



TUF | THE UNIVERSITY OF
FAISALABAD

2020-2021
ANNUAL
REPORT

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the name of ALLAH,
the most Beneficent, the most Merciful.

هُوَ الَّذِي جَعَلَ الشَّمْسُ ضِيَاءً وَالْقَمَرَ نُورًا وَجَعَلَ لَكُمُ الْيُسْبُلَ إِلَى
وَالْحَمْدُ لِلَّهِ الَّذِي لَا إِلَهَ إِلَّا هُوَ يُصَدِّقُ لِقَوْلِ الْمُؤْمِنِينَ

It is He Who has made the sun shine and the moon light and determined for them stages
that you may know the computation of years and calculations. Allah has created them only to
manifest truth. He explains fully the Verses for the knowledgeable people.

(Sura Yunus: 05)

صَلِّ عَلَى النَّبِيِّ مُحَمَّدٍ وَآلِهِ وَصَحْبِهِ وَسَلَّمَ

May ALLAH grant His peace and blessings to His beloved Prophet
Muhammad (SAW) and to his family and his companions.

شاہ اسحق پادشاہ اسحق
دین اسحق دین پادشاہ اسحق
سردار داد دست دست زید
حاکم ثنائی اللہ اسحق

حضرت امام حسین علیہ السلام سردار بھی ہیں اور پادشاہ بھی۔ حضرت امام حسین علیہ السلام اقتدار دین بھی ہیں
اور دین اسلام کے لئے پناہ اور ڈھال بھی۔ آپ نے اپنا سر قربان کر دیا مگر یزید کے ہاتھ میں ہاتھ نہ دیا۔

اللہ کی قسم حضرت امام حسین علیہ السلام لا الہ الا یعنی دین اسلام کی بنیاد ہیں۔

مریم ازیک نسبت عینی عزیز
نور چشم رحمۃ للعالمین
بافوائے آل تاجدار اہل آتی
مادہ آں مرکز پر کار عشق
اونسبت حضرت نہرہ عزیز
آل امام اولین و آخرین
مرقنی مشکل کشا شیخدا
مادہ آں قافلہ سلازلعشق

حضرت مریم سلام اللہ علیہا ایک نسبت یعنی عیسیٰ علیہ السلام کی والدہ ہونے کے سبب معزز ہیں جبکہ سیدہ فاطمہ زہرا سلام اللہ علیہا تین نسبتوں سے
عزت اور احترام کی مستحق ہیں۔ (۱) آپ تمام جہانوں کے لئے رحمت بن کر آنے والے نبی اور وہ نبی جو پہلے والوں اور بعد والوں سب کے قائد
اور رہنما ہیں کی آنکھوں کا نور ہیں۔ (۲) آپ اس ہستی (حضرت علی کرم اللہ وجہہ) جنہیں اللہ تعالیٰ نے ہل آتی (سورۃ الدھر) کا تاج پہنایا اور
جو مشکل حل کرنے والے اور اللہ تعالیٰ کے شیر ہیں کی رفیقہ حیات ہیں۔ (۳) آپ اس ہستی (حضرت امام حسن علیہ السلام) کی ماں ہیں جو عشق
کمال کا مرکز ہیں۔ آپ اس ہستی (حضرت امام حسین علیہ السلام) کی ماں بھی ہیں جو عشق کے قافلہ سالار اور قائد ہیں۔

TUF | THE UNIVERSITY OF
FAISALABAD

Congratulations TUFIANs

Another Milestone Achieved

The University of Faisalabad is declared as
341st Most Sustainable University as per the
UI GreenMetric World University Rankings-2021.
TUF also Secured **9th Position** amongst all Universities and
3rd in Private Universities of Pakistan.



TUF is shortlisted for Workplace of the Year category Award.
TUF is the only University in Pakistan shortlisted for
Times Higher Education Asia awards 2021
in this Category



HEALTH SCIENCES WING

University Town, Sargodha Road, Faisalabad.

Tel: +92 41 8868326-30, Fax: +92 41 8868220, Cell: 0330 1980604-05



ENGINEERING WING

Faisal Town, West Canal Road, Faisalabad.

Tel: +92 41 8750971-75, Fax: +92 41 8750970, Cell: 0330 1980690-91



VISION

To be a leading educational institution characterized by

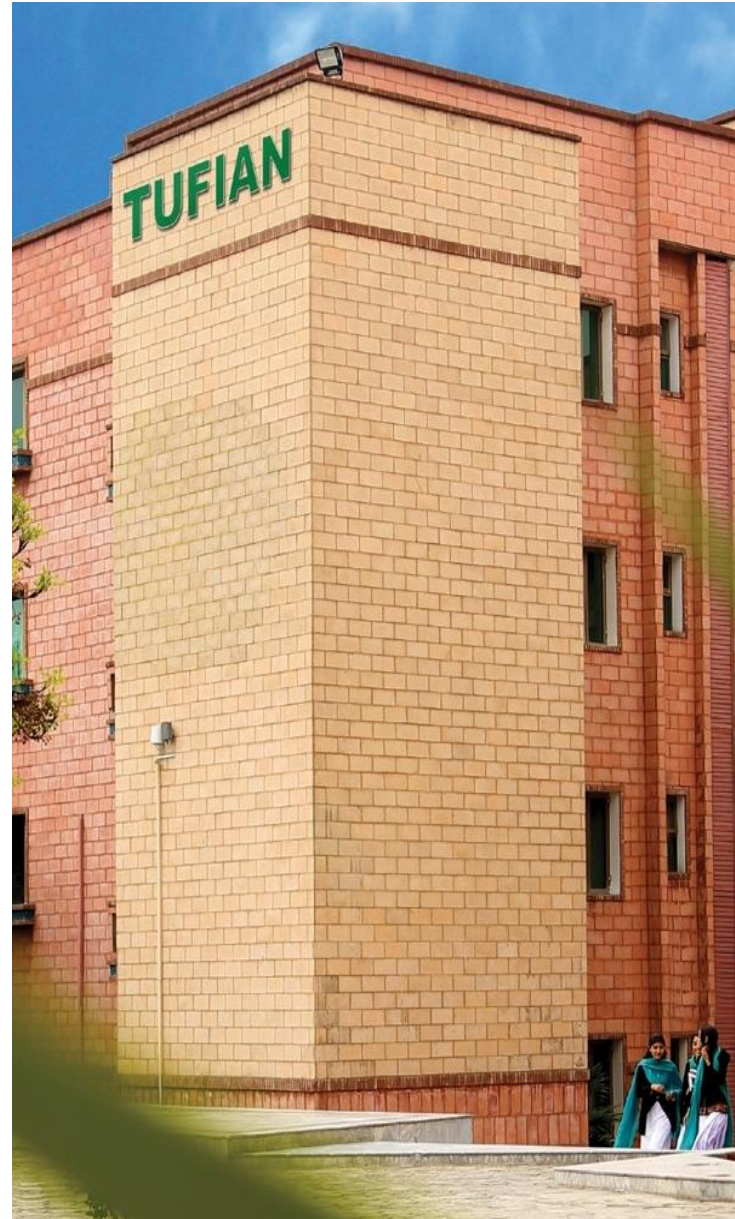
- An intellectual environment conducive for innovative teaching and learning
- A culture of research to address the challenges faced by Pakistan
- Top quality professional faculty meeting local and global educational requirements
- Emphasis on Islamic /ethical values for inculcating love, patriotism and service to humanity.

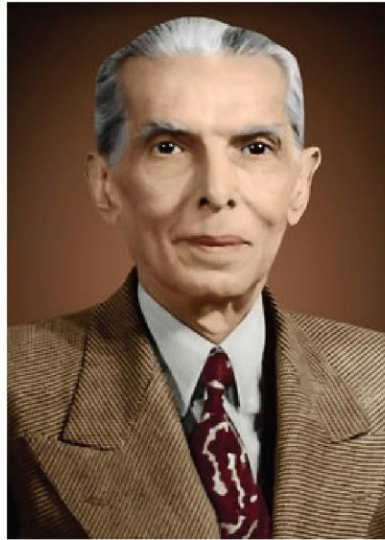
MISSION

"Mission of the University is to contribute and create a transformative educational experience through pursuit of learning, research, innovation and collaborations at the highest global level of excellence, with emphasis on Islamic/ethical values."

Contents

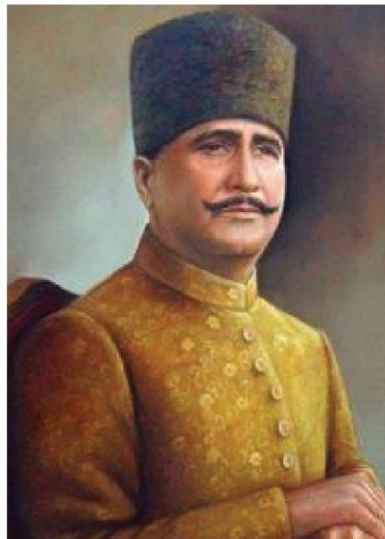
- Messages
- Executive Summary
- About the University
- Academic Programs
 - 1. Academic Activities
 - 2. Research and Development
 - 3. Quality Assurance
 - 4. Access
 - 5. Building Communities
 - 6. Strengthening Physical Infrastructure
 - 7. Strengthening Technological Infrastructure
 - 8. Finances
 - 9. University Governance
 - 10. Medical and other facilities





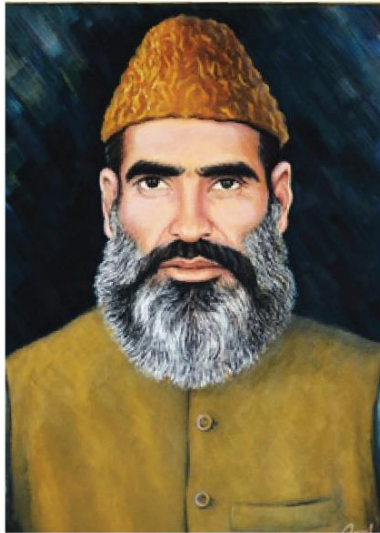
“Pakistan is proud of her youth, particularly the students, who are nation builders of tomorrow. They must fully equip themselves by discipline, education and training for the arduous task lying ahead of them.”

Muhammad Ali Jinnah (Rehmat-Ullah Alaih)



“Be aware of your own worth, use all of your power to achieve it. Create an ocean from a dewdrop. Do not beg for light from the moon, obtain it from the spark with in you.”

Dr Allama Muhammad Iqbal (Rehmat-Ullah Alaih)



Haji Muhammad Saleem (Late)
Founder Chairman of Madinah Foundation

VISION
- Industry - Service - Education



Mian Muhammad Hanif (SI)
Patron-in-Chief
Madinah Group



Muhammad Haider Amin
Chairman
Board of Governors

Message

By the grace of Allah Almighty, The University of Faisalabad has achieved high level of excellence in education, research and infrastructure and started to enjoy international recognitions. Recently, The University of Faisalabad is ranked amongst top 400 Universities of the world.

TUF is ranked amongst top 400 Universities of the world. The University of Faisalabad is declared as 341st Most Sustainable University as per the UIGreenMetric World University Rankings-2021. TUF also Secured 9th Position amongst all Universities and 3rd in Private Universities of Pakistan.

TUF has been also awarded “Corporate Social Responsibility Award 2021” and “Certificate of Excellence” for remarkable efforts and initiatives taken under CSR in the category of women welfare, empowerment and development. These all are big achievements and moments of pride for all of us. The deliberate and dedicated efforts continue with added vigour and enthusiasm for further enlargement of achievements in future. During eighteen years since its establishment, the University has shown manifold overall growth. Facilities for the existing programs have been strengthened while more programs in emerging disciplines under faculties of Health Sciences and Engineering have been launched. The University of Faisalabad also launched Educational Radio Channel Wave FM 96.6 in 2014. The well thought combination of education, information, knowledge and entertainment programs will not only broaden the outlook of students but will also educate and benefit the population of the surrounding areas at large. Our highly qualified and experienced faculty members and well equipped laboratories and libraries are integrated to transform the learners into well rounded and responsible citizens with promising future. This task is accomplished through seminars, industrial tours, career counseling and visits of prominent educationists and industrialists who guide the students on the basis of their experiences. The board of governors, management and faculty members strive as a team to achieve the designated goal of providing quality education to the students.

For us ‘sky in the limit’. I am confident that The University of Faisalabad will find new avenues to get worldwide recognition and will continue to contribute towards empowerment of our youth for social and economic development and a prosperous Pakistan.



Prof (Meritorious & Tenured)
Dr Muhammad Khaleeq ur Rahman
Rector

Message

I certainly take pride in leading The University of Faisalabad (TUF) – an institution of higher learning, which aims to foster academic values of innovative teaching and learning. TUF has the mission of inculcating love for mankind and a sense of patriotism towards our homeland, drawing its primary inspiration from the Islamic principles of mutuality and goodwill. TUF provides a platform where students may choose to excel in fields ranging from Medicine & Allied Health Sciences to Engineering, Business Administration to Computer Sciences, and Islamic Studies to Management Sciences. Every endeavor is made to pursue excellence in education by offering high quality educational programs. The salient features of the programs are highly qualified faculty, well-equipped laboratories, access to relevant books, journals including HEC digital library resources and state of the art computational facilities. The students are encouraged to participate in discussions and make individual and group presentations in order to develop their confidence and improve their communications skills. Alhamd-o-Lillah, TUF is now one of the highest ranked universities of Pakistan. It has also gained international recognitions by recent UI GreenMetric University Ranking and Times Higher Education (THE) Impact Ranking. Our international collaborations as recently with Universiti Teknologi PETRONAS (UTP) Malaysia, will lead to provide unique opportunities of global exposure to our students and faculty.

Our competent faculty along with state of the art laboratory facilities including IT equipment provide unique opportunity to the students to abreast themselves with the latest knowledge to shape their personalities through extracurricular activities preparing themselves to face futuristic challenges. I strongly hope that your stay at TUF will have a significant contribution in your future life and wish you a bright career.



TUF | THE UNIVERSITY OF FAISALABAD

Executive Summary

This Annual Report distils the academic activities, departmental activities and many other aspects from July 2020 to December 2021. The report comprising of 10 chapters provides an analysis and evaluation of the activities performed during the reporting period. Chapter 1 covers the academic activities of the University which includes which include the undergraduate programs, academic achievements of students, honours and awards and concise notes on curriculum updated during the period. Chapter 2 presents the overall research and development activities of the university. It includes the details of research projects, publications, workshops and seminars, webinars and conferences arranged by various faculties of TUF. Chapter 3 describes impact of quality assurance on the performance of the University and the activities of Quality Enhancement Cell (QEC) during the reporting period. Chapter 4 included information of overall students enrollment in various departments, scholarships and financial assistance awarded to the students. Chapter 5 elaborates the community building techniques employed by the University. Chapter 6 is about enhancing physical infrastructure, development activities undertaken by the University. Chapter 7 explain technological infrastructure strengthening activities of the universities including PERN, Digital Library and others. Chapter 8 explains the finances of the university which includes total budget, audit report and trends of the expenditures. Chapter 9 provides details of meetings of statutory bodies. Chapter 10 elucidates medical, recreational facilities and various amenities provided by the university.

About the University:

The heart of Pakistan Textile Industry - Faisalabad suffered educational negligence for decades. Madinah Foundation, a philanthropic organization, renowned for extending services in the social sector, in the light of the vision “Industry, Service, Education” of its founder Chairman, Haji Muhammad Saleem (Late), under took the challenge of facilitating common man in paving the path of success through educational enlightenment. On March 17, 2002, Madinah Foundation launched a visionary mega project to overcome deficit of quality education in the area. The University of Faisalabad (TUF) was established to cater to the educational and technological needs emerging in the progressive scenario of the country in general and Faisalabad and surrounding areas in particular, with a missionary spirit, commitment and fervor in line with the vision of its founders. The distinguished University aspires for an appropriate balance between the emerging disciplines of science and technology and prevalent fields of humanities and social sciences. The university is chartered under Ordinance LX of October 2, 2002 promulgated by the Government of the Punjab. The University of Faisalabad is a Category ‘W-4’ University (highest grade awarded to any university by HEC for meeting the Cabinet and HEC criteria/requirement for faculty, programs, infrastructure, resources, laboratories, training facilities and endowment fund).

