple student societies and committees that work within their respective college/ department and are holistically inclusive for all STMU-affiliated colleges. One of these student-led societies fosters a love for literature and language among the students of university. During the period under report, various literary events were organised that included:

- Poetry competition
- Debates
- Declamations
- Book fairs

Students at STMU also publish an annual magazine that showcases the literary works of the students and faculty of STMU.

Here are a few pictorial highlights of the period under report:

STMU student-led art and cultural competitions

This is another student-led society that nurtures the artistic talents and interests of the students of STMU. SAS organises various arts events such as:

- Painting competitions
- Photography exhibitions
- Sketching workshops
- Musical nights
- Drama festivals

STMU provides training and guidance to students who want to pursue arts as a hobby or a career. Here are a few pictures of various events in which students of STMU participated and learnt important lessons:

Shifa College of Pharmaceutical Sciences Table Tennis Tournament

The sports society of SCPS organized a Table Tennis Tournament on January 13, 2022, to provide students a platform to engage in a competitive sport and develop their physical fitness, hand-eye coordination, and concentration skills. Highlights of said tournament are reflected in pictures below:

These are some glimpses, how STMU strives to provide a conducive environment for its students to grow academically, personally, and professionally. STMU believes that extra- and co-curricular activities are essential for developing well-rounded individuals who can contribute positively to society. STMU is proud of its students who have excelled in various fields and have brought laurels to the university and invites you to join its vibrant community of learners and achievers who make a difference in the world with their knowledge, skills, and values.

Split Details of the Sports Activities

During the reporting period (Summer 2022 and Fall 2022/ Year 2022), the students of different Faculties/ Departments organised and participated in various leadership activities like competitions, national events, visits/ trips to different organisations, excursion visits, exhibitions etc. The details of these events are detailed below:

Participation in the All-Pakistan Universities (intervarsity) Sports/Games

❱ *Shifa College of Medicine (SCM)*

S. No.	Sport/Game	No. of Participants	Awards/ Positions
1	Football	40	2nd
2	Volley Ball	30	3rd
3	Table Tennis	40	2nd

Participation in the STMU Inter-Department Sports / Games

➤ STMU - Shifa College of Medicine (SCM)

S. No.	Sport/Game	No. of Participants	Awards/ Positions
1	Cricket	55	Prizes to first three position
2	Football	60	Prizes to first three position
3	Volleyball	60	Prizes to first three position
4	Table Tennis	80	Prizes to first three position
5	Tug of War	100	Prizes to first three position

➤ STMU, Shifa College of Pharmaceutical Sciences (SCPS)

S. No.	Sport/Game	No. of Participants	Awards/ Positions
1	Table Tennis	28	Trophy 1st and 2nd
2	Badminton	50	Trophy 1st and 2nd
3	e-Games (PUBG)	8 Teams	Winner Cash Prize

Other Contests (Hamd, Na'at, Speeches, Debates, etc.)

➤ STMU, Shifa College of Medicine (SCM)

S. No.	Title/Theme of the Contest/Event/ Occasion	Organizer	No. of Participants	Awards/ Positions
1	Qirat competition	Al-Nafees Medical College	2	-
2	Naat competition	Al-Nafees Medical College	2	-
3	Mini skits by new first year	Shifa College of Medicine	100	Prizes to first three positions
4	Video making competition	Shifa College of Medicine	100	Prizes to first three positions
5	Drama in light of the Independence Day	Shifa College of Medicine	100	N/A
6	Debates in light of Independence Day	Shifa College of Medicine	20	Prizes to first three position
7	VFAHT	VFAHT	25	NA
8	Tree plantation activity	Shifa College of Medicine	100	NA
9	E poster competition	Shifa College of Medicine	100	Prizes to first three positions
10	Scholar's day	Shifa College of Medicine	150	Prizes to first three positions
11	Debates competition on Pakistan Dat	Shifa College of Medicine	20	Prizes to first three positions

S. No.	Title/Theme of the Contest/Event/ Occasion	Organizer	No. of Participants	Awards/ Positions
12	Naat Competition	SIST	01	1st Position
13	Non-Violent Communication(Workshop)	SCPS Literary Society	60	N/A
14	Discover Yourself (Seminar)	SCPS Character Building Society	100	N/A
15	SIST 2022	SSS	26	1st Position (Girls) Table Tennis, 2nd Position PUBG

Alumni Gatherings/Events organised by the Alumni or by the College/ Department

Alumni, an essential component of the STMU family, play a crucial role in the growth and recognition of the university. The following activities were carried out by the alums of different faculties of STMU during the reporting period:

Shifa College of Medicine (SCM)

S. No.	Theme/ Purpose of the Gathering/Event	Organizer	No. of Participants	Special Comments/ Remarks
1	Meeting with Alumni for future gatherings	Shifa College of Medicine	25	Alumni encouraged the idea and committed for their contribution

Shifa College of Pharmaceutical Sciences (SCPS)

S. No.	Theme/ Purpose of the Gathering/Event	Organizer	No. of Participants	Special Comments/ Remarks
2	SCPS Annual Function 2022	SCPS Arts & Culture Society	350	Cultural discussions and other activities.