Now, The University of Faisalabad is a globally recognized institute of higher education. TUF is ranked amongst top 400 Universities of the world. The University of Faisalabad is declared as 341st Most Sustainable University as per the UIGreenMetric World University Rankings-2021. TUF also Secured 9th Position amongst all Universities and 3rd in Private Universities of Pakistan.

TUF ranked 1st in all private Universities, overall 4th amongst all Pakistani Universities and counted amongst top 500 top Universities of the world in the Times Higher Education (THE) Impact Rankings- 2021. TUF has been also awarded “Corporate Social Responsibility Award 2021” and “Certificate of Excellence” for remarkable efforts and initiatives taken under CSR in the category of women welfare, empowerment and development. What sets The University of Faisalabad supreme is its unconditional commitment to quality education, sincere teaching endeavors, exclusive skill development, lucrative facilities, dynamism to improve and a competent management team with a vivid vision. We proudly empower and groom the youth of Pakistan by inculcating a sense of achievement for meeting competitive global challenges and contribute to the socio-economic development and prosperity of the country.

CHAPTER 1. ACADEMIC ACTIVITIES

Following academic programmes were offered during the session 2020-21 in The University of Faialabad and Constituent College of the University; University Medical & Dental College Faisalabad.

FACULTY OF ENGINEERING AND TECHNOLOGY Department of Electrical Engineering - Bachelor of Electrical Engineering - BSc Electrical Engineering Technology - MS Electrical Engineering - PhD Electrical Engineering Department of Civil Engineering - BS Civil Engineering - BSc Civil Engineering Technology - MS Civil Engineering - PhD Civil Engineering FACULTY OF PHARMACEUTICAL SCIENCES Department of Pharmacy - Doctor of Pharmacy FACULTY OF MEDICINE & ALLIED HEALTH SCIENCES Department of Rehabilitation Sciences - Doctor of Physical Therapy - MS Physical Therapy Department of Optometry - BS Optometry - MPhil Optometry Department of Dermatology - BS Dermal Sciences Department of Pathology - BS Medical Laboratory Sciences Department of Radiology - BS Imaging Sciences Department of Nutrition and Dietetics - BS Dietetics and Nutritional Sciences - MPhil Dietetics and Nutritional Sciences - PhD Dietetics and Nutritional Sciences Department of Anesthesia - BS Anesthesia Sciences Department of Dentistry - BS Dental Sciences School of Nursing - BS Nursing - BS Nursing (Post RN BSN) FACULTY OF SCIENCES Department of Mathematics - MPhil Mathematics - PhD Mathematics Department of Biochemistry - MPhil Biochemistry - PhD Biochemistry	FACULTY OF INFORMATION TECHNOLOGY Department of Computational Sciences - BS Computer Sciences - BS Software Engineering - BS Information Technology - BS Artificial Intelligence - MS Computer Science - PhD Computer Science FACULTY OF MANAGEMENT STUDIES Department of Management Studies - BBA - BS Accounting and Finance - BS Aviation Management - MBA - MBA Executive - MS Management Sciences - PhD Management Sciences FACULTY OF ARTS, DESIGN AND ARCHITECTURE Department of Design and Interiors - Bachelor of Interior Design FACULTY OF LANGUAGES AND LITERATURE Department of English Language and Literature - BS English - MPhil English Literature - PhD English Literature FACULTY OF LAW Department of Law - Bachelor of Law (LLB) FACULTY OF ARTS AND SOCIAL SCIENCES Department of Arabic and Islamic Studies - MPhil Islamic Studies - PhD Islamic Studies University Medical & Dental College (Affiliated with University of Health Sciences, Lahore) - Bachelor of Dental Surgery (BDS) - Bachelor of Medicine and Bachelor of Surgery (MBBS)
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1.2. Academic Progress

1.2.1. Curriculum Update

The Curriculum of following degree programs were updated through BOS and BOF.

- BS Optometry
- BS Medical Imaging Sciences
- BS Anesthesia Sciences
- BS Dental Technology
- MS Electrical Engineering
- MS Computer Science
- MPhil Optometry
- MBA
- MBA Executive
- MS Management Studies
- PhD Management
- MPhil Islamic Studies
- PhD Islamic Studies

1.2.2. NOCs received from HEC for MS/MPhil/PhD Programs

NOCs were received for the following degree programs from HEC

MS/MPhil

Serial	Program Title	With effect from	Date of Issue
1.	MS Physics	Spring-2021	26.07.2021, 01.06.2021
2.	MS Civil Engineering	Fall-2021	30.07.2021
3.	MS Chemical Engineering (Process Engineering)	Spring-2020	02.11.2020
4.	MS Computer Science	Fall-2019	17.06.2019
5.	MS Computing and Data Sciences	Fall-2021	11.08.2021
6.	MS Risk and Safety Management	Fall-2021	11.08.2021
7.	MPhil Education	Spring-2021	26.07.2021, 01.06.2021
8.	MPhil Mathematics	Fall-2021	01.06.2021
9.	MPhil Dietetics & Nutritional Sciences	Spring-2021	30.07.2021
10.	MPhil Physiology	Fall-2021	30.07.2021
11.	MPhil Biotechnology	Fall-2021	05.10.2020
12.	MPhil English Literature	Fall-2021	17-08-2021
13.	MPhil Morbid Anatomy and Histopathology	Fall-2021	24-08-2021

PhD Programs

Serial	Program Title	With effect from	Date of Issue
1.	PhD in Pharmacology	Fall-2021	05.07.2021
2.	PhD Pharmaceutics	Fall-2021	21.06.2021
3.	PhD in Civil Engineering	Fall-2021	05.09.2021, 05.07.2021
4.	PhD in English Literature	Fall-2021	21.06.2021
5.	PhD in Biotechnology	Fall-2021	21.06.2021
6.	PhD in Pharmaceutics	Fall-2021	21.06.2021
7.	PhD in Mathematics	Fall-2021	21.06.2021, 04.08.2021
8.	PhD in Computer Science	Spring-2021	08.04.2021
9.	PhD Electrical Engineering	Fal-2019	04.07.2019

10.	PhD in Dietetics and Nutritional Sciences	Spring-2021	01.02.2021
11.	PhD Biochemistry	Fal-2019	
12.	PhD Islamic Studies		17-11-2021

1.2.3. Amendment and Framing of the Regulations of The University of Faisalabad

- Discipline and Conduct Regulations
- Correction of spelling/addition/deletion/change in student of father name and alteration in date of birth
- SOP for verification of Certificate/Degree of fresh entrants
- SOPs of receipt of request/application from students and its disposal

1.2.4. Revision in format of Registration No. allotted to students

Following revised registration number format was approved by the Academic Council

The registration number from Intake Fall 2021 will be allocated as per level of qualification and new registration number will be assigned to students for each degree program

- a. Levels of Qualification and their abbreviations to be used in registration number are proposed as under:-

Level of Qualification	Abbreviation to be used in Registration no
Undergraduate Degree Programs(4 years)	BS
Undergraduate Degree Programs (with Doctor nomenclature and 5 years duration)	D
MS Degree Programs	MS
MPhil Degree Programs	MPhil
PhD Degree Programs	PhD

- b. Format and description of registration number according to above defined level of qualification will be under:-

Registration no	2021-BS-CE-001
Description	[Year of Admission]-[BS (means level of qualification)-CE(short title of program of Civil Engineering)]-[serial number of particular program]

1.2.5. Revision in format of Course Code

1. Following course code format was approved as under:
 - a. Courses will be divided into four categories
 - i. Departmental Courses
 - ii. Compulsory Courses

- iii. Common Courses
- iv. General Courses
- b. Each course will be given a unique identifier number, begins with 'letters' which represents the department from where academic content belongs. These 'letters' will be called 'Departmental Code'
- c. The departmental code will be followed by three digits to signify the course level based on academic content.
- d. Undergraduate course will be numbered from 100 to 699 and postgraduate course will be numbered from 700 onwards.

1.3 Adoption of HEC Policies:

Following HEC policies have been adopted through Academic Council:

1. Policy for 'Students with Disabilities at Higher Education Institutions' in line with HEC policy 2021
2. Policy for 'Drug and Tobacco Abuse' in line with HEC policy 2021
3. Revised Policy for 'Protection against Sexual Harassment' in line with HEC policy 2021
4. Policy for 'Business Incubation Centers' in line with HEC policy 2021

1.4. Academic Linkages

TUF interacts with various National and International Universities/Organizations for joint academic and research programs, seminars, workshops and conferences. Besides this TUF is a signatory of number of Memorandum of Understandings (MoUs) and Academic Cooperation Agreements (ACA) with well reputed national and international organizations. Activities carried out during July 2020 to December 2021 are as under.

1.4.1. MoUs signed with Foreign/Local Institutions

SN	Name of host Department	Collaborating Agency/Institution	Scope of Collaboration	Date of Link Established
1	The University of Faisalabad, Faisalabad, Pakistan	Istanbul Medeniyet University, Istanbul, Turkey	Promotion & development of research programs, academic and cultural exchange program	10-Apr-21
2	The University of Faisalabad, Faisalabad, Pakistan	Universiti Teknologi PETRONAS (UTP), Malaysia	Joint collaborative academic programs, seminars, symposiums, conferences, public lectures	29-Jun-2021
3	The University of Faisalabad, Faisalabad, Pakistan	Institute of Cost and Management Accountants of Pakistan (ICMA)	Exploration of Research projects and to Promote academic activities	21-Dec-2021
4	The University of Faisalabad, Faisalabad, Pakistan	Budi Luhur Institute of Health Sciences, Indonesia	To establish collaboration to promote mutual cooperation and training on education and to promote mutual cooperation for the advancement of knowledge and intellectual development	10-Aug-2021

5	The University of Faisalabad, Faisalabad, Pakistan	International Cultural Communication Center Malaysia	To develop academic and educational cooperation on the basis of equality and reciprocity and to promote relations and mutual understanding between both institutions	18-Sep-2021
6	The University of Faisalabad, Faisalabad, Pakistan	Signature by Eram	▪ Joint collaborative skin care consultation campaigns ▪ Awareness programs and seminars ▪ Students internships ▪ Trainings and consultancy programs ▪ Research attachment of skin care products, cosmetologists' services and esthetic centre consultancy for various projects ▪ Placement of TUF graduates as clinical cosmetologists and physician associates with dermatologists and other activities of mutual benefit for the two parties.	29-Nov-2021

1.4.2. Agreements

Agreements Signed for Collaboration with Industry, Government or Community (at National / International Level)			
Name and Address with Country of Host Institution	Duration	Key Initiatives to be Undertaken	Linkage Establishment Date
Munawar Textiles, Faisalabad, Pakistan	Indefinite	• Internship programs • Placement of fresh graduates as management trainee officers • Exchange of advice, and assistance relating to areas of mutual interest • Technology transfer and commercialization, and industrial development • Visits of students to the industry	19-May-21
CorTeach Ltd.	Three Years	• Faculty development and development of courses • Joint E-learning courses • Accreditation of CPD hours	28-Sep-2021
Sadaqat Limited	Indefinite	• Student Internships • Research Contracts	17-Sep-2021

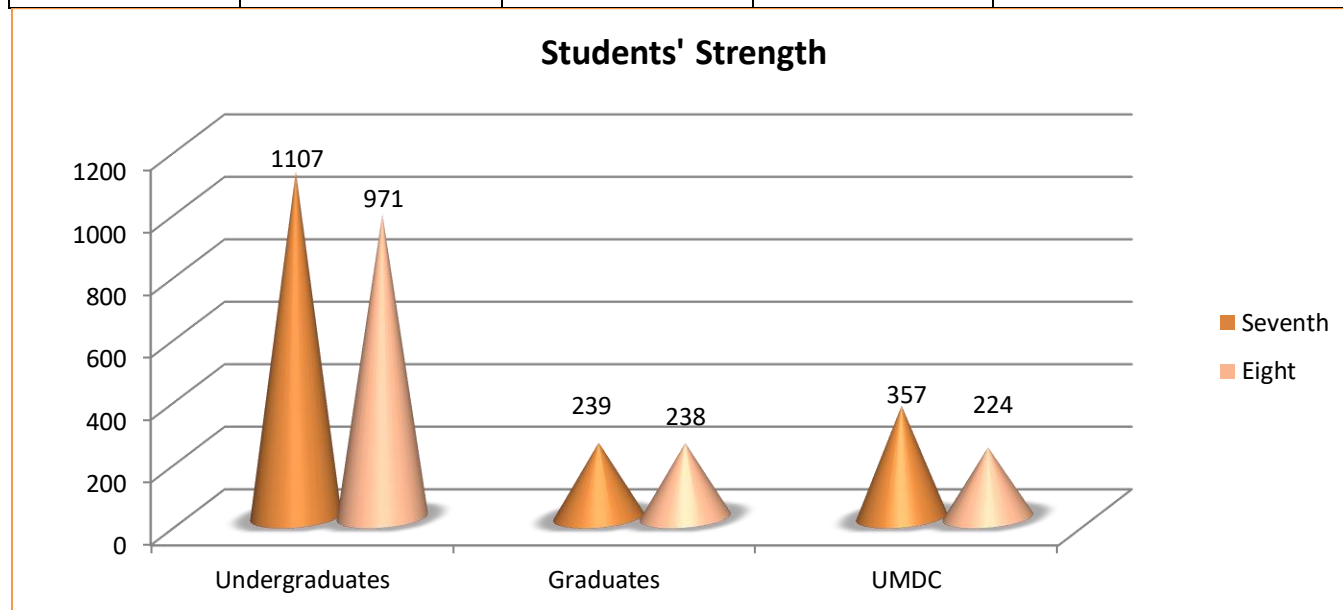
1.5 Academic Achievements

1.5.1 Convocations:

A convocation ceremony is an exceptional day in academic life of students as after years of hard work and devotion; they get their hard earned education degrees. Wearing the traditional academic regalia is a defining moment in every student's life giving his self-esteem a boost. 7th and 8th Convocations of TUF and 6th and 7th Convocations of University Medical & Dental College; a constituent college of TUF were held on December 15-18, 2020 and October 16, 2021 respectively.

Detail is given below:

The University of Faisalabad & University Medical and Dental College				
Convocation No.	Students Strength			Date
	Undergraduates	Graduates	UMDC	
Seventh	1107	239	357	December 14-16, 2020
Eight	971	238	224	October 16, 2021



1.5.2 Research Thesis Submitted as per the requirement of Degree

S.No	Program	No. of Thesis submitted
1	PhD	5
2	MS/MPhil	193

1.5.3 Honours and Awards

TUF Students were awarded Medals in various categories in the convocation held in 2020-2021

Convocations	Gold (Saleem) Medalists	Silver (Mukhtar) Medalists	Bronze (Amin) Medalists
Seventh Convocations December 14-16, 2020	44	61	39
Eighth Convocation October 16, 2021	28	38	27

1.5.4 Scholarships and Academic Excellence during 2020 and 2021

Appended below is the summary of students who are awarded merit scholarships during 2020 and 2021

Summary of Scholarship

Description	2020	2021
Total Students	5183	5069
Eligible Students	361	131

CHAPTER 2. RESEARCH AND DEVELOPMENT

2.1. Research and Development – An Overview

TUF aims for economic growth in the region by connecting industry, government, and community leaders. TUF facilitates the creation of new knowledge and the development of innovative solutions by supporting research that enhances the mission of TUF and spurs economic growth. TUF has made extensive contribution towards research and development through various research activities as well as publications that provide in-depth analysis of the strategic issues confronting Pakistan in particular and the region in general.

2.1.1 Research Projects and Publications

TUF Faculty Staff and students had made following contribution for the enhancement of research culture during 2020 and 2021.