In conclusion, this report has presented the main activities STMU carried out in 2022 to help our students learn about themselves, teamwork and team building, and social responsibility while polishing hidden talents. We at STMU commit to carrying on these and more activities the following year and grooming our students for nation-building.

PART - X

Universities Building Leadership

Shifa Tameer-e-Millat University (STMU) in committed towards nurturing leadership qualities among both students and faculty members with the aim to create a positive impact on society. By fostering student leadership through representative bodies, community interaction initiatives, and leadership development programs, university prepares students to be the future leaders who can drive positive change in society. Similarly, by encouraging faculty participation in different events, activities, programs and interactive sessions, STMU ensures academic excellence and supports students' holistic development. Through these efforts, STMU strengthens its commitment to building leadership capacity and making a significant impact on the communities it serves.

Student leadership activities play a crucial role in the holistic development of university students that complement the academic activities and provide students with opportunities to develop professional and leadership skills, time management, problem-solving, and critical thinking and enhance their overall personal and professional growth. Through these activities students get the chance to pursue their passions, discover new interests, and gain practical knowledge that complements their academic learning and prepares them for their future career. These activities provide the students with a holistic educational experience that goes beyond textbooks and lectures.

Students and faculty members of all the colleges and Departments at STMU organize and participate in different activities, the details of all these is as below:

S. No.	Event Title/ Date(s)	Purpose/Objectives	Outcomes
Shifa College of Medicine (SCM)			
1	Rural Health Centre (RHC), Tarlai- MBBS 1st Year.March 29-30, 2022	To familiarize students with the working of Primary Health Care Centre and interact with patients, in the semi-urban setting of Islamabad.	This community visit helped them better understand the working of Primary Health Care in Pakistan as well as had experience to engage with the patients. https://stmu.edu.pk/visit-to-rural-health-centre-rhc-tarlai/
2	Dialysis Unit SIH visit May 16-17, 2022	Insight into the working of the dialysis unit and all the processes involved, including the machinery used. This working was demonstrated on real patients with ongoing dialysis treatment in the unit.	Exposure to hospital-based treatment. Interaction with patients & their caregivers to learn about their ongoing treatment and their experience of haemodialysis. https://stmu.edu.pk/dialysis-unit-sih-attended-by-year-2-students/

3	Visit to Ittehad Steel MillsMay 24 & June 1, 2022	To familiarize students with the subject of occupational health by giving them exposure to the work environment of a steel mill.	Insight into the potential occupational hazards, diseases and role of personal protective equipment. https://stmu.edu.pk/visit-to-industrial-area-learning-occupational-health/
4	Epidemiology of HIV/AIDS- Guest LectureJune 23, 2022	To address the myths and stigma related to HIV and possible causes contributing to the rapid increase in the cases of HIV.	Encouraged the students to participate in different activities to create awareness among the youth regarding the spread of HIV under the National AIDS Control Program, Pakistan. https://stmu.edu.pk/guest-lecture-on-epidemiology-of-hiv-aids-associated-stigma/
5	Health Awareness WalkJune 23, 2022	Health education	For public awareness https://stmu.edu.pk/walk-for-a-cause-health-promotion-against-respiratory-diseases/
6	Visit to the Rural Health Center (RHC)- MBBS 3rd Year ClassJune 28, 2022	To familiarize students with the Primary Health Care Centre's working in the semi-urban setting of Islamabad.	This community visit helped them better understand the working of Primary Health Care in Pakistan. https://stmu.edu.pk/understanding-primary-health-care-visit-rhc-barakahu-and-tarlai-ict/
7	A visit to the blood bank July 4-5, 2022	To create awareness among Year 1 MBBS students regarding the importance of blood donation and blood transfusion.	Students found this visit helpful and inspirational; a few donated their blood too. https://stmu.edu.pk/visit-to-blood-bank-class-of-2026/
8	Visit to Care for Special Persons Foundation August 10, 2022	To interact with persons with special abilities in their learning environment.	The persons with special abilities felt inclusive and were delighted by the visit. The medical students were deeply touched by this visit and said it would help them understand and build empathy among themselves. https://stmu.edu.pk/learning-to-care-for-persons-with-special-abilities/
9	Rehabilitation Centre for Children with Developmental Disorders August 11 & 15, 2022	To familiarize students with the working of governmental setup for children with special abilities	Developing empathy. https://stmu.edu.pk/learning-empathy-through-interaction-with-special-children/
10	75th Pakistan Independence Day August 12, 2022	To pay tribute to the sacrifices of our leaders and people in the creation of Pakistan	Enhanced patriotism. https://stmu.edu.pk/75th-pakistan-independence-day/