2.1.1.1 Research Projects

2.1.1.1.1 Research Proposals Approved for Funding

S. No	Funding Name/Agency Name	Principal Investigator	Title of Research Proposal	Approved Funding
1	The Johns Hopkins-Afghanistan-Pakistan International Collaborative Trauma and Injury Research Training (JHU-AfPak-ICTIRT) Program	Dr. Saba Tariq Designation: Professor Department: Pharmacology and Therapeutics	Effect of Ibandronate Treatment on serum Apelin, Visfatin, Irisin and Asprosin in Postmenopausal Females with and without fracture	2,000,000.00 PKR
2	Asian Productivity Organization (APO)	Dr. Arshia Hashmi Designation: Associate Professor Department: Management Studies	Labour Market Policies for Changing Market Demands	4,000.00 \$
3	MERCS (Medical Education in Resource Constrained Settings) Association of Medical Education in Europe	Dr. Komal Atta Designation: Assistant Professor Department: School of Optometry	Beauty Is in the eyes of the Adapter: using Adaptive expertise to design clinical	1,100.00 pounds
4	Talloeires Network	Dr. Komal Atta Designation: Assistant Professor Department: School of Optometry	Global Institutions, Local Impact- Power and Responsibility of Engaged Universities	66,00.00 \$

2.1.1.1.2 Research Proposals Submitted for Funding to HEC

S.No	Name of Research Grant (NRPU, GCF, TTTF, ICRG, LCF etc.)	Name of PI with Designation and Department	Title of Research Proposal	Status
National Research Program for Universities (NRPU)				
1	NRPU	Dr. Muhammad Akram Malik Designation: Professor Department: Medicine and Allied Health Sciences	Non-invasive Genetic Biomarkers in Clinical Management of Early Prostate Cancer	Endorsed
2	NRPU	Dr. Aliya Fahmi Designation: Assistant professor Department: Management Studies	English language teaching value assessment based on Fermatean intuitionistic fuzzy data in school: A case study of Faisalabad and Mansehra School (Urban Areas)	Endorsed
3	NRPU	Dr. Arshia Hashmi Designation: Assistant Professor Department: Management Studies	Fuzzy sets and its generalization with applications in water, agriculture and decision making	Endorsed
4	NRPU	Dr. Asim Khan Designation: Head of Department Department: Electrical Engineering	Bio-inspired Unmanned Aerial Vehicle Design (UAV) for deep learning-based monitoring, assessment and inspection of civil infrastructures	Endorsed
5	NRPU	Dr. Fakhara Khanum Designation: Assistant Professor Department: Nutrition and Dietetics	Studies on Antioxidant, Antibacterial and anti- Leucorrhea Nutraceutical Potential of Oak Galls (<i>Quercus infectoria</i>) and Bastard Teak (<i>Butea frondosa</i>)	Endorsed
6	NPRU	Dr. Khawaja Adeel Tariq Designation: HOD Civil Engineering Department: Civil Engineering	Development of economical eco-friendly tuff tiles and bricks using by-products from industries in Pakistan	Endorsed
7	NRPU	Dr. Komal Atta Designation: Assistant Professor Department: Optometry	Establishing Entrust able Professional Activities for Doctors serving in Basic Health Units.	Endorsed
8	NRPU	Dr. Malkah Noor Kiani Designation: Assistant Professor Department: Management Studies	War Against Unemployment: Entrepreneurial Interventions to Enhance The "Entrepreneurial Intentions" Among Vocational Students Paving the Way For Formulation	Endorsed

9	NPRU	Dr. Saba Tariq Designation: Assistant Professor Department: Pharmacology & Therapeutics	Novel myokines and adipokines as biomarkers of osteoporosis in postmenopausal females	Endorsed
10	NPRU	Dr. Sidra Meer Designation: Assistant Professor Department: Department of Pharmacy	Smart Microparticles Based Tablet to Enhance Oral Bioavailability of Glycyrrhizin & Gingerol: Two Edge Sword of Immunization	Endorsed
11	NPRU	Dr. Sohail Jabbar Designation: Associate Professor \ Dean, Faculty of Information Technology Department: Computational Sciences	Blockchain-Enabled IoT Powered Supplychain Traceability System for Counterfeit Drugs	Endorsed
12	NPRU	Dr. Umer Iqbal Designation: Assistant Professor Department: Management Studies	Quantifying Environmental Innovation in Pakistan: A Big Data Approach	Endorsed
13	NPRU	Dr. Uswa Ahmad Designation: Assistant Professor Department: Nutrition and Dietetics	Exploring the anti-diabetic effect of Nigella Sativa (Kalongi) seeds powder on type II diabetic male and female patients	Endorsed
14	NPRU	Dr. Muhammad Zeeshan Khan Designation: Assistant Professor Department: Electrical Engineering	Research on high value recovery technology and mechanism of scrapped lithium iron phosphate materials batteries used in hybrid electric vehicles	Endorsed
Local Challenge Fund (LCF)				
15	LCF	Dr. Asim Khan Designation: Assistant Professor Department: Electrical Engineering	High value recovery technology and mechanism for scrapped lithium-ion batteries	Endorsed
16	LCF	Dr. Sohail Jabbar Designation: Associate Professor Department: Computational Sciences	Hybrid and smart energy generation and storage system through renewable and sustainable energy resources	Endorsed

2.1.1.1.3 Proposals Submitted for Funding to Non-HEC Sources

S. No	Funding Agency	PI Name and Department	Title	Date	Funding Requested
1	National Center of GIS and Space Applications (NCGSA)	Muhammad Nouman Sattar Designation: Associate Professor Department: Civil Engineering	Integrated Drought Monitoring FrameWork for Pakistan	September 2021 to August 2023	8,000,000.00
2	PSF	Asim Khan Designation: Associate Professor Department: Electrical Engineering	Research on high value recovery technology and mechanism of scrapped lithium iron phosphate materials batteries used in hybrid vehicles	01-Jan-2021 to 31-Dec-2023	22,000,000.00
3	PSF	Muhammad Zeeshan Khan Designation: Assistant Professor Department: Electrical Engineering	Study on 3D Printing Light-Curing vegetable oil-based epoxy resin composites	01-Jan-2021 to 31-Dec-2024	22,000,000.00
4	Ignite	Dr. Muhammad Zeeshan Khan Designation: Assistant Professor Department: Electrical Engineering	Investigation on Dynamic Performance of Solar Powered Electric Vehicle	08-Aug-2021 to 30-Jul-2022	79,999.00
5	Ignite	Zubair Tahir Designation: Lecturer Department: Computer Science	Vehicle Collision Alert System	28-Dec-2020 to 15-Jul-2021	62,500.00
6	Ignite	Usman Assad Designation: Lecturer Department: Electrical Engineering	Pi-Health: Digital Skin Disease Detection based on ML	30-Sep-2020 to 20-Aug-2021	79,500.00
7	Ignite	Sania Nayab Designation: Lecturer Department: Software Engineering	Face Mask detection System	15-Nov-2020 to 15-Nov-2021	27,000.00
8	Ignite	Abdul Wadood Designation: Lecturer Department: Computer Science	AI Based Medicine Recommendation System	28-Jan-2021 to 31-Jun-2021	62,000.00
9	Ignite	Asim Khan Designation: Head of Department Department: Electrical Engineering	Intelligent Ventilator INVENT	04-May-2020 to 28-May-2021	80,000.00
10	Ignite	Momina Tayabba Designation: Lecturer Department: Computer Science	Automated Solar Powered Grass Cutter and Disinfectant	15-Sep-2020 to 31-May-2021	21,175.00

11	Ignite	Dr. Muhammad Zeeshan Khan Designation: Assistant Professor Department: Electrical Engineering	IOT Based Air Condition automation using Andriod application	15-Sep-2020 to 11-Aug-2021	69,950.00
12	Ignite	Asghar Majeed Designation: Lecturer Department: Electrical Engineering	Autonomous Wall Painting Robot	01-Dec-2020 to 01-Mar-2021	57,320.00
13	Ignite	Najaf Ali Designation: Lecturer Department: Computer Science	Lost and Found Portal	01-Feb-2021 to 30-Dec-2021	20,000.00
14	Ignite	Sana Hafeez Designation: Lecturer Department: Computer Science	Blockchain Based Fake Product Recognition	21-Dec-2020 to 20-May-2021	80,000.00
15	Ignite	Abdul Wadood Designation: Lecturer Department: Computer Science	playing with Experiment	02-May-2021 to 02-May-2022	10,000.00
16	Ignite	Muhammad Umar Farooq Designation: Lecturer Department: Electrical Power Engineering	Smart Stand-up wheelchair using Raspberry Pi and RF Controller	15-Dec-2020 to 03-Jul-2021	74,000.00
17	Ignite	Asfandiyar Imtiaz Designation: Lecturer Department: Electrical Power Engineering	Radio Communication in Remotely Areas	13-Aug-2020 to 10-Jun-2021	68,390.00
18	Ignite	Dr. Asim Khan Designation: Associate Professor Department: Electrical Engineering	EMG Based Prosthetic Hand for Amputees	05-Dec-2020 to 05-Jul-2021	79,058.00
19	Ignite	Sobia Riaz Designation: Lecturer Department: Computer Science	Home Automation	01-Nov-2020 to 28-May-2021	32,000.00
20	Ignite	Najaf Ali Designation: Lecturer Department: Computer Science	home automation using IOT	09-Nov-2020 to 30-Mar-2021	10,000.00
21	Ignite	Momina Tayyaba Designation: Lecturer Department: Computer Science	Home Automation (Live Smart)	15-Sep-2020 to 31-May-2021	11,143.00
22	Ignite	Najaf Ali Designation: Lecturer Department: Computer Science	clean and safe city	15-Oct-2020 to 15-Oct-2021	30,000.00
23	Ignite	Muhammad Rehman Shahid Designation: Lecturer Department: Computer Science	Forensic Facial Identification using GANs	16-Oct-2020 to 30-Apr-2021	70,000.00
24	Ignite	Najaf Al Designation: Lecturer Department: Computer Science	Raspberry Pi Powered IOT Garden	15-Dec-2020 to 15-Mar-2021	47,700.00
25	Ignite	Zubair Tahir Designation: Lecturer	An advanced Iot based security	14-Nov-2020 to	66,999.00

		Department: Computer Science	system for ATM card owners and bank's	19-May-2021	
26	Spencer Foundation	Amna Fayyaz Designation: Lecturer Department: English Language and Literature	An Evaluation of Criticality in Exercises AndActivities Of English Textbooks at Secondary Level (This Project Is Based On Mphil Thesis)	August 2021 to August 2022	\$700.00
27	Hope Foundation Project Grant 2021	Dr. Saira Saleem Designation: Professor Department: Surgery	Preventive strategies in high risk diabetic foot patients can improve adverse outcome	01-Jan-2022 To 01-Jun-2025	2273126.10

2.1.1.2 Research Publications:

Department of Anesthesia			
S. No	Author	Title	Research Journal/Conference
1	Nadia Bano	Comparative study of midline verses Para midline approach of spinal block in elderly.	The Professional Medical
2	Nadia Bano	Comparison of Intra incisional and intraperitoneal infiltration of local anesthetic in laparoscopic cholecystectomy to control early post-operative pain	The Professional Medical
3	Nadia Bano	Catalepsy with Ketamine. A rare case report	Journal of Gastroenterology and Hepatology research
Department of Psychiatry			
S. No	Author	Title	Research Journal/Conference
1	Naveed Shibli, Tariq Rashid	Covid-19 Psychological tips for all	Journal of University Medical & Dental College
2	Naveed Shibli, Tariq Rashid	Your mobile phone and your health	Journal of University Medical & Dental College (Under Publishing Process)
3	Tariq Rashid, Fatima Kazmi, Sana Mustafa	Why somatization is more common in female as compare to male	Journal of University Medical & Dental College (Under Publishing Process)
Department of Surgery			
S. No	Author	Title	Research Journal/Conference
1	Aysha Rehman, Farhan Javed Saira	Comparison of Open v/s Ligasure hemorrhoidectomy	ANNALS OF KING EDWARD MEDICAL UNIVERSITY

	Saleem, Tanvir Ahmad.		
2	Farhan Javed, Saira Saleem, Aysha Rehman, Faiza Wattoo, Nadia Bano	Benefits of early post ERCP laparoscopic cholecystectomy: A single center experience	Journal of University Medical & Dental College
3	Nadia Bano. Nazim Hayat, Saira Saleem, Aysha Rehman, Farhan Javed	Comparative study of midline v/s paramedian approach of spinal block in elderly	THE PROFESSIONAL MEDICAL JOURNAL
4	Saira Saleem, Sundus Tariq, Saba Tariq, Sofia Irfan, Farhan Javed	Risk factors leading to delayed presentation of large and multiple benign breast lumps	PLOS ONE
5	Farhan Javed	Retention of Urine after inguinal hernia elective repair	Ongoing research in collaboration with Agha Khan University, Karachi
6	Saira Saleem, Aysha Rehman, Farhan Javed, Irshad Ahmad	Management of phyllodes tumour of breast: 5-year experience at Madina Teaching Hospital, Faisalabad	The Professional Medical Journal
7	Farhan Javed, Saira Saleem, Aysha Rehman	Benefits of early post ERCP laparoscopic cholecystectomy: A single Centre prospective study	Journal of University Medical & Dental College (JUMDC)

Department of Anatomy

S. No	Author	Title	Research Journal/Conference
1	Liaqat Ali	Anti-Microbial Potential of Two traditional Medicine Plants	Annals of Punjab Medical College (APMC)
2	Amber Salman	Pharmaceutical Effects on Placental Morphology in Women with Gestational Diabetes Mellitus	Journal of Pharmaceutical Research International
3	Amber Salman Anas Sarwar Qureshi Momna Riaz Uzma Ali	Students' perception regarding the advantages of learning anatomy through dissection	In progress
4	Amber Salman Momna Riaz Uzma Ali	The toxic effects of dried leaves extract of spearmint on gross and histological parameters of ovaries of adult female Wistar albino rats.	In progress
5	Amber Salman Komal Shezadi Aroosashabbir	Role of social media on Anatomy learning during Covid pandemic	In progress
6	Roop Javaid Hira Gayoor Fatima Zehra Amber Salman	Knowledge, attitude and practice of self-medication among medical students of Faisalabad during exam time	In progress
7	Amber Salman	The effects of cartilaginous endplate changes on its junction with its bony	In progress

		endplate and disc, a macroscopic, microscopic radiological and ultra-microstructural study	
8	Amber Salman Anas Sarwar Qureshi Momna Riaz	Effects of COVID-19 Pandemic on anatomy education of medical and dental students of Pakistan: a reality check	In Progress
Department of Physiology			
S. No	Author	Title	Research Journal/Conference
1	Sundus Tariq	Emotional Intelligence and academic performance of students	Journal of Pakistan Medical Association (JPMA)
2	Sana Akram	Effect of preferred learning styles on academic achievements: A cross sectional descriptive study	Professional Medical Journal
3	Sadaf Zia	Relationship of surfactant protein-D with random blood glucose and extra pulmonary infections in type-2 diabetes mellitus,	Journal of Pakistan Medical Association (JPMA)
4	Sana Akram	Oxidative stress markers in fiber glass workers occupationally exposed to lead	Rawal Medical Journal
(Editorials)			
1	Sundus Tariq	Impact of COVID-19 pandemic on Medical Education, an experience at University Medical and Dental College.	J Univ Med Dent Coll, 2021 12 (3). doi: https://doi.org/10.37723/jumdc.v12i3.648 May 2021
2	Sundus Tariq	The perils of vaccine hesitancy based on conspiracy theories and misinformation: implications and way forward for Pakistan	Coll, 2021 12 (2), vii-xiv. doi: https://doi.org/10.37723/jumdc.v12i2.624 . May 2021
Department of Pharmacology & Therapeutics			
S.No	Author	Title	Research Journal/Conference
1	Dr Saba Tariq	Rasagiline Pharmacokinetics in CYP1A2 Variant Healthy Smokers & Non-smokers in Different Doses	Pakistan Journal of Medical Sciences
2	Dr Saba Tariq	Social media use, psychological distress and knowledge, attitude, and practices regarding COVID-19 among a sample of Pakistani population: the role of gender	Frontiers in Medicine
3	Dr Saba Tariq	Therapeutic outcome of dapagliflozin on various parameters in non-alcoholic fatty liver disease (NAFLD) patients.	International Journal of Diabetes in Developing Countries
4	Dr Saba Tariq, Dr Sundus Tariq	Emotional Intelligence and academic performance of students	Journal of Pakistan Medical Association (JPMA)

5	Dr Saba Tariq, Dr Sundus Tariq	Relationship of BMI with Junk Food, sleep pattern, exam performance and awareness about its ill health effects in healthy teenagers.	Journal of the Pakistan Medical Association
6	Dr Saba Tariq, Dr Sundus Tariq	Adequacy of preventive measures, awareness, and attitude regarding the COVID-19 pandemic among university pharmacy students.	Pharmacy Education
7	Dr Saba Tariq, Dr Sundus Tariq	Association between Vitamin D and Resistin in postmenopausal females with altered bone health.	Frontiers in Endocrinology
8	Dr Saba Tariq, Dr Sundus Tariq	Give way to the ambulance; What we all need to do to facilitate ambulance in traffic?	Journal of University Medical & Dental College
9	Dr Saba Tariq, Dr Sundus Tariq	Impact of COVID-19 pandemic on Medical Education, an experience at University Medical and Dental College.	Journal of University Medical & Dental College
10	Dr Saba Tariq, Dr Sundus Tariq	The perils of vaccine hesitancy based on conspiracy theories and misinformation: implications and way forward for Pakistan.	Journal of University Medical & Dental College
Department of Pathology			
S. No	Author	Title	Research Journal/Conference
1	Dr Sadia Hameed, Dr Shazia Aslam, Dr Sadia Ijaz, Dr Sidra Aslam, Dr M. Mudassar	Frequency of Fungal diseases in nasal & paranasal sinuses	Annals of Punjab Medical College (APMC)
2	Dr Shazia Aslam, Sadia Ijaz, Dr Farhan Javed, Dr Faiza Wattoo, Dr TabindaRoheen, Dr Khadija Saleem	Emerging Hazard for women of new Era: Ovarian Malignancy.	The Professional medical journal
3	Dr Faiza Wattoo, Dr TabindaRoheen, Dr Khadija Saleem	Mean Platelet Volume, Immature Platelet Fraction and Beta Thromboglobulin in Acute Coronary Syndrome Patients	Esculapio, journal of Services Institute of Medical Sciences (SIMS)
4	Dr Faiza Wattoo, Dr TabindaRoheen, Dr Khadija Saleem	Benefits of early post-ERCP laparoscopic cholecystectomy: a single centre prospective study	Journal of University Medical & Dental College
5	Dr Tariq, Dr Shirin Hamid, Dr Shazia Aslam	Spectrum of renal biopsies	The professional medical journal (Submitted)
6	Dr Shazia Aslam, Dr Sadia Hameed, Dr Arif Hussain	Histopathologic spectrum of gastrointestinal biopsies: An experience in FSD	Annals of Punjab Medical College (APMC) (Submitted)
7	Dr Faiza Wattoo, Dr TabindaRoheen, Dr Khadija Saleem	Diagnostic accuracy of fine needle aspiration cytology in diagnosis of breast lesions	Annals of Punjab Medical College (APMC)(Submitted)

8	Dr Sidra Aslam, M. Imran Arshad, Sultan Ali, ShafiaTehseen Gul	Higher soluble IL-33 level associated with pleural tuberculosis in human	Journal of infection and public health (Submitted)
Department of Optometry			
S. No	Author	Title	Research Journal/Conference
1	Komal Atta	Relationship of surfactant protein-D with random blood glucose and extra pulmonary infections in type-2 diabetes mellitus	Annals of Punjab Medical College (APMC)
2	Komal Atta	Challenges Faced in Teaching and Learning during Clinical Years of Dentistry amidst the Covid-19 Pandemic	<i>Pakistan Journal of Medical and Health Sciences</i>
3	Komal Atta	Perception of Health Sciences Students about Impact of Hidden Curriculum on Burnout and Empathy	<i>Journal of Aziz Fatimah Medical & Dental College</i>
4	Komal Atta	A guide to best practices in faculty development for health professional schools	BMC Medical Education
Department of Islamic Studies			
S. No	Author	Title	Research Journal/Conference
1	Matloob Ahmad	اختلاف قراءت کے تفسیری اثرات حاشیہ الجمل کے منتخب مباحث کا مطالعہ	Al-Qamar
2	Matloob Ahmad	The Role of Social Media in Growth of the Muslim Society (An Analytical Study)	International Research Journal of Management and Social Sciences
3	Matloob Ahmad	Education is the Medium of Stable Society (In Islamic Perspective)	International Research Journal of Education and Innovation
4	Matloob Ahmad	Brief Overview of Kutub-e-Sittah and Arba	Al Khadim Research Journal of Islamic Culture and Civilization
5	Matloob Ahmad	Walid Ibn Mughira in the Prophetic age of Mecca: Personality and Character (Analytical and Research Study)	Al Khadim Research Journal of Islamic Culture and Civilization
6	Matloob Ahmad	<u>The Educational and Religious Contributions of Hazrat Molana Sardar Ahmad Chishti Qadri</u>	Al-Aijaz Research Journal
7	Matloob Ahmad	طریقہ نقشبندیہ مجددیہ کا تحقیقی و تجزیاتی مطالعہ	Al-Aijaz Research Journal
8	Matloob Ahmad	نظریہ وحدت الشہود کا تاریخی جائزہ اور اس کے اسباب و اثرات	Al-Khadim Research Journal
9	Matloob Ahmad	مشائخ مجددیہ کے کردار و افکار کا تجزیاتی مطالعہ	Al-Khadim Research Journal
10	Matloob Ahmad	اقبال کا نظریہ قومیت قرآن مجید کے تناظر میں	Al-Khadim Research Journal
11	Matloob Ahmad	Letter of the prophet's Invitational style and use in the contemporary (In context of Malak Hamir)	Al-Aijaz Research Journal
12	Matloob Ahmad	The role of Banu Makhzoom in the system of Government of the Prophet (PBUH) Research and Analytical Study	Al-Khadim Research Journal
13	Matloob Ahmad	Elimination of Child Labor and Government	Al-Khadim Research Journal

		Responsibilities for the Education and Training of Children	
14	Matloob Ahmad	Exegative Effects of QiraatAsrahMutwatarah in light of Al-Jumal and Al-Sawi Footnotes (Comparative Reivew)	Abhath Journal
15	Matloob Ahmad	Akaber Chishti Nizami Sofia ka Tariqe e Mojahida	Al- Qamar
16	Matloob Ahmad	Review of the main motives of Amr bin Hisham'Ss anti-Islamic movement	Al-Khadim Research Journal
17	Matloob Ahmad	The role of Jamia Rizvia Faisalabad in contribution of Islamic Teachings	Al-Khadim Research Journal of Islamic culture and Civilization
18	Muhammad Ramzan	عهد نبوی صلی اللہ علیہ وآلہ وسلم کی تنظیمی ریاست اور مشاورت (عصر جدید کے تناظر میں خصوصی مطالعہ)	JIRS
19	Muhammad Ramzan	تفسیر روح البیان کا منہج و اسلوب اور فنی حیثیت کا جائزہ	Al-Ajaz
20	Muhammad Ramzan	مکتوبات نبویہ ﷺ کے منہج و اسلوب کا جائزہ	Al-khadim اسلامی تہذیب و ثقافت
21	Muhammad Ramzan	احادیث سبعہ قراءت کی توضیح و تشریح سبب ورود کی روشنی میں	راحت القلوب
22	Muhammad Ramzan	ملفوظات سید اشرف جہانگیر سمنانی میں غزوات نبویہ ﷺ کا جائزہ	Jahan Tahqeeq
23	Muhammad Ramzan	مصطلحات حدیث کی تعبیر جدید	ضیائے تحقیق
24	Dr Ammara Rehman, Dr Muhammad Najam Ramzan Barvi	The appraisal of Gazwat – e- Nabi SAW in the sermons of Syed Ashraf Jahangir Samnani	Jahan E Tahqeeq
25	Dr Ammara Rehman, Hafiz Sajid Yaqoob	Characteristics of Mustafa (S.A.W.W) in Archaeology Literature of Sufis	Al Khadim
26	Matloob Ahmad, Ammara Rehman, Aijaz Ali	Education is the Medium of Stable Society (In Islamic Perspective)	International Research Journal of Education and Innovation

Department of Electrical Engineering & Technology

S. No	Author	Title	Research Journal/Conference
01	Asif Kabir, Syed Mushhad Gilani, Gohar Rehman Chughtai, S. Sabahat H. Bukhari, József Popp, Muhammad Arshad Shehzad Hassan, JuditOláh	Energy-aware caching and collaboration for green communication systems	Acta MontanisticaSlovaca
02	Muhammad Ammar Saeed, Muhammad Zeeshan Khan,	Impact of Propagation Path Loss by Varying BTS Height and Frequency for Combining Multiple Path Loss Approaches in Macro-Femto Environment	Arabian Journal for Science and Engineering

	Asim Khan, Muhammad Umer Saeed, Muhammad Arshad Shehzad Hassan, Talal Javed		
03	Muhammad Zeeshan Khan, Umar Farooq, Mohammad Asfandiyar Imtiaz, Usama Khan, Asim Khan, AurangZaib, Muhammad Arshad Shehzad Hassan	Effect of microcapsules doping on dielectric performance of self-healing epoxy resin composites	Bulletin of Materials Science
04	Muhammad Zeeshan khan, Muhammad Hamza Younes, AurangZaib, Umar Farooq, Asim Khan Muhammad Danyal Zahid, Umair Hussan	Investigation of space charge behavior in self-healing epoxy resin composites	Journal of Materials Science: Materials in Electronics
05	Zijia Shen, Feipeng Wang, Muhammad Zeeshan Khan, Zhengyong Huang, Li He, Yushuang He, Jian Li	A Comparative Study of Gas-phase Fluorination and Nano- Al_2O_3 Doping on Space Charge Behavior and Trap Level in Epoxy Resin	IEEE Transactions on Dielectrics and Electrical Insulation
06	Muhammad Zeeshan Khan, AurangZaib, Asim Khan, Muhammad Arshad Shehzad Hassan, Umar Farooq, ZahirJavedParacha	Effect of microcapsules doping on DC flashover and trap level of self-healing epoxy resin composites	Journal of Materials Science: Materials in Electronics
07	Muhammad Zeeshan Khan, Shah Zaman, Muhammad Arshad Shehzad Hassan, Asim Khan	Structural morphological and electrical analysis of Pr- And La-doped magnesium ferrites	Emergent Materials
08	Ammar Armghan, Muhammad Kashif Azeem, Hammad Armghan, Ming Yang, FayadhAlenezi,	Dynamical Operation Based Robust Nonlinear Control of DC Microgrid Considering Renewable Energy Integration	Energies

	Mudasser Hassan		
09	Ammar Armghan, Mudasser Hassan, Hammad Armghan, Ming Yang, FayadhAlenezi, Muhammad Kashif Azeem, Naghmash Ali	Barrier Function Based Adaptive Sliding Mode Controller for a Hybrid AC/DC Microgrid Involving Multiple Renewables	Applied Sciences
10	Umair Hussan, Muhammad Asghar Majeed, Furqan Asghar, Aashir Waleed, Asim Khan, Muhammad Rameez Javed	Fuzzy logic-based voltage regulation of hybrid energy storage system in hybrid electric vehicles	Electrical Engineering
11	Muhammad Tanveer Riaz, AurangZaib, Muhammad Zeeshan Khan, Sidra Riaz, Saeed Ahmad, Haider Ali, Muhammad Mustafa Qureshi, Shahid Atiq	Investigation of Electrical Properties of Epoxy Resin Composite with the Surface Modification of SiO ₂ Nanoparticles	ICE Cube
12	NoumanFaiz, Lijun Yang, Chen Han, Muhammad Shoaib Bhutta, Muhammad Arshad Shehzad Hassan, Umer Farooq, Jamshed Ali Shaikh	A modified 2nd order kinetic model by including temperature effect and LODP of oil-impregnated paper under thermal degradation	IEEE 3rd International Conference on Dielectrics (ICD)
13	Muhammad Zeeshan khan, Shah Zaman, Muhammad Arshad Shehzad Hassan, Asim khan	Structural morphological and electrical analysis of Pr- And La-doped magnesium ferrites	Emergent Materials, Springer
14	Muhammad Kashif Azeem, Hammad Armghan, Zil e. Huma, Iftikhar Ahmad, Mudasser Hassan	Multistage adaptive nonlinear control of battery-ultracapacitor based plugin hybrid electric vehicles	Journal of Energy Storage

Department of Civil Engineering			
S. No	Author	Title	Research Journal/Conference
1	Khawaja Adeel Tariq, Munib Ul Rehman, Rana Ghafran, Ibraheem Kamran and Muhammad Haroon	Physio-Mechanical and Thermal Properties of Concrete Produced by Partial Replacement of Sand with Plastic Fines	Pakistan Academy of Science
2	Khawaja Adeel Tariq, Muhammad Sohaib and Mirza Awais Baig	Effect of partial replacement of cement with rice husk ash on concrete properties	Pollack Periodica
3	Khawaja Adeel Tariq and Takeshi Maki	Modeling of stress-strain relation of cement-treated sand under compression	Pollack Periodica
4	Khawaja Adeel Tariq and Takeshi Maki	Effect of limestone powder on the uniaxial compressive behaviour of cement-treated sand	Pakistan Journal of Engineering and applied Science
5	K. A. Tariq, S. A. Husnain, M. Mudassar, M. Awais	Performance Evaluation of Filter Used in Groundwater Recharging Through Wells	Technical Journal
6	Khawaja Adeel Tariq, Hadhi Hassan Khan, Shuja Zaib Afghan and Arslan Raza	Evaluation and Improvement of Major Intersection on Eastern Corridor of Gujranwala, Pakistan using SIDRA	Journal of Engineering and Applied Sciences
Department of Computational Sciences			
S. No	Author	Title	Research Journal/Conference
1	Farhan Ullah, Sohail Jabbar, and Leonardo Mostarda	An intelligent decision support system for software plagiarism detection in academia	International Journal of Intelligent Systems
2	Usman Rauf Kamboh, Ubaid Ullah, Shehzad Khalid, Umar Raza, Chinmay Chakraborty, and Fadi Al-Turjman	Path loss modelling at 60 GHz mmWave based on cognitive 3D ray tracing algorithm in 5G	Peer-to-Peer Networking and Applications
3	Marya Rasib, Atif Butt, Shehzad Khalid, Samia Abid, Sohail Jabbar, Faisal Raiz,, and Kijun Han	Are Self-Driving Vehicles Ready to Launch? An Insight into Steering Control in Autonomous Self-Driving Vehicles	Mathematical Problems in Engineering
4	Ameer Taimour Khan, Yassin Abdullah, Sidra	Design and analysis of truncated elliptical shaped chipless RFID	Turkish Journal of Electrical Engineering & Computer Sciences

	Farhat, Wasim Nawaz, Usman Rauf		
5	Syed Muhammad Usman, Shehzad Khalid ,Sohail Jabbar , Sadaf Bashir	Detection of preictal state in epileptic seizures using ensemble classifier	Epilepsy Research
6	Kamboh Usman Rauf, Muhammad Rehman Shahid, Hamza Aldabbas, Ammar Rafiq, Bader Alouffi, Muhammad Asif Habib, Ubaid Ullah	Radio network forensic with mmWave using dominant Path Algorithm	Accepted
7	SohailJababr	IEEE Access Special Section Editorial: Scalable Deep Learning for Big Data	IEEE Access
8	Sohail Jabbar	Blockchain-enabled supply chain: analysis, challenges, and future directions	Multimedia Systems
9	Abid Ali Minhas, Sohail Jabbar, Muhammad Farhan	A Smart Analysis of Driver Fatigue and Drowsiness Detection Using Convolutional Neural Networks	MTAP-D-20-03020 (Under Review)
10	Munwar Iqbal, Shehzad Khalid, Sohail Jabbar, Umar Raza	A Deep Learning-Based Approach for Vehicle Detection in Urban Computing for Context-Aware System	SAFETY-D-21-00046 (Under Review)
11	Noman Zahid, Usman Rauf Kamboh	AI-driven Adaptive Reliable and Sustainable Approach for Internet of Things Enabled Healthcare System	<u>MBE-951</u> (Under Review)
12	Usman Rauf Kamboh, Maria Manzoor	Modelling and Optimizing Pb- Extraction from the Soil using Artificial Neural Networks (ANN), and Genetic Algorithm (GA)	<u>EMID:62a0d352f59ad31b</u> (Under Review)
13	Abid Ali, Muhammad Iqbal, Usman Rauf Kamboh, Awais Ahmad	Time, Energy Efficient and Dynamic Decision-Based Technique for Task Scheduling in the Mobile Cloud Computing	<u>AIS-D-21-00003</u> (Under Review)
Department of Management Studies			
S. No	Author	Title	Research Journal/Conference
1	Arshia Hashmi, Muhammad Azeem Ahmad	The Impact of Green and Social Network Marketing and Marketing Strategies on the Textile Business Performance in Pakistan: Moderating Role	Sys Rev Pharm
2	Ansa Javed Khan, Sajjad Ahmad Jan, Jawad Rahim	Intergenerational Economic Mobility: The Case of North Western Pakistan	Humanities & Social Sciences Reviews