11	Journey of Independence: Basis for the creation of Pakistan & Historical developmentsAugust 15, 2022	To sensitize the students about the basis and historical developments in the creation of Pakistan, along with awareness about the sacrifices of millions of Muslims.	Students realized the need to be grateful to Almighty for the creation of Pakistan https://stmu.edu.pk/journey-of-independence-basis-for-the-creation-of-pakistan-historical-developments/
12	Guest Lecture on TB August 22, 2022	To familiarize students with the growing endemic of TB	Students learnt the importance of public health awareness in the prevention & control of TB. https://stmu.edu.pk/epidemiology-of-tb-guest-lecture-by-dr-razia-fatima/
13	Awareness session regarding Using a White Cane for Persons with Visual ImpairmentAugust 29-30, 2022	To create awareness regarding the practical use of a white cane.	The message conveyed to the medical students was that little effort from health professionals can be very helpful in improving the mobility and quality of life of visually impaired persons. https://stmu.edu.pk/awareness-session-regarding-using-a-white-cane-for-persons-with-visual-impairment/
14	Donations for Tree Planation	To generate the spirit and practice of philanthropy	Students generously contributed to this cause
15	Visit to the hospital waste management facility, SIHSeptember 2, 2022	To be familiar with Infection Control protocols in a hospital environment	Through this visit, the students learned about proper handling, segregation techniques and disposal of hospital waste as part of infection control teaching. https://stmu.edu.pk/learning-infection-control-through-a-visit-to-the-hospital-waste-management-facility-sih/
16	11th Annual Shifa Scholars' Day, 2022 September 26, 2022	National level Hybrid poster competition	Encourage medical and dental students all over Pakistan to do research. https://stmu.edu.pk/11th-annual-shifa-scholars-day-2022/
17	Quality of Life of Parents of Children with Special AbilitiesSeptember 30, 2022	To gain firsthand knowledge about the QOL of parents of children with special abilities.	The take-home message for future doctors was to listen attentively to their patients, show empathy, give patients time to discuss their issues, ask about family and psychosocial history, and smile at the end. https://stmu.edu.pk/quality-of-life-of-parents-of-children-with-special-abilities/

18	Iqbal Day November 11, 2022	To sensitize students regarding the role of Prof Dr. Allama Iqbal in the creation of Pakistan	Students revisited the sacrifices made by our leaders in the creation of Pakistan. https://stmu.edu.pk/iqbal-day-2022/
19	Breast Cancer Awareness Seminar November 15, 2022	To raise awareness regarding the importance of Breast self-examination, available treatment options and rehabilitation	Medical students discussed ways to create awareness regarding the most common cancer among females.
20	Creating awareness on Anti-Corruption December 1, 2022	To raise awareness regarding corruption and its detrimental effects on society,	Students discussed their first hand experience in facing moral corruption. https://stmu.edu.pk/corruption-a-moral-cancer/

Shifa College of Nursing (SCN)

21	Visit Water Treatment plant Nov 7, 2022 (Fall) Mar 21,2022 (Spring)	A visit to a water treatment plant allows students to see firsthand how water from various sources (such as rivers, lakes, or underground wells) is treated to make it safe for consumption. They can learn about the different stages of water treatment, including coagulation, sedimentation, filtration, disinfection, and distribution.	Students have observed and learned about the various stages involved in water treatment, such as coagulation, sedimentation, filtration, disinfection, and distribution. They can acquire knowledge about how raw water is transformed into safe domestic use water.
22	Visit to Slaughterhouse Sihala Nov 8,2022 (Fall) Mar 14, 2022 (Spring)	Students can learn about the various steps involved in ensuring food safety and quality control in the slaughterhouse. They can observe the procedures followed to prevent contamination, maintain hygiene, and enforce regulatory guidelines to produce safe dairy proteins.	Students identified the measures taken to ensure health and hygiene at the slaughterhouse. They acquired knowledge about diseases which can be transferred from animals to humans and their preventions.
23	Bari Imam Community Sep 17, 2022 (Fall) Apr 5-8, 2022(Spring)	Family assessment tools help students develop a holistic understanding of the individuals they are caring for by considering the family as a unit. By assessing the family's dynamics, relationships, and resources, students can provide more comprehensive and tailored care to meet the needs of both the individual and the family as a whole.	Students learned to identify and analyze various aspects of family functioning, such as communication patterns, power dynamics, roles, and relationships. They recognized both strengths and challenges within families, enabling them to provide targeted support and interventions.