	Afridi, Arshia Hashmi, Muhammad Azeem Ahmed		
3	Arshia Hashmi, Muhammad Azeem Ahmad, Mubashir Ali Khan, Chikim Loh, Imran Arshad	Frontline banking sector employees' performance in Pakistan under transformational leadership through employees' empowerment	PSYCHOLOGY AND EDUCATION
4	Muhammad Azeem Ahmad Arshia Hashmi Waris Ali	The Impact of Quality Management System on The Product Quality of The Manufacturing Industry In Pakistan	PalArch's Journal of Archaeology of Egypt/Egyptology
5	Muhammad Azeem Ahmad, Arshia Hashmi	The Role of Effective Supply Chain Practices on Firm Performance: Mediating Role of Organizational Culture	Journal of Contemporary Issues in Business and Government
6	Muhammad Azeem Ahmad, Arshia Hashmi, Kiran Shehzadi, Muhammad Atif Nawaz	The Role of Language Style, Perceived Services and Medical Qualities on the Tourism Development in Malaysia: Mediating Role of Customer Satisfaction	REVIEW OF ECONOMICS AND DEVELOPMENT STUDIES (READS)
7	Muhammad Azeem Ahmad, Arshia Hashmi, Waris Ali	The Influence of Human Resource Management Practices on the SMEs Performance: Mediating Role of Employee Engagement	Review of Education, Administration and Law
8	Hasan Zahid, Muhammad Azeem Ahmad, Arshia Hashmi, Adeel Abro	Antecedents of Intention to use E-Government Services among the Employees of Public Universities	Validation of OMEGA Model. International Journal of Management
9	Muhammad Azeem Ahmad, Arshia Hashmi, Imran Arshad	Managing Environmental Quality in Thailand: Examining the Role Of Trade And Financial Development	PalArch's Journal of Archaeology of Egypt/Egyptology
10	Arshia Hashmi, Muhammad Azeem Ahmad, Imran Arshad	The Impact of Knowledge Oriented Leadership and Innovation Adoption on the Telecom Business Performance	Moderating Role of Organizational Learning. Elementary Education
11	Muhammad Aslam, Aliya Fahmi, Fuad Ali Ahmed Almahdi, Naveed Yaqoob	Extension of TOPSIS method for group decision-making under triangular linguistic neutrosophic cubic sets	Soft Computing
12	Aliya Fahmi, Fazli Amin, Muhammad Aslam, Naveed Yaqoob, S Shaukat	T-norms and T-conorms hesitant fuzzy Einstein aggregation operator and its application to decision making	Soft Computing

13	Aliya Fahmi, Muhammad Aslam	Cubic linguistic uncertain Einstein averaging operators and decision-making problems	Soft Computing
14	Aliya Fahmi, Noor Ul Amin	Group decision-making based on bipolar neutrosophic fuzzy prioritized muirhead mean weighted averaging operator	Soft Computing
15	Aliya Fahmi, Saleem Abdullah, Fazil Amin	Trapezoidal cubic fuzzy weighted geometric operator and their application to multiple attribute group decision making	Italian Journal of Pure and Applied Mathematics
16	Aliya Fahmi, Muhammad Aslam	Projected decision background based on q-rung orthopair triangular fuzzy aggregation operators	Granular Computing
17	Aliya Fahmi	Group decision based on trapezoidal neutrosophicDombi fuzzy hybrid operator	Granular Computing
18	Noheed Khan, Muhammad Bilal, Salman Ali Qureshi, Abdul Rauf Kashif, Abdul Rehman Sajid	The Relationship between Asian Stock Markets: A Co-Integration Approach	Journal of Contemporary Issues in Business and Government
19	Syed Hussain Mustafa Gillani, Malkah Noor Kiani, Sajjad Ahmad Baig, Shahzad Iqbal, Muhammad Zia ur Rehman	Impact of Organization Learning Processes on Organizational Effectiveness: The Moderated Mediation Analysis	International Journal on Emerging Technologies
20	Rabia Safdar, Muhammad Jawad, Sajjad Hussain, Muhammad Imran, Ali Akgül, Wasim Jamshed	Thermal Radiative Mixed Convection Flow of MHD Maxwell Nanofluid: Implementation of Buongiorno's Model	Chinese Journal of Physics
21	Hina Sultan, Azeem Ahmad, Arshia Hashmi	The Relationship of Health Consciousness and Obesity Perception with Purchase Intention for Coca Cola Pakistan	iRASD Journal of Management
22	Abdul Rauf, Arshia Hashmi, Azeem Ahmad	The Impact of Personal Traits of the Consumers on their Impulsive Buying Behavior of Pakistan	iRASD Journal of Management
Department of Biochemistry			
S. No	Author	Title	Research Journal/Conference
1	Sadaf Saleem, Imtiaz Mahmood Tahir, Tahira Iqbal, Amer Jamil, Huma Mehboob, MuhammaAkram, Peter	Genetic polymorphism of NAT1 in local Pakistani population	Gene Reports

	OlusakinOladoye		
2	Bushra Arshad, Tahira Iqbal, Khalid Pervez Bhatti, Sheraz Ahmed	Insights into Off-Label therapeutic strategies against mild and severe COVID- 19 infection	Pakistan Journal of Pharmaceutical Sciences
3	Haroon ur Rashid Kayani, Fatma Hussain, Saba Zulfiqar, Hafiz Burhan Ul Haq, Aftab Ahmad Malik	Computer Models for Malaria Infections, Diagnosis and Transmission Analysis	International Journal of Scientific & Technology Research

Department of Rehabilitation Sciences

S.No	Author	Title	Research Journal/Conference
1	Aiza Nasir	Frequency of work-related musculoskeletal disorders and with associated factors among physical therapists of Faisalabad, Pakistan	Rawal Medical Journal
2	Sidra Majeed; PT Bukhari SN, Majeed S, Noor S, Khan T	Effects of mirror therapy on bell's palsy	The Journal of Riphah College of Rehabilitation Sciences (JRCRS)
3	Sidra Majeed, Irum Ali, Aroosalshfaq, MunazzahQasim, Sidra Majeed	Effects of high intensity interval training and moderate intensity continuous training on cardiovascular endurance in young healthy females	Indo American Journal of Pharmaceutical Sciences
4	Ayesha Niaz; Kinza Idrees, Hafiz Abdul Basit Shabbir, Hafiza Aqsa Shabbir, Ayesha Niaz, Khadija Ahmed	Effects of pulmonary tele- rehabilitation in Home confined patients with covid-19	Indo American Journal of Pharmaceutical Sciences
5	Sundas Farooq	Effectiveness of mulligan Mobilization and Kinesio- taping technique on the anterior innominate dysfunction in females	Journal of the Pakistan Medical Association

Department of Chemical Engineering

S.No	Author	Title	Research Journal/Conference
1	Ali Awad, Israr Ahmed, Danial Qadir, Muhammad Saad Khan and Alamin Idris	Catalytic Decomposition of 2% Methanol in Methane over Metallic Catalyst by Fixed- Bed Catalytic Reactor	Energies, MDPI
2	Babar Azeem	Valorization of almond shells' lignocellulosic microparticles for controlled release urea production: interactive effect of process parameters on longevity and kinetics of nutrient release	Journal of Coatings Technology and Research
3	Babar Azeem, Noureddine Elboughdiri,	Steam-activated sawdust efficiency in treating wastewater contaminated by heavy metals and phenolic compounds	Water Reuse and Desalination

	Djamel Ghernaout, Saad Ghareba, Karim Kriaa		
4	Babar Azeem	Multicomponent Spiral Wound Membrane Separation Model for CO ₂ Removal from Natural Gas	Membranes
5	Babar Azeem	Predicting Conduction Heat Flux through Macrolayer in Nucleate Pool Boiling	Energies
Department of Nutrition and Dietetics			
S. No	Author	Title	Research Journal/Conference
1	Mohammad Delwer Hossain Hawlader, Mohammad Lutfor Rahman, Anum Nazir, Tasnim Ara	COVID-19 vaccine acceptance in South Asia: a multi-country study	International Journal of Infectious Diseases
3	Anum Nazir, Nizwa Itrat, Duaa Munawar and Muhammad Awais Saleem	Development and sensory evaluation of safedmusli (Chlorophytumborivilianum) nutritional gummies for stunted child	Pure and Applied biology
4	Anum Nazir, Nizwa Itrat, Maham Mehboob, Uswa Ahmad and Dua Ali	Qualitative and sensory characterization of muffins synthesized with chestnut flour substitution	Pure and Applied biology
5	Nizwa Itrat, Anum Nazir, Minal Ali, Uswa Ahmad and Zain Mushtaq	Acquisition of Hordeum vulgare (Beverage) prospective against adiposity among female trial	Pure and Applied biology
6	Anum Nazir, Nizwa Itrat, Uswa Ahmad, Samina Allah Yar, Kaneez Fatima, Mehak Naeem and Nishat Zafar	Development and sensory evaluation of potato (Solanum tuberosum) peel powder incorporated muffins for health	Pure and Applied biology
Department of Pharmacy			
S. No	Author	Title	Research Journal/Conference
1	Asralftikhar	Protective Effects of Ellagic Acid against Alcoholic Liver Disease in Mice	Frontiers in Nutrition
2	Asralftikhar	History, Epidemiology, Vaccine and Transmission of Coronavirus Disease 2019 (COVID-19): A Quick Review	Life Research
3	Asralftikhar	Acacia nilotica polyphenol extract restores glucose homeostasis by upregulating the insulin secretion and lowering the oxidative stress through down regulation of c-Jun N-terminal kinase (JNK) signaling cascade	Journal of King Saud University – Science
4	Asralftikhar	Dietary anthocyanins as potential natural modulators for the prevention and	Food Research International, Elsevier

		treatment of non-alcoholic fatty liver disease: A comprehensive review	
5	AsraIftthikhar	Anti-Microbial Potential of two Traditional Medicinal Plants	Annals of Punjab medical college
6	Fauzia Rehman	Optimization, in vitro release and toxicity evaluation of novel pH sensitive itaconic acid-g-poly(acrylamide)/sterculia gum semi-interpenetrating networks	DARU Journal of Pharmaceutical Sciences
7	Fauzia Rehman	In vitro and in vivo evaluation of gellangum hydrogel films: Assessing the co impact of therapeutic oils and ofloxacin on wound healing	International Journal of Biological Macromolecules
8	Dr Sana Shahzad	Long-Term Effects Caused by Organ Damage Due to Covid-19 Infection	European Journal of Clinical Pharmacy
9	Dr Sana Shahzad	Post-Covid Recovery Assessment Clinics: A Real Need of Time.	Pharmacy Practice & Practice-Based Research
10	Dr Sana Shahzad	Special Recommendations in Expanding the Roles of Pharmacists in Response to Covid-19 Pandemic in Low and Middle-Income Countries (Lmics)	Biomedical Journal of Scientific Research and Technology
11	Dr Sana Shahzad	Social Determinants Influence Physicians' Behavior in Prescribing Antibiotics: Factors And Consequences	Biomedical Journal of Scientific Research and Technology
12	Dr Sana Shahzad	Clinical Pharmacist Interventions in Improving the Health Outcomes by Reducing Physician's Burden and Medication Errors: A Purposed Model	International Journal of Pharmaceutical Sciences and Clinical Pharmacy
Office of Research, Innovation and Commercialization (ORIC)			
S. No	Author	Title	Research Journal/Conference
1	Ali Hassan Sodhro, Noman Zahid	AI-Enabled Framework for Fog Computing Driven E-Healthcare Applications	Sensors, MDPI
2	Noman Zahid, Ali Hassan Sodhro, Usman Raouf Kamboh, Sandeep Pirbhulal	AI-driven Adaptive Reliable and Sustainable Approach for Internet of Things Enabled Healthcare System	MBE (Under Review)
3	Ali Hassan Sodhro, Noman Zahid,	A Novel Intelligent Energy Efficient Approach for Optimization of Real-time Big Data in 6G based Smart Medical Cities	Cluster Computing (Under Review)
4	Noman Zahid, Ali Hassan Sodhro, Sandeep Pirbhulal, Marcello Carvalho dos Reis, and Victor Hugo C. de Albuquerque	Towards Optimal Intrusion Detection using Fuzzy Decision Mechanism for Sustainable Transportation Applications	IEEE Transactions on Fuzzy Systems (Submitted)

2.2 Research Journal

Issues of JUMDC published during 2020 and 2021



2.3 Conferences, Seminars/Webinars and Workshops/Trainings organized at TUF

Center of Executive Learning (CEL), TUF has organized Conference, series of seminars/webinars and workshops/training, seminars/webinars in the year 2020 and 2021 with the collaboration of office ORIC of TUF.

S. No	Title	Date of Event
1.	Panel Data Analysis in Stata	10- July - 2020
2.	Advanced Qualitative Techniques	14- July - 2020
3.	Quantitative Analysis Using SPSS	20- Aug- 2020
4.	Medical Research	22- Aug- 2020
5.	Getting Research Published	26-Sep-2020
6.	Breast Cancer Awareness Month	14 October 2020
7.	First Interaction with Patient	24-Nov-2020
8.	Faculty Development Program (FDP)	20-Jan-2021 to 29-Jan-2021
9.	Understanding Research-I	13-Apr-21
10.	The Comprehensive Use of SPSS	5-Jun-21
11.	Tips and Techniques of Trading on PSX	7-Jun-21
12.	Impact of COVID-19 on Financial Performance of Industries	9-Jun-21
13.	Financial Reporting	15-Jun-21
14.	Industry-Academia Perspective of Budget 2021-22	16-Jun-21
15.	Train the Trainers Workshop on “Research Visibility”	31-Jul-2021
16.	World Pharmacists Day	25 September 2021

17.	Academic Writing and Plagiarism	30-Sept--2021
18.	Blockchain-Enabled IoT Powered Supplychain Traceability System for Counterfeit Drugs	15- Oct-2021
19.	From Research Publications to Research Visibility	27- Oct-2021
20.	1st International Conference on Dermal Sciences	20-Nov-2021

2.4 The Professional Competency Enhancement Program (PCEP)

The Professional Competency Enhancement Program (PCEP) is arranged for the capacity enhancement of the faculty members. The program provides an opportunity to faculty members to enhance their skills. The following faculty members participated in PCEP during the year 2020 and 2021.