	Shifa College of Medical Technology (SCMT)		
24	Bake Sale on Allied Health Professional DayBSMT Faculty and StudentsOctober 18, 2022	Flood Relief	The collected account was donated to Al-Khidmat Foundation for flood relief.
	Department of Rehabilitation Sciences (DRS)		
25	Turn to ALLAH before you return to ALLAH April 7, 2022	Aim of Life	Vision of life
26	ICCI Environmental Expo, World Environment DayJune 2022	Tree Plantation	Message for public: Clean the environment and make it a healthy place to survive and live
27	Free Physical Therapy Camp on Back PainJune 18, 2022	To assess common problems of Back pain in different patients	To diagnose and manage patients with Low back pain
28	Assessment and treatment of Temporomandibular Joint DisorderJune 15, 2022	To assess different conditions of TMJ involvement	Treatment of patients suffering from TMJ disorders in community
29	Assessment and treatment of Pelvic Floor Muscle DysfunctionJune 17, 2022	To Assess patients with pelvic floor muscle dysfunction	To diagnose and treat different conditions of pelvic floor dysfunction in community
30	Physical Therapy SeminarJuly 17, 2022	To discuss current evidence based research in physical therapy	Understanding of evidence-based practice in hospitals and clinics
31	Teachers' DayOctober 5, 2022	To appreciate teachers for their untiring efforts and dedication	Teachers' motivation
32	Flood Raising Fun FairSeptember 27, 2022	To help flood victims in affected areas of Pakistan	Successfully raised and delivered the funds to victims
33	International Day of Peace through EducationSeptember 21, 2022	To create awareness about peace	Take home message for peace through education
34	World Cerebral Palsy DayOctober 6, 2022	To create awareness among public about Cerebral palsy through posters and presentations via multidisciplinary panel discussion	Multidisciplinary approach for management of a CP child
35	World Osteoporosis DayDRSOctober 20, 2022	To assess bone health among community	Community awareness of bone density

36	Physical Therapy Camp on Myofacial Syndrome Dry NeedlingJuly 2, 2022	Assessment of different trigger points of different muscles and their management	Awareness about Independent application of Dry needling by the students
Shifa College of Pharmaceutical Sciences (FCPS)			
37	Dast-e-ShafqatApril 1, 2022	SCPS Volunteer Society organized an event for the Orphan Kids of Noreen welfare Trust to help enrich the lives of community's youngest members.	To develop empathy, compassion, and social responsibility among the students. Various activities were conducted for the arrangement of the kids like, balloon collection, naat competition. Lunch was hosted for everyone and gifts were distributed among the orphan children.
38	Non-Violent Communication (NVC)April 7, 2022	SCPS Literary Society in collaboration with SCPS Character Building Society has conducted a workshop on Non-Violent Communication (NVC) which is a method designed to increase empathy and eliminate intolerance, violence, hate-speech from our society.	To equip students/teachers with the essential theory and skills to put NVC into practice in our daily life, at work, with our family or in society. Arshad Warsi, Lead Trainer at Sehar Institute, Practitioner of Nonviolent Communication, was the trainer of the workshop elaborately explained the techniques that can be utilized in our everyday life to ensure that the empathy prevails and tolerance is exercised.
39	Recreational TripMay 21, 2022	SCPS Adventure Society organized one-day trip to Mushkpuri (Hiking) as an activity that promotes physical, mental, and emotional well-being while fostering social connections and personal growth.	To provide opportunities for self-reflection, introspection, and personal growth. More than 20 Faculty members accompanied students to theMushkpuri Top.
40	Discover YourselfJune 7, 2022	Character Building Society (CBS) of SCPS organized a seminar on Discover yourself on 7th June 2022 in an effort to boast and strengthen the faith of students and faculty members.	To help in personality development and self –awareness. Speaker of the day, Mr. Tuaha Ibn Jalil is a Trainer, Entrepreneur and life coach, a naturally gifted orator, motivational speaker & Country Head at Youth Club Trust.
41	Welcome Party 2022June 25, 2022	SCPS Arts and Culture society had organized "Welcome 2022", Auditorium of Park Road campus on 25th June, 2022 to create a warm and inviting atmosphere for new individuals, making them feel comfortable and accepted.	To help new individuals meet and get to know their new community, fostering relationships and connections. The audience was then entertained with startling performances i.e., Cultural Dance performances, Ramp walk, Singing, Standup comedy, funny wrestling and many more.

42	World Pharmacist Day(Poster Competition)September 25, 2022	Pharmacists around the globe celebrate World Pharmacist Day on 25th September every year. This year's theme, "Pharmacy united in action for a healthier world," aims to promote unity and highlight the importance of pharmacy on health.	To promote pharmacy services and to emphasize the importance of Pharmaceutical Sciences. 8th semester group caught the attention of audience with outstanding exhibit. They designed a remarkable injectable preparation of vancomycin. Other students used posters, charts, panaflex, and models to showcase their ideas.
Department of Clinical Psychology (DCP)			
43	4 days training on Traditional Islamically Integrated Psychotherapy (TIIP)June 20-23, 2022	To make the learners understand a framework for integrating contemporary behavioral science into an inherently Islamic framework.	The learner will be able to use this model as an indigenized therapeutic approach to deal with problems of mental health based on Islamic Ideology
44	Celebration of International Anti-Narcotics DayJuly 7, 2022	To create an awareness in the students about the hazards of Drugs use and abuse.	The attendees of the workshop had insight about increasing Drug use prevalence as well as the harmful effects that are linked with drugs use and abuse.

PART - XI

Finance

Shifa Tameer-e-Millat University (STMU), being a private sector university, takes pride in managing its finances without any reliance on government funding and is committed to self-sustained growth, responsible financial management, and the effective utilization of resources. Through financial sustainability, STMU intends to have flexibility for aligning its financial strategies with its academic vision, ensuring the provision of quality education, innovative research opportunities, and exceptional student experiences.

Annual Statement of Accounts (Audited) 2021-2022

The Annual Statement of Accounts offers transparency and accountability, showcasing the responsible management of financial resources and highlighting the university's commitment to financial stability. The Annual Statement of Accounts of STMU for the financial year 2021-2022 is being presented in table below:

NON-CURRENT ASSETS	2021-2022
	Total (Rs.)
Property and Equipment	843,738,084
Intangible Assets – Software Licenses	418,088
Long term investment	22,359,151
Long Term Security Deposits	18,085,580
Sub Total	884,600,903
CURRENT ASSETS	
Advances – Considered Goods	
Short term deposits and prepayments	436,418,735
Short term investment	
Fee Receivable	129,166,290
Stores and spares	4,514,757
Other receivables	126,547,627
Cash and bank balances	975,846,076
Sub Total	1,672,493,48
TOTAL	2,557,094,388

FUNDS AND LIABILITIES	
FUNDS	
University General fund	941,096,923
University Specific Fund	
Endowment Fund	
Fair value reserve	5,012,175
Sub Total	**946,109,098**
LIABILITIES	
NON-CURRENT LIABILITIES	
Deferred grants	366,913,004
Liabilities against assets subject to finance lease	205,580,436
Other non-current liabilities	332,094,552
Students' security deposits	54,591,174
Deferred liabilities	
Sub Total	**959,179,166**
CURRENT LIABILITIES	
Accrued and other liabilities	58,627,180
Contract liabilities – Fee received in advance	482,524,620
Current portion of non-current liabilities	110,654,324
Sub Total	**651,806,124**
TOTAL	**2,557,094,388**

Income and Expenditure Statement for the Reporting Period

The Income and Expenditure Statement of STMU, for the financial year 2021-2022, includes the details of income from different sources and expenditure on salary, non-salary and other sources.

	2020–2021 (Rs.)	2021–2022 (Rs.)
	INCOME	
Income from Fees	1,169,536,374	1,363,015,879
Income from Other Sources	263,976,450	385,767,001
Total Income	**1,433,512,824**	**1,748,782,880**
	EXPENDITURE	
Operating Expenditure	1,059,260,941	1,305,111,909
Administrative Expenditure	86,577,562	162,498,187
Total Expenditure	**1,145,838,503**	**1,467,610,096**
Surplus/(Deficit)	**287,674,321**	**281,172,784**