S.No	Titles	Facilitator
1.	Environmental Pollution	Prof Dr Shahid Raza
2.	Effective Ways to write Research Grant Proposal	Dr Asim Khan
3.	How to Publish Research article in Impacted Journal	Dr Uswa Ahmad
4.	Academic writing and plagiarism	Dr Naila Riaz
5.	How to write a good quality paper in limited period of time	Dr Arshad Shehzad
6.	Study of Pandemics in the light of Seerat-e-Tayyaba	Dr M Ramzan Barvi
7.	Bridging Gap Between Industrial Academia and Linkages	Dr Zeeshan Khan
8.	Importance of Arabic	Dr Fiaz ul Hassan
9.	7 Habits of highly effective people	Dr Sumaira Aslam
10.	A Journey: Narrow down your research topic and find contribution	Dr Usman Rauf
11.	Water Crisis: Why Pakistan is running dry?	Dr M Nouman Sattar
12.	Effective Team Management	Dr Asra Iftikhar
13.	Time Management	Ms Riffat Riaz
14.	Communication Skills	Ms Mehak Naeem
15.	Counter-productive work behaviors and work deviances	Ms Safa Iftikhar
16.	Developments of research culture	Ms Amara Nasir and Ms Maryam Fatima
17.	Antibiotic Resistance	Dr Mehwish Batool; Pharm D
18.	Using online Technology for English Language Class Room	Ms Sadia Shan
19.	Learning Disabilities	Ms Sadia Ismail
20.	Importance of educational research	Ms Tahreem Rizwan

21.	Use of audio-visual aids in teaching	Ms Iqra Asghar
22.	Formal Academic Communication	Ms Amna Fayyaz
23.	Relationship of stress, obesity and caffeine intake with intra ocular pressure	Ms Ayesha Kiran
24.	Project Management	Ms Rabia Lodhi
25.	Computer vision syndrome: A widely spreading but largely unknown epidemic among computer users	Ms Nimra Gull
26.	Time to use another part of brain	Ms Ayesha Anwar
27.	Industry 4.0 and Modern Industrial Manufacturing Methods	Mr Shoaib Zaheer
28.	Contact Lens delusion: What do the people must know about their contacts?	Ms Ammara Affi
29.	Competency Management	Ms Saba Sabir
30.	Precautions to Avoid Computer Vision Syndrome	Dr Areeba Mishal
31.	Clinical Teaching Methods	Ms Taiba Suleman
32.	Difference between a Boss and a Leader	Ms Sadia Adress
33.	Statistical Analysis on R	Mr Umair Arif
34.	Hand Hygiene / Types of Assessment	Ms Rabia Mehmood
35.	Why your eyes burn? Simply annoyance or the sign of problem?	Ms Shakila Abbas
36.	Fertilizer for Precision Agriculture	Dr Babar
37.	Time Value of Money	Mr Adeel Abbas
38.	Work-Life Balance	Ms Sadia Shan
39.	Innovative teaching methodologies	Dr Maryam Safdar; PT
40.	Entrepreneurship	Mr Asim Sarwar
41.	Academic/Industrial Linkages	Mr Ahmad Saleem
42.	Academic Planning	Dr Marium Zafar; PT
43.	Management Skills	Ms Bushra Zahoor
44.	How to become a effective teacher	Mr Hassan Raza
45.	Indexing and Categories of International Journal	Mr Asghar Majeed

46.	How to deal with Challenging behaviors of students	Dr Rubina Zulfiqar; PT
47.	Motivational Skills	Ms Mehwish Batool
48.	Procrastination	Mr Ali Awad
49.	Team work	Mr Mubeen Alam
50.	Emotional intelligence	Dr Mehwish Musharraf; PT
51.	Contemporary Orientalism	Ms Ammara Rehman
52.	Working hard with patience	Mr Umer Latif
53.	Smart building Energy Management System	Mr Danyal Zahid
54.	Classroom management in the light of Islamic values and ethics	Ms Humeira Khalil
55.	Effective Presentation skills	Dr Sana Shahzad
56.	Step out of your comfort zone	Mr Ubaid Ullah
57.	Positive Thinking	Mr Ahmed Raza
58.	Hazrat Muhammad SAW Bahesiyyat "Jawam ul Qalam"	Ms Safia Jafar
59.	How to save your home from dampness	Mr Muhammad Ali
60.	Stress Management	Mr Mudassar Hassan
61.	Tolerance	Mr Najaf Ali
62.	Reasons for Low Back Pain in Office Workers and Proper Ergonomics to Prevent it	Dr Komal Razzaq
63.	Collaborative Quality Enhancement in Engineering education, Overview of some operational models	Mr Usama Assad
64.	Academic Writing using Latex	Mr Umar Farooq
65.	Environment and Sustainability	Mr Arslan Sami

2.5 Webinar attended by various faculty members of UMDC

S. No	Date	Titles	Organized by
1.	2 nd July, 2020	"International Online Symposium Online Teaching & Learning in Higher Education (Trends, Innovations, Issues, Challenges & Coping strategies)"	Riphah International University
2.	2 nd July, 2020	"Open Science and The Reward System: How can they be aligned"	Elsevier Researcher Connect

3.	2 nd July, 2020	"International Online Symposium on: Digital Transformation in Higher Education"	Riphah International University, Islamabad
4.	4 th July, 2020	"Online Assessment & Exams through Telephone"	SIVU Sadiq International Virtual University
5.	4 th July, 2020	"Testing, Diagnosis & Clinical Management of Covid -19: Virology & Infectious Disease Perspective"	The Impact
6.	09 th July, 2020	"COVID-19 & Neurological Malignancies Webinar"	Shaukat Khanum Memorial Cancer Hospital & Research Centre Lahore
7.	11 th July,2020	"Future of Medical Education"	The University of Lahore
8.	14 th July,2020	"New MSPE Guidance: Addressing Covid-19 related changes"	ECFMG Educational Commission for Foreign Medical Graduates
9.	14 th July,2020	"Management of Dead Bodies & Myths Related to Covid-19"	EMED FMU
10.	18 th July, 2020	"PPE Training for Healthcare Workers"	Government of Pakistan Ministry of National Health Services
11.	22 nd August, 2020	"Developing a Contextual Curriculum"	SIVU Sadiq International Virtual University
12.	29 th August 2020	"Digital Medical Illustration in Anatomy for Anatomists"	KirupanandaVariyar Medical College & Hospitals, Salem
13.	2 nd Sep, 2020	"Introduction to Data Analysis using SPSS"	AAIMS Afro-Asian Institute of Medical Sciences
14.	26 th Sep,2020	"Getting Research Published"	University Medical & Dental College Faisalabad
15.	27 th Sep, 2020	"Bite Marks & their Forensic Importance"	Mody University of Science and Technology
16.	02 nd Oct, 2020	"Advancement in Questioned Document Examination"	Forensic Talents India
17.	08 th Oct ,2020	"Cyber Forensics and Incident Response Management"	Forensic Talents India
18.	08 th Oct, 2020	"New Educational Technologies for Medical Education"	SIVU Sadiq International Virtual University
19.	10 th Oct, 2020	"Modern Assessment in Modern Education"	SIVU Sadiq International Virtual University
20.	11 th Oct ,2020	"Forensic anthropology in World: Current perspectives"	Forensic Talents India
21.	17 th Oct ,2020	"Scope and Challenges of Forensic Odontology"	Forensic Talents India
22.	24 th Oct ,2020	"Changing Attitude Towards Clinical Research"	University Medical & Dental College Faisalabad

23.	24 th Oct, 2020	“Legal Aspects in Forensic Science”	Forensic Talents India
24.	25 th Oct, 2020	“Gender crime & Social order: A Criminological Approach”	Forensic Talents India
25.	22 nd Nov, 2020	“Forensic significance of hand analysis”	Forensic Talents India
26.	20 th Dec, 2020	“Management of assessment: Processes and Practices”	ProfDrAlam Sher Malik, International Medical School of Management and Science University (MSU)
27.	07 th Jan, 2021	“Students’ study guides”	
28.	24 th Jan, 2021	“Competency-based Curriculum”	
29.	21 st Feb, 2021	“Student mentoring and tracking system”	
30.	28 th March,2021	“Programmatic assessment”	ProfDrAlam Sher Malik, International Medical School of Management and Science University (MSU)
31.	23 rd May, 2021	“PBL Package: Design and Development”	ProfDrRukhsana Hussain Malik, Quest International University Perak
32.	20 th June, 2021	“Inter-professional Education: Concept and Implementation”	ProfDrAlam Sher Malik, International Medical School of Management and Science University (MSU)
33.	17 th July, 2021	“PBL process: Roles and Responsibilities”	
34.	23 rd Aug, 2021	“OSCE/OSPE: Developing and Executing - F2F & Online”	ProfDrAlam Sher Malik, International Medical School of Management and Science University (MSU)
35.	31 st Aug, 2021	“Importance of Forensic Medicine in Under Graduate Medical Education”	Aziz Fatima Medical & Dental College
36.	04 th Sep, 2021	“Examination of Injured & Nature of Injury”	Riphah International University
37.	04 th Sep, 2021	“Medicolegal Examination of Rape Victim”	Riphah International University
38.	05 th Sep, 2021	“Protocol of Examining Female Sexual Assault Victim”	Office of Surgeon Medicolegal, Punjab
39.	26 th Sep, 2021	“Best Answer Questions”	ProfDrRukhsana Hussain Malik, Quest International University Perak

2.6. Webinar attended by various faculty members of TUF			
S. No	Conferences/Seminars/Training	Conducted by/at	Participants
1.	Outcome based education	Online (Malaysia)	Engr Dr Khawaja Adeel Tariq
2.	The 7th International (Virtual) Workshop on UI Greenmetric	Online (Indonesia)	EngrDr Khawaja Adeel Tariq, Engr Ali Husnain
3.	Civil Engineering opportunities and Challenges	The University of Faisalabad	EngrDr Khawaja Adeel Tariq, Engr Ali Husnain, Engr Arslan Sami, Engr Yasir Iftikhar, Engr Mh. Bilal, Engr Mh. Sohaib, Engr Mh. Basit
4.	Selection of Geotechnical Design Parameters	Online (by Chief Engineer, NESPAK Lahore)	
5.	Roller Compacted Concrete in Dam Construction	Online (by Managing Director, GeoBand Lahore)	
6.	Faculty Development Program	The University of Faisalabad	
7.	Basic Interpretation of Pediatric CT& MRI brain	Children Hospital	Sadia Ismail
8.	Universities, UI GreenMetric, and SDGs in the Time of Pandemic	Universiti Putra Malaysia	Dr Muhammad Arshad Shehzad Hassan Engr Umar Farooq Danyal Zahid
9.	Application of Epoxy Resin in HVDC	The University of Faisalabad	Dr Muhammad Zeeshan Khan Engr Mudassar Hassan
10.	Industrial IoT on Google Platform	The University of Faisalabad	Dr Asim Khan Syed Husnain Shah Asfandiyar Imtiaz
11.	Effect of Fluorination on Epoxy resin Nano-composites	The University of Faisalabad	Ussama Assad Umair Hussan Muhammad Hamza
12.	“What, Why and How of followership in medical education	Under faculty development programme of united Medical college	Dr Sadaf Zia
13.	Certificate in Medical Editing	University of health sciences	Dr Sundus Tariq
14.	International E-Conference on Recent Advances in Biomathematics	Bangladesh	M. Jawad
	1st International E-Conference in Mathematical Sciences and Fractional Calculus	Alexandria – Egypt	
15.	Glob-First2021	Minhaj University Lahore Pakistan	
	First Conference on partial Differential Equation in Fluid Mechanics	PDEFM2021	
	Emerging Trends in Pure and Applied Mathematics	University of Bahrain	
	7th International (Virtual) Workshop on UI Green Metric World University Rankings (IWGM 2021)	University Putra Malaysia, Malaysia	
16.	Environmental Pollution	The University of Faisalabad	Dr Shahid Malik
17.	Advanced Laparoscopic Bariatric Surgery Live workshop.	Surgical Department, Madina Teaching Hospital, Faisalabad	Dr Irshad Ahmad
18.	Turkish Breast Surgery Conference	Istanbul Turkey	

	Istanbul Reconstruction Breast surgery Workshop	Istanbul Turkey	Dr Saira Saleem
	International RCT training Workshop	Comstech Islamabad	
	Breastics 24 conference	Worldwide, 24 hr virtual conference	
	13th Annual International Conference of Society of Surgical Oncology Pakistan.	Sheikh Zayed Hospital Lahore	
19.	Certificate in Teaching & Learning	The University of Faisalabad	Dr Farhan Javed
20.	Faculty Development program	The University of Faisalabad	Dr Rabia Mahmood
	Leprosy workshop	WHO at TUF	
21.	BLS	CPSP	Dr Sana Alia
	Leprosy workshop	WHO at TUF	
	Communication skills	CPSP	
	IT skills	CPSP	
	Research Visibility	The University of Faisalabad	
	Research writing	CPSP	
	Research writing and how to make a research question	The University of Faisalabad	
22.	Leprosy workshop	The University of Faisalabad	Dr Ridda Ather
	Communication skills	CPSP	
	IT skills	CPSP	
23.	Research Visibility	The University of Faisalabad	
	Research writing and how to make a research question	The University of Faisalabad	
	Communication skills	CPSP	
24.	Participation in the Seminar on World Radiology day	The University of Faisalabad	Dr Nayab Alia
	Participation in the Seminar on Trauma Radiology		
25.	Participation in the Seminar on World Radiology day.	The University of Faisalabad	Sadia Ismail
	Participation in the Seminar on Trauma Radiology		
	Participation in the Seminar on HRCT in COVID-19		
	Participation in the Seminar on Research Methodology		
26.	Participation in the Seminar on World Radiology day.	The University of Faisalabad	Hafsa Talat
	Participation in the Seminar on Trauma Radiology"		

	Participation in the Seminar on HRCT in COVID-19		
	Participation in the Seminar on Research Methodology		
27.	Continual Professional Development Program		Dr Aashir Waleed
28.	OBE Training Workshop	The University of Faisalabad	Faculty of Electrical Engineering
29.	Introduction to Plastic Analysis	Online (UTP Malaysia)	Dr. Khawaja Adeel Tariq, Dr. M. Shoaib, Ali Husnain, Arslan Sami, Engr. Yasir Iftikhar, Engr. Muhammad Bilal, Engr. M. Sohaib, Engr. Muhammad Ali
30.	Things You Need to Know about Activated Sludge System	Online (UTP Malaysia)	Dr. Khawaja Adeel Tariq, Dr. M. Shoaib, Ali Husnain, Arslan Sami, Engr. Yasir Iftikhar, Engr. Muhammad Bilal, Engr. M. Sohaib, Engr. Muhammad Ali
31.	Design of Embankment Dams	Online (NESPAK Lahore)	Dr. Khawaja Adeel Tariq, Dr. M. Shoaib, Ali Husnain, Arslan Sami, Engr. Yasir Iftikhar, Engr. Muhammad Bilal, Engr. M. Sohaib, Engr. Muhammad Ali
32.	Seminar on Diabetes	The University of Faisalabad	Dr Shanza Mukhtar
33.	Seminar on Hypertension	The University of Faisalabad	Nizwa Qamar
34.	Seminar on Neonatal Growth	The University of Faisalabad	Anum Nazir, Minal
35.	Training on Research Paper writing	The University of Faisalabad	Dr Sadia Hassan
36.	Seminar on Diabetes	The University of Faisalabad	Dr Shanza Mukhtar
37.	As HoD arranged and attended Seminar on "Latest Research Trends in Literature"	The University of Faisalabad	Dr Nailah Riaz
	Judge at 1st International Conference on Dermal Sciences (ICDS) 2021, The theme of the competition was "Beauty beyond Color: Celebrating 7 billion shades of skin".		
	Chaired a session in the 1st International Conference on Dermal Sciences.		
	Honorary speaker at the First International Conference ICRAELLL	University of Wah	
	Chaired a session in the First International Conference		
38.	Presented a paper in First International Conference		
	Co-organized and attended Seminar on "Latest Research Trends in Literature"	The University of Faisalabad	Hafsah Zafar
	Attended Seminar on Anti-Corruption		
	Guest Speaker in the Seminar on Anti-Corruption		
	Presented a paper in First International Conference	University of Wah	
39.	BLS	CPSP	

	Leprosy workshop	WHO at TUF	Dr Sana Alia
	Communication skills	CPSP	
	IT skills	CPSP	
	Research Visibility	The University of Faisalabad	
	Research Writing	CPSP	
	Research Writing and how to make a research question	The University of Faisalabad	
	PADCON 2021	PC Lahore	
40.	Conference on Academia' Collaboration with Industrial Organizations-CACIO	Pakistan Ordinance Factory, Wah Cantt.	Dr. Imran Ahmed Shahzad
	Introduction to Business Incubation Centre and how to become and Entrepreneur	The University of Faisalabad	
41.	Visual Arts History	Seminar - The University of Faisalabad	Afsheen Javaid
	'Lari's Zero Carbon Structures Workshop	Webinar	
	Computational Design – Next 6.0 2-Day Workshop	Online-Workshop	
	Green Architect 7-Day Leadership Challenge - UGREEN - Green Building School September 2021	Online-Workshop	
	Faculty Development Program 2021	The University of Faisalabad	

2.7 Conference Attended

2.7.1 International Surgery Conference

Professor Dr Saira Saleem, a dedicated, young, experienced breast and neoplastic surgeon at Madina Teaching Hospital and one of the few surgeons performing innovative surgeries in Pakistan honored her presence as a speaker in 13th International Cancer surgery conference held at Shaikh Zayed Medical complex, Lahore on 4th and 5th February, 2021. She enlightened the audience about the concepts of modern breast surgery and presented her talk on "Spectrum of breast cancer cases managed by modern surgical skills: 3 years' experience at Madina Teaching Hospital". She was awarded on her extraordinary contribution to the scientific deliberations of the conference.

2.8 Prominent Distinctions

S.No	Name	Designation/Department	
1	Dr Komal Atta	Associate Professor Department of Optometry	- Only Pakistani Medical Educationist to be featured in Harvard University's Harvard Macy Institute Community Blog of March 2021 - Selected as Head UniLearn Medical Education Pakistan Chapter from a number of medical educationists in the country Selected by WHO as expert to represent Pakistan for e-course development for teaching faculty how to give lectures online in WHO EMRO region (course will be free of cost and is for 22 countries including Pakistan) - Nominated along with 3 international candidates for Miriam Friedman Ben Kinnear Upcoming Medical Educator Award at AMEE 2021 conference. - Only person to be nominated for same award for upcoming AMEE 2022 conference - Selected to be the AMEE representative for AMEE networking center in Asia.(this is a big privileged as other institutes who had nominated their candidates for networking center include AKU, National University Singapore, International Medical University Malaysia and the University of HongKong among others) Talks are in progress for possible development of such a center at TUF
2	Dr Saira Saleem	Professor Department of Surgery	Elected as REGIONAL COUNCILLOR SURGERY of Royal College of Physicians and Surgeons of Glasgow after a worldwide election of Fellows of Royal College on 3-12-2021
3	Dr Sohail Jabbar	Director ORIC	- Enlisted in the top 2% of the most-cited scientists' list compiled by Stanford University in two consecutive years, 2019 and 2020 - Students won the First Prize at China-ASEAN Education Cooperation Week 2021 - International Invitational Contest of Internet of Things Technology

2.8 Visits of Delegations:

In order to promote TUF's international profile, the Ambassadors, Foreign Scholars and National/International Agencies and Councils are invited regularly to visit TUF. During the year 2020-2021 detail of visits of delegations is given below:

S. No.	Name of Dignitaries	Date
1.	Mr Muhammad Basharat Raja, Provincial Minister of Punjab for Law & Parliamentary Affairs	December 14, 2020
2.	Mr Mohsin Mushtaq Chandna, Federal Secretary for Inter-Provincial Coordination, Ministry of Inter-Provincial	December 14, 2020
3.	Prof Dr JavedAkram, Vice Chancellor, University of Health Sciences,	December 14, 2020
4.	Mian Muhammad Rasheed, Trustee Madinah Foundation	December 14, 2020
5.	Hafiz Ammar Yasir, Provincial Minister of Punjab for Mines and Mineral	December 15, 2020
6.	PEC Visit to Engineering Campus	February 02, 2021
7.	Dr Nadia Tahir, Managing Director Quality Assurance Agency, HEC	February 04, 2021
8.	Pakistan Engineering Council Team	February 11, 2021
9.	Adam MulawarmanTugio, Indonesian Ambassador	March 3, 2021
10.	Nursing Visit	March 21, 2021
11.	Dr Firdous Ashiq Awan, Special Assistant to CM Punjab	May 31, 2021
12.	Prof Dr Yasmin Rashid, Health Minister Punjab	August 11, 2021

CHAPTER. 3. QUALITY ASSURANCE

3.1 QEC Activities

Since its formation the Quality Enhancement Cell of the University of Faisalabad is working progressively to contribute in the development of knowledge base economy imagined by HEC. QEC is fully devoted to achieve goals. . Following are the main activities of the QEC.

Description
Finalization of Yearly Progress Report (YPR) 2019-21 for HEC: - Preparation of HEC Database - Preparation of all Evidences - Additional Targets
TUF - Surveys: - Preparation of Surveys Report - Teacher Evaluation - Student Feedback Survey - Student Course Questionnaire - Student Research Progress Review Form - Survey of Department Offering PhD Programs - Alumni Survey - Employer Survey - Faculty Resume Questionnaire - Graduating Survey - Faculty Course Review Report
World University Rankings: - Working on UI GreenMetric World University Rankings 2021 - Times Higher Education Impact Rankings 2022 - Working on QS World University Ranking – Asia - QS World University Rankings - Asia (QS Portal Data)
YPR Standard # 1 to 11
TUF - Surveys: - Preparation of Surveys Reports (Fall 2021) - Teacher Evaluation - Student Course Questionnaire
HEC Database: - Completion of HEC Database - Completion of University Wise Data
Work on UPR & YPR with Evidences: Finalization the following files, reports and data: - HEC Database - University Wise Data - YPR 2021-22 - HEC required Surveys Reports - IPE Implementation Plan - IPE Corrective Action Report - Programs Review Implementation Plan - Programs Review Corrective Action Report

3.2 QEC Memberships

Quality Enhancement Cell of the University of Faisalabad is the member of following International Quality Assurance Bodies.

S.No.	Name of Agency	
1.	Membership of Asia Pacific Quality Network (APQN)	
2.	Pakistan Chapter of Tallories Network (PCTN)	
3.	Association of Quality Assurance Agencies of the Islamic World (IQA)	
4.	International Network for Quality Assurance Agencies in Higher Education (INQAAHE). (In-Process)	

3.3 QEC Performance in World University Rankings

QEC participated in UI GreenMetric, THE Awards Asia 2021, and The University of Faisalabad has been ranked in UI GreenMetric, Times Higher Education Rankings and shortlisted by the Award Asia Category: Workplace of the Year in 2021.

3.3.1 Result Announced

Ranking	Final Submission	Result Date	Position
UI GreenMetric World University Rankings 2020	31-Oct-2021	07-Dec-2021	12th in Pakistan 469th in World
UI GreenMetric World University Rankings 2021	30-Oct-2021	14-Dec-2021	9th in Pakistan 341st in World
THE Impact Rankings 2021	07-Dec-2020	22-April-2021	1st in Private and 4th in all Universities in Pakistan 400-600 in World
THE Awards Asia 2021	03-March-2021	14-Dec-2021	Shortlisted

3.3.2 Under Review

Ranking	Final Submission	Result Date	Position
THE Impact Rankings 2022	12-Nov-2021	22-April-2022	Under Review
THE Awards Asia 2022	26-Jan-2022	31-May-2022	In Process

3.4 Participation of QEC Staff in National Events:

Agenda	Date	Venue
Higher Education Challenges during COVID-19	27 July, 2020	INQAAHE Secretariat
International Online Symposium, Online teaching and learning in Higher Education; Trends, Innovation, Issues, Challenges and Coping Strategies	28 July 2020	Online by Riphah International Universities
Impact of COVID-19 on Pakistan's Economy: Current & Future Implications	28 Jul 2020	Virtual University Islamabad
Post Budget Analysis 2020 and Economic Impact of Covid-19	30 Jul 2020	Virtual University Islamabad
Pro Quest Platform Advanced Training	13 August 2020	ProQuest Office Dubai

3.5 Participation of QEC Staff in Quality Workshops/Seminars & Trainings

In order to further enhance the education quality, the QEC team attended various workshops/webinars and seminars:

Agenda	Date	Venue	Status
Higher Education Challenges during COVID-19	27 July 2020	INQAAHE Secretariat	Seminar (Online)
International Online Symposium, Online teaching and learning in Higher Education; Trends, Innovation, Issues, Challenges and Coping Strategies	28 July 2020	Online by Riphah International Universities	Seminar (Online)
Impact of COVID-19 on Pakistan's Economy: Current & Future Implications	28 Jul 2020	Virtual University Islamabad	Seminar (Online)
Post Budget Analysis 2020 and Economic Impact of Covid-19	30 Jul 2020	Virtual University Islamabad	Seminar (Online)
ProQuest Platform Advanced Training	13 August 2020	ProQuest Office Dubai	Training (Online)
Impact Factor and University Ranking	08-October-2021	HEC (Times Higher Education)	Webinar
Introduction to Publishing in Academic Journals	09-Nov-2021	Pro-Quest Training by HEC	Workshop
QS Ranking Methodology	25-Nov-2021	QS Ranking	Webinar
Professional Competency	29-Nov-2021	National Productivity Organization Pakistan	Seminar (Online)
Conducting Effective Institutional Performance Evaluation	02-Dec-2021	Indus University, Karachi	Training (Online)
Training on Program Self-Assessment Report (SAR)	02-Dec-2021	Baqai University, Karachi	Training (Online)

3.6 Self-Review of IPE & MS/MPhil and PhD Program

3.6.1 Institutional Performance Evaluation (IPE)

QEC conducted the Self-Review on Compliance Implementation Plan (CIP) of HEC Review of Institutional Performance Evaluation (IPE) on 21-23 January, 2020, as mandated by the Higher Education Commission of Pakistan, and submitted the Self-Review report in the Yearly Progress Report (YPR) 2019-21 on 20th August, 2021 to HEC.

3.6.2 MS/MPhil and PhD Program Review (PR)

As mandated by the Higher Education Commission of Pakistan, QEC performed a Self-Review on Compliance Implementation Plan (CIP) of HEC Review of MS/MPhil and PhD Program Review on the 21st and 23rd of January, 2020, and submitted the Self-Review report in the Yearly Progress Report 2019-21 on 20th August, 2021 to HEC.

3.7 Time Line Surveys

QEC Conduct Time Line Surveys in order to improve quality and to meet the standards set by HEC and Accreditation Councils. Details of survey mentioned below:

Sr. No	Survey Name	Survey Conduct	Channel
1.	Student Feedback Survey (TE & SCQ)	After Mid Term Exam	LMS
2.	Faculty Course Review Report	After Result Declaration	LMS
3.	Graduating Survey	Final Semester Students	LMS
4.	Faculty Satisfaction Survey	Once a year	LMS
5.	Research Progress Review Survey	Once a year	Hard Form
6.	Program Offering PhD Survey	Once a year	Hard Form
7.	Faculty Resume	Once a year	Hard Form
8.	Alumni Survey	After 2 Year	Google Form
9.	Employer Survey	After 2 Year	Google Form

3.8 Achievements:

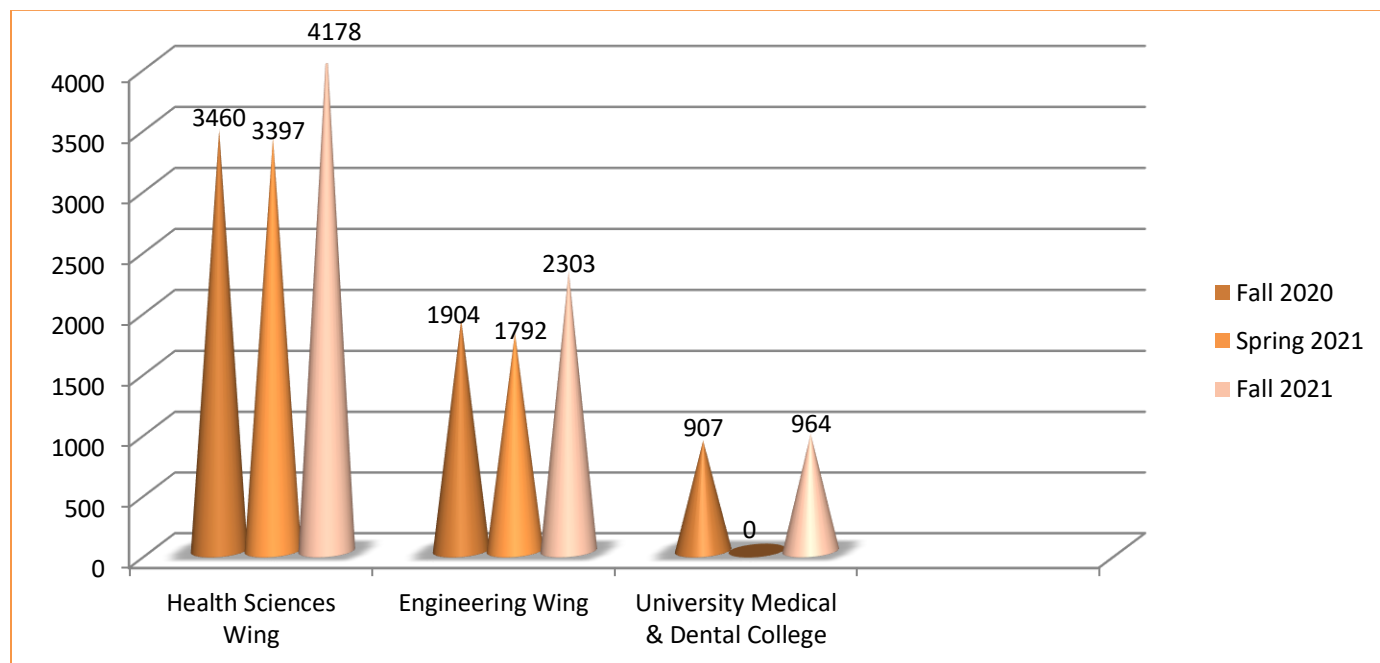
Detail	Achieved by
Reviewer of Journal of Sustainable Cities and Society	Dr Muhammad Arshad Shehzad Hassan
Reviewer of Journal of Electrical Engineering	
Reviewer of IEEE Conference on Energy Internet and Energy System Integration (EI2)	
Reviewer of Journal of IEEE Access Reviewer of Journal of ISA Transactions	Engr Mudasser Hassan
Best online teachers during COVID-19 from the platform of University of Faisalabad	Dr Uswa Ahmad & Anum Nazir
Certificate of Appreciation by Chemical Engineering Department	Muhammad Shoaib
Successful surveillance audit of ISO 9001:2015 with achievement of annual objectives	Surgery Department
Representation of University to Indonesian Embassy on Roundtable Discussion on Sustainable Vegetable Oils	Office of International Linkages and Affairs
Arranged financial support from China and Indonesia for 1st International conference on Dermal Sciences	Office of International Linkages and Affairs
Queen's University Belfast (QUB) Placement for TUF IT-Web Department placement	
1 st position in Internet of Things (IoT) Contest plus Training, (China-ASEAN Education Co-operation)	The University of Faisalabad
Won 3rd Position in "Essay Writing Competition" held on 1st International on Conference Dermal Sciences-ICDS 2021	Fizza Ahmad
Editor abstract book IDCS	Hafsah Zafar
Certificate of Conference and training on Industry academia Linkages.	Dr. Imran Ahmed Shahzad
Certified in Medical Editing & Teaching from University of Health Sciences, Lahore	Dr Saba Tariq
Certified in enduring material titled, "Medical Education in the Post-COVID-19 Era: Preparing Faculty and Enabling Learning", "by Harvard Medical School	
Certified in enduring material titled, "The Community Tracing Collaborative: Working toward COVID-19 Control in Massachusetts through a Test-Trace-Isolate-Support Approach", "by Harvard Medical School	
Certified in enduring material titled, "Mental Health Effects of the COVID-19 Pandemic" by Harvard Medical School	
Promoted as Coordinator of Research Work & MS Program	Dr Sidra Majeed
External Examiner of University of Health Sciences Lahore	Kainat Asmat
Thesis Evaluator of UHS and STMU	
Represented TUF at IMEC 2021 in RHIME (Ronald Harden Innovations in Medical Education) session as one of the 5 people selected from all over the world.	Dr Komal Atta

Invited to contribute to the official Blog of Harvard Macy Institute, Harvard University, Boston USA	
Only Pakistani to deliver an ASME Bitesize Medical Education Webinar by the Association of Stud of Medical Education UK on 9th November 2020 titles: To tweet or not to tweet, GrammableMedEd LinkedIn with Facebook: exploring the role of social media in Professional Identity Formation of Doctor	
Only Pakistani Medical Educationist to be featured in Harvard University's Harvard Macy Institute Community Blog. Post due in Feb/March 2020.	
Position holder in 3-minute thesis (3MT) videography competition on world sight week 2020	AmmaraAffi
Departmental approval for FCPS part II training by CPSP	Prof Dr Farrukh Imran
Elected as REGIONAL COUNCILLOR SURGERY of Royal College of Physicians and Surgeons of Glasgow after a worldwide election of Fellows of Royal College on 3-12-2021	Dr. Saira Saleem
Enlisted in the top 2% of the most-cited scientists' list compiled by Stanford University in two consecutive years, 2019 and 2020	Dr. Sohail Jabbar
Students won the First Prize at China-ASEAN Education Cooperation Week 2021 - International Invitational Contest of Internet of Things Technology	

CHAPTER 4. ACCESS

4.1 Students' Enrollment

Campus	Fall 2020	Spring 2021	Fall 2021
Health Sciences Wing	3460	3397	4178
Engineering Wing	1904	1792	2303
University Medical & Dental College	907	-	964



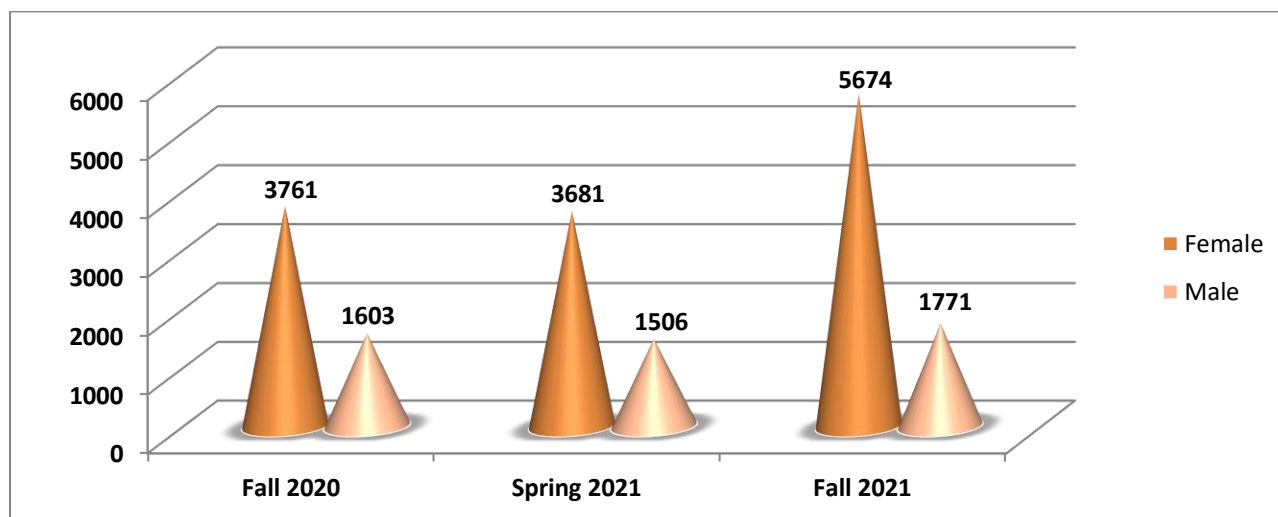
4.2 Equity

As per The University of Faisalabad Ordinance, LX 2002, the University shall offer Undergraduate, Graduate and Postgraduate degree programs approved by the Authority.