STMU Budget for the Financial Year 2021–2022

A: Total Income	(Rs. Millions)
1. Donations	
a. Donations	39
Sub-total	**39**
2. Own Income	
a. Tuition Fees	1,179
b. All Other Fees	125
c. Hostel / User Charges, etc.	59
d. Amortization of deferred grants and other income	291
e. Other Income	55
Sub-total	**1709**
Total Available Resources	**1,748**
3. Expenditure	
a. Faculty Salary	240
b. Non – Faculty Salary	365
c. Other Establishment Charges	–
d. Non–Salary Expenses/ Other Charges	862
B. Total Expenditure	**1,467**
C. Surplus/ (Deficit)	**281**

Self-Generated Income

The university's self-generated income plays a crucial role in supporting its academic and operational needs. Being a private sector university, all the income for the operations and development of STMU has to be generated through its own sources and main component of that comprise of the students' fees. During the reporting period, the self-generated income of STMU was Rs. 1,709 million.

Student Spending Trend

During the reporting period, per student spending was Rs. 0.5 million.

Financial Year at a Glance

During the year 2021-2022 STMU has consolidated its infrastructure and has expanded its Campus at Park Road. Capital is invested in renovation of rented building by converting into purpose-built infrastructure for accommodating different existing Departments and establishing new Departments. The infrastructure included classrooms, Academic leadership and Faculty offices, Laboratories, IT related facilities, students' facilities etc.

PART - XII

University Governance

The Shifa Tameer-e-Millat University (STMU) Islamabad was established in 2012, as a Federally Chartered, not-for-profit University under the Shifa Tameer-e-Millat University Act 2012 (Act No. VII of 2012). University functions under the governance of its Senate, chaired by the Chancellor of the university and is headed by the Vice Chancellor who is the Chief Executive Officer mandated for all administrative and academic functions of the university. As per Section 15 of the Shifa Tameer-e-Millat University Act, 2012, following are the authorities of the University, namely:

a. Authorities established by this Act,
   i. The Senate;
   ii. The Syndicate; and
   iii. The Academic Council.
b. Authorities established by the Statues,
   i. Board of Governing Sponsors of Shifa Tameer-e-Millat University;
   ii. Graduate Studies and Research Management Council (GSRMC);
   iii. Recruitment, Development, Evaluation & Promotion Committees for Teachers and other Staff;
   iv. University Selection and Promotion Board;
   v. Career Placement and Internship Committee of each Faculty;
   vi. Search Committee for the appointment of Vice Chancellor;
   vii. Representation Committees;
   viii. Faculty Council;
   ix. Departmental Board of Studies/ Departmental Council; and
   x. Finance and Planning Committee.

Senate

The university Senate established under Section 16 of the Shifa Tameer-e-Millat University Act, 2012 is the highest body responsible for the overall governance of the university. The details of membership of university Senate, during the year 2022, are as below:

S. No	Composition as per University Act	Name	Membership	Tenure
1	The Chancellor who shall be the Chairperson of the Senate	Dr. Manzoor ul Haq Qazi	Chairperson	*Ex-officio*
2	The Vice-Chancellor	Prof. Mohammad Iqbal Khan	Member	*Ex-officio*
3	One member of the Government not below the rank of Additional Secretary from the Ministry of Education or any other department relevant to the special focus of the University	Nominee of Ministry of Education	Member	*Ex-officio*

S. No	Composition as per University Act	Name	Membership	Tenure
4	Four persons from society at large being persons of distinction in the fields of administration, management, education, academics, law, accountancy, medicine, fine arts, architecture, agriculture, science, technology and engineering such that the appointment of these persons reflects a balance across the various fields	Dr. Imran Nazir Ahmed	Member	3-years tenure
5		Dr. Samea K. Ahmed	Member	3-years tenure
6		Dr. Habib ur Rehman	Member	3-years tenure
7		Mr. Muhammad Iqbal Sheikh	Member	3-years tenure
8	One person from amongst the alumni of the University	Dr. Sammer Aamir Niazi	Member	3-years tenure
9	Two persons from the academic community of the country, other than an employee of the University, at the level of professor or principal of a college	Prof. Dr. Zia Ul Qayyum	Member	3-years tenure
10		Vacant	Member	3-years tenure
11	Four University Teachers	Prof. Ejaz A. Khan	Member	3-years tenure
12		Prof. Tausif Ahmed Rajput	Member	3-years tenure
13		Prof. Dr. Anwar Ali Shah	Member	3-years tenure
14		Prof. Dr. Ayesha Junaid	Member	3-years tenure
15	One person nominated by the Commission	Nominee of Commission	Member	Ex-officio
16	The Registrar	Prof. Dr. Izhar Hussain	Secretary	Ex-officio

Till December 31, 2022, a total of 20 meetings of STMU Senate have been held and during the reporting period 01 meeting was held a per following detail:

Meeting No.	Date of Meeting
20th	June 29, 2022

Syndicate

University Syndicate established under Section 19 of the Shifa Tameer-e-Millat University Act, 2012 is the executive body that is responsible for general supervision over the affairs and management of the university. The details of membership of university Syndicate, during the year 2022, are as below:

S. No	Composition as per University Act	Name	Membership	Tenure
1	The Vice Chancellor who shall be its Chairperson	Prof. Dr. Mohammad Iqbal Khan, Vice Chancellor	Chairperson	Ex-officio

2		Prof. Dr. Mohammad Amir, Dean FHS	Member	*Ex-officio*
3	The Deans of the Faculties of the University	Prof. Dr. Raisa Gul, Dean FNM	Member	*Ex-officio*
4		Prof. Dr. Tausif Ahmed Rajput, Dean FPAHS	Member	*Ex-officio*
5		Prof. Dr. Muhammad Tahir Khalily, Dean FSSH	Member	*Ex-officio*
6	Three professors from different departments, who are not members of the Senate, to be elected by the University Teachers in accordance with the procedure to be prescribed by the Senate	Prof. Dr. Muhammad Saeed Shafi, Professor of Anatomy, SCM	Member	3-years tenure
7		Prof. Dr. Tahir Iqbal Professor of Medicine, SCM	Member	3-years tenure
8		Prof. Dr. Muhammad Israr Professor of Oral & Maxillofacial Surgery, SCD	Member	3-years tenure
9	Principals of the constituent colleges	Prof. Dr. Anwar Ali ShahPrincipal, SCD	Member	*Ex-officio*
10	The Registrar	Prof. Dr. Izhar Hussain Registrar	Member	*Ex-officio*
11	The Treasurer	Mr. Usman Ali Treasurer/ CFO	Member	*Ex-officio*
12	The Controller of Examinations	Prof. (Emeritus) Dr. Muhammad Iqbal Controller of Examinations	Member	*Ex-officio*

Till December 31, 2022, a total of 32 meetings of Syndicate have been held and during the reporting period 01 meeting was held a per following detail:

Meeting No.	Date of Meeting
32nd	June 24, 2022

Academic Council

The Academic Council of the university established under Section 21 of the Shifa Tameer-e-Millat University Act, 2012 is the principal academic body of the university that has the powers to lay down proper standards of instructions, research, and examinations and to regulate and promote the academic life of the university and its constituent faculties/ colleges/ schools/ departments/ institutes. The details of membership of university academic council, during the year 2022, are as below:

Clause	Provision	Name	Membership	Tenure
1	The Vice Chancellor	Prof. Dr. Mohammad Iqbal Khan, Vice Chancellor	Chairperson	*Ex-officio*
2	The Deans of the Faculties of the University and such Heads of departments as may be prescribed	Prof. Dr. Mohammad AmirDean FHS/Principal SCM	Member	*Ex-officio*
3		Prof. Dr. Raisa GulDean FNM	Member	*Ex-officio*
4		Prof. Dr. Tausif Ahmed RajputDean FPS/Principal SCPS	Member	*Ex-officio*
5		Prof. Dr. Muhammad Tahir KhalilyDean FSSH	Member	*Ex-officio*
6		Prof. Dr. Anwar Ali ShahPrincipal, SCD	Member	*Ex-officio*
7		Prof. Dr. Muhammad Tanvir AfzalDirector, Department of Computing	Member	*Ex-officio*
8		Dr. Usman Handani Director, GIHD	Member	*Ex-officio*
9		Dr. Mustafeez Babar Associate Professor/ Chairperson Biosciences	Member	*Ex-officio*
10		Prof. Dr. Sajid Bashir Head, DMS	Member	*Ex-officio*
11		Dr. Abdul Ghafoor SajjadHead, DRS	Member	*Ex-officio*
12		Dr. Farrukh MateenHead, SCMT	Member	*Ex-officio*
13	Five members representing the departments, institutes and the constituent colleges to be elected in the manner prescribed by the Senate	Dr. Madiha Ahmed Associate Professor, SCPS	Member	*3-years tenure*
14		Dr. Sagheer Ahmed Professor, SCPS	Member	*3-years tenure*
15		Dr. Aamir Nazir Ahmed Assistant Professor, SCM	Member	*3-years tenure*
16		Dr. Muhammad Khan Asif Assistant Professor, SCD	Member	*3-years tenure*
17		Mr. Muhammad Ishtiaq Assistant Professor, SCN	Member	*3-years tenure*
18		Dr. Shafaq Altaf Assistant Professor, DRS	Member	*3-years tenure*
19	Five Professors including Emeritus Professors	Prof. Ahsan Hameed Professor, SCM	Member	*3-years tenure*
20		Prof. Dr. Atif Iqbal Rana Professor, SCM	Member	*3-years tenure*
21		Dr. M. Amer Raza Awan Professor, SCM	Member	*3-years tenure*