University offer admission to all eligible candidates, notwithstanding their gender, religion, race, creed, color or domicile provided if they academically qualify for admission to the courses of study offered.

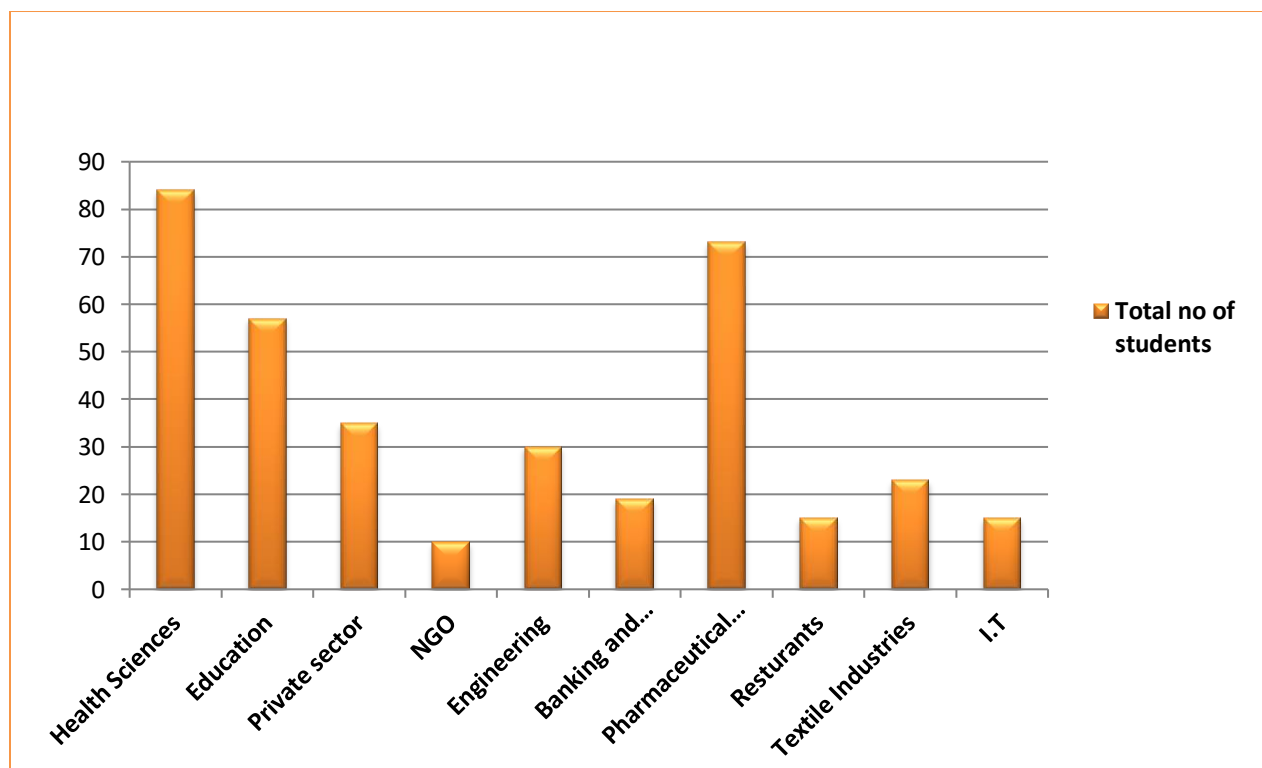
Gender-wise Detail of Students' Enrollment

The University of Faisalabad	Students' Detail		
	Fall 2020	Spring 2021	Fall 2021
Female	3761	3681	5674
Male	1603	1506	1771



4.3 Representation of TUF Alumni in Different Sectors

TUF Alumni are working in different sectors including health sciences, education, NGOs, Engineering and construction sectors, banking and finance, pharmaceutical industry, restaurant, IT and textile industries. Graduates of TUF have always been encouraged to have a responsibility back to their alma mater, not just as individual mentors, but also in bringing their business into the fold. Ideally, this would feature not only presence at open days, seminars and panel events, but also practically one-to-one or small group mentoring and involving their own employers in engaging with students.



Representation of TUF Alumni in Different Sectors

4.4 Student Financial Assistance

University has been generous in providing financial assistance to Students. The break up of financial assistance under the reporting period is as under:

Discipline	FALL-2020			
	Total No. of Students	Students Availing Concession	%age of students Availing Concession	Concession Amount
Medicine & Allied Health Sciences	3,399	1,201	35 %	46,849,080/-
Engineering & Technology	779	539	69 %	20,664,321/-
Management & Social Sciences	1,129	592	52 %	19,328,294/-
Grand Total				86,841,695/-

Discipline	SPRING-2021			
	Total No of Students	Students Availing Concession	% age of students availing Concession	Concession Amount
Medicine & Allied Health Sciences	3,280	1,152	35 %	43,906,599/-
Engineering & Technology	755	530	70 %	19,170,703/-
Management & Social Sciences	1,014	592	58 %	17,580,944/-
Grand Total				80,658,246/-

Discipline	Fall -2021			
	Total No of Students	Students Availing Concession	% age of students availing Concession	Concession Amount
Medicine & Allied Health Sciences	3,746	1,045	29%	42,254,733/-
Engineering & Technology	310	233	75%	7,598,796/-
Management & Social Sciences	683	289	42%	8,767,006/-
Information Technology	486	211	43%	9,403,081/-
Grand Total				68,023,616/-

CHAPTER 5. BUILDING COMMUNITIES

University–Community Building and Interaction is a field of practices directed toward the creation or enhancement of community among individuals within a regional area (such as a neighborhood) or with a common interest. It is covered under the field of community development and in order to induce such qualities among university students.

A wide variety of practices can be utilized for community building and interaction. The University of Faisalabad has carried out following activities during the reporting period:

5.1 Nutritious Green at TUF

An initiative towards a cleaner, greener, and healthier Pakistan by Promoting organic gardening and planting seeds in the University premises. The seeds planted will include moringa, stevia, lemon, mango, and other herbs. Let's all hold hands to restore life quality in your community.

5.2 World Sight Day

An International Webinar was conducted by Department of Optometry, The University of Faisalabad for World Sight Day on 8th October 2020, titled "Hope for Sight." The webinar was attended by an international audience from world over and different optometry schools in Pakistan. The guest speakers were Prof Dr Asad Aslam Khan (SI), CEO Mayo Hospital, Prof Dr Eric Papas, UNSW Sydney, Australia, Dr James Wolfsohn Pro Vice Chancellor Aston University, UK and Dr Monica Jong from University of Canberra, Australia, Department of Optometry also conducted the first ever 3MT competition of postgraduate students at a national level. A national photography and Tik Tok competition on the theme "Hope in Sight" were also conducted

5.3 Journal Club Session

Research is the most reliable source of authentic knowledge and information. "Journal Club" is the hallmark of the Department of Dermatological Sciences which is intended to keep the students updated on recent scientific research. The Department has been conducting such informative and interactive sessions with students since 2018. Department of Dermatological Sciences conducted another "Journal Club Session" under the supervision of Prof Dr Tanzeela Khalid, HOD on November 18, 2020. Kinza Arif, a student of Dermatological Sciences presented the summary of the research article with the title "Tomorrow's educators... today? Implementing near-peer teaching for medical students. Afterward, there was a discussion session actively participated by the students. They asked questions and also shared their reviews. The practical picture of Peer Assisted Learning was manifested by the formation of mentor-mentee groups of senior students and the fresh entrants.

5.4. Registration Camp

TUF Literary Society organized a registration camp for the new entrants on November 19, 2020. Literary activities of Society aim to enhance the literacy skills of students, to encourage and motivate them for showing their skills. Students showed keen interest and registered themselves as members.

5.5. Free Physical Therapy Camp

In the continuity of its community services, a 3-day Free Physical Therapy Camp was organized by the Department of Physical Therapy at Madinah Teaching Hospital on February 15-17, 2021. Dr Rana Bashir Ahmed, MS, MTH, and Prof Dr Aamir Choudhary Principal UMDC inaugurated the rehab activities for the common

people of Faisalabad and surrounding areas. They appreciated the efforts of Dr Nazia Sarfraz, Head Department of Physical Therapy, and her team for arranging this camp. A team of expert Physical Therapists from the Department of Rehabilitation Sciences, TUF, and the Department of Physical Therapy, MTH actively supported by Physical Therapy students of TUF gave free physiotherapy treatment to the patients. Medications and various tests facilities were also provided free of cost. More than 550 patients were examined and treated. The camp was a great success and the patients were satisfied with the assessment and treatment they received. SOP for COVID-19 were strictly followed while examining and treating the patients.

5.6 World Pharmacists Day

Department of Pharmacy, TUF organized a seminar to mark "World Pharmacists Day" on 25th September in Health Sciences wing. Dr Ahmad Nawaz, Chief Pharmacist, Children Hospital Faisalabad was the Chief Guest. Dr Asra Iftikhar, Head Department of Pharmacy in her welcome note briefed the audience about objectives of the seminar. Dr Ahmad Nawaz in his address to young pharmacists said "While observing this day, we aim to show how pharmacists contribute to a world where everyone benefits from access to safe, effective, quality and affordable medicines and health technologies". Dr Ahmad Nawaz also acknowledged the efforts of department of Pharmacy for following all SOPs during the event. Prof Dr Muhammad Saeed, Pro Rector (Health Sciences), delivered talk on the role of pharmacists during the global pandemic COVID-19 and cherished their efforts. Coordinator of Department, Dr Sana Shahzad vocalized about the pharmacist, being the backbone of health care system. Durr-e-Shehwar, Student of Pharm-D spoke on the theme of the day "Transforming Global Health".

5.7 World Food Day

A seminar on World Food Day was organized by Department of Nutrition and Dietetics the University of Faisalabad on October 16, 2020. The theme of world food Day 2020 is growing "nourish, sustain, together". Guest speaker Dr Madiha Ilyas Assistant professor GC Women University Faisalabad talked about the theme of event. she said that "Food is fundamental need of every human being and the basic point is to end world's hunger". She emphasized on adopting different strategies like kitchen gardening and home gardening to combat these deficiencies at community level.

5.8 World Osteoporosis Day

Department of Rehabilitation Sciences and Rehabilitation Society, TUF jointly organized awareness seminar to mark "World Osteoporosis Day" in Health Sciences wing on October 20, 2020. Guest Speaker, Prof Dr Kaleem Shoukat, Head Department of Orthopedic, Madinah Teaching Hospital in his address to the students gave awareness about osteoporosis. Members of Rehabilitation Society performed skit about importance of women health. Other creative activities and competitions were also conducted to mark the day and winners were awarded with prizes. Members of Rehabilitation Society also presented face masks to patients and staff in MTH. Later, Prof Dr Kaleem Shoukat led an awareness walk on Osteoporosis.

5.9 World Psoriasis Day

The Department of Dermatology & Society for Skin Care organized a seminar to mark "World Psoriasis Day" as an annual dedication to people with psoriasis under the slogan "Be Informed". Prof Dr Tanzeela Khalid; Head, Department of Dermatology, Dr Rabia Mahmood, Coordinator of Department, Ms Rabia Yousaf and other esteemed faculty members graced the occasion. A session was arranged for the students to the linguistics and techniques of history taking that was held in Madinah Teaching Hospital where the students also practiced clinical photography on Psoriasis patients. Dr Lubna Rafiq gave "Awareness Session" about psoriasis. The focus areas included:

- a) Empowerment: explaining the need for information for positive change.
- b) Journey: highlighting the major events in the history of psoriasis advocacy
- c) Resources: pointing our stakeholders towards reliable and useful tools they can use to be informed. In the concluding session certificates were awarded to the students.



5.10 International Day of Radiology

Department of Radiology, TUF organized a seminar on 'Trauma Radiology' to mark International Day of Radiology on November 7, 2020. Prof Dr Nayab Alia, HoD, in her welcome address expressed that Department of Radiology at Madinah Teaching Hospital is providing signposting imaging to the patients of all age groups from newborn to geriatrics, in patients as well as ambulatory patients. Our department is the center of excellence for imaging services. The guest speaker, Dr Mariam Mukhtar, Registrar Radiology Department, MTH in her address to the participants discussed the Trauma RAD experiences and analyzed the incidence and measures etc.



Participants of seminar on 'Trauma Radiology'

5.11 World Diabetes Day

Diabetes has attained the status of a global pandemic. Pakistan has 27.4 million new cases this year. Department of Dietetics & Nutrition, The University of Faisalabad observed World Diabetes day 2020 by organizing different activities. The theme for this year was, 'Nurses make the difference'. Nutritional awareness and counseling camp was organized for promoting knowledge-based on prevention and dietary treatment of Diabetes. DrUswa Ahmad, Head of Department formally initiated a diabetes awareness camp.



Students in Diabetes Awareness camp

5.12 Women's Day

International Women's day on 8th March, is a time to reflect on progress made, to call for change and to celebrate acts of courage and determination by women who have played an extraordinary role in the history of their countries and communities. In Health Sciences wing, TUFians celebrated the day on this year's theme; "Choose to Challenge". Prof Dr Robina Farooq, Vice Chancellor, Government College Women University Faisalabad was the chief guest. In her address Dr Robina Farooq threw light on the role and importance of women for the progress of a nation. She told that female students are showing marvelous academic results but after completing their education, not taking part in professional life. Dr Robina emphasized on female students to devote themselves to their studies and come forward in practical life to play their role more efficiently for the progress of their motherland. MsZahida Maqbool, Additional Registrar and President Women Foundation along with other faculty members, staff and large number of students were present to celebrate the day organized by department of English and TUF Dramatic Society. Women's day was also observed in TUF Engineering wing. Mr. Muhammad Shaukat Hayat Khan, Campus Director, Mr. Muhammad Zubair, Deputy Registrar and others shared their views to mark the day. Students presented tableaux, documentaries, delivered speeches, displayed posters and organized an awareness walk to sensitize the audience about odds and obstacles women have to face in the society. The message of women's rights was marvelously depicted by the commendable activities of TUFians. The International Women's Day event presented by TUF Music Art & Culture Society. Where the institute acknowledged and showed appreciation to our women of TUF including all the lower staff the employees and most importantly our students, because their whole career building is in our great hands, As we knew that there were many new students, employees this year, and it would be a good chance for everyone to get to know each other and stand together and feel pride in being a proud TUFian.



5.13 World Cancer Day