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22		Prof. Dr. Shujaat Hasan Idris Professor, SCD	Member	*3-years tenure*
23		Prof. Dr. Aisha Rafi Professor, SCD	Member	*3-years tenure*
24	The Registrar	Prof. Dr. Izhar Hussain Registrar	Member/ Secretary	*Ex-officio*
25	The Controller of Examinations	Prof. (Emeritus) Dr. Muhammad Iqbal, Controller of Examinations	Member	*Ex-officio*
26	The Librarian	Mr. Aman Ullah Deputy Chief Librarian	Member	*Ex-officio*

Till December 31, 2022, a total of 32 meetings of Academic Council have been held and during the reporting period 02 meetings were held as per following detail:

Meeting No.	Date of Meeting
31st	April 29, 2022
32nd	September 29, 2022

Board of Governing Sponsors of the University

The Board of Governing Sponsors of STMU oversees the policies, progress, and direction of the University. It is a policy board that functions at the executive level to administer coordination with the management of sponsors and STMU, within the laid down mandate and policies. It is responsible for defining the strategic direction of the university without its involvement in day-to-day functioning, however, major decisions in investments, disinvestments, financial and welfare operations are approved by the said Board. As the highest policy making body, it is invested with the powers necessary to govern their affairs to meet the objectives as laid down in the statement of values and mission of STMU.

Graduate Studies and Research Management Council (GSRMC)

The GSRMC at STMU has been established to advise authorities on all the matters related with the promotion of advanced studies and research in the University, to appoint supervisors for research students, to ensure quality of graduate programs students, approve PhD thesis and all other related matters of research degrees.

Till December 31, 2022, a total of 16 meetings of GSRMC have been held and during the reporting period 02 meetings were held as per following detail:

Meeting No.	Date of Meeting
15th	April 25, 2022
16th	September 26, 2022

Faculty Council (FC)

Faculty Council for every faculty of university is established for ensuring high standards of teaching and research, advising relevant authorities on all academic and research policies and matters of concerned faculty, safeguarding harmony and cooperation among colleges/ schools/ departments, recommending scheme of studies/ curriculum, academic and research policies, MS, M. Phil and PhD programs with detailed feasibility reports for the consideration of relevant Academic Council/ GSRMC, as the case may be, and performing such other functions as assigned by the university authorities. The meetings of Faculty Council of each faculty are held under the chairpersonship of Dean of respective faculty.

Departmental Council/ Departmental Board of Studies

Departmental Council/ Departmental Board of Studies in established for every college/ school/ department/ institute of the university for implementing approved academic, administrative and research policies, recommending academic programs, scheme of studies, curricula and course, recommending the creation, development and improvement of facilities and infrastructure in the college/ school/ department/ institute and proposing ways and means to ensure high standard of teaching and research in the faculty.

Each college/ school/ department/ institute holds the meetings of Departmental Council/ Departmental Board of Studies under the chairpersonship of Principal/ Head of respective college/ school/ department/ institute. The details of meetings of Departmental Council/ Departmental Board of Studies of different colleges/ school/ departments/ institute, held during the period under report, are given in Table below:

Departmental Council/ Board of Studies of College/ Department/ Institute	No. of Meetings during the Year 2022
Shifa College of Medicine (SCM)	3
Department of Management Sciences (DMS)	2
Department of Clinical Psychology (DCP)	2
Shifa College of Dentistry (SCD)	2
Department of Biosciences (DBS)	1
Global Institute of Human Development (GIHD)	2
Department of Computing (DC)	4

University Selection and Promotion Board

Meetings of the University Selection and Promotion Board are held periodically for interviewing and selecting candidates for advertised academic posts of Assistant Professor and above and equivalent administrative posts. The meetings of the University Selection and Promotion Board are held under the Chairmanship of the Vice Chancellor.

Finance and Planning Committee

Since the inception of the university, a total of 12 meetings of the Finance and Planning Committee were held. Further, last meeting of Finance and Planning Committee was held during the reporting period, as detailed below:

Meeting No.	Date of Meeting
12th	June 21, 2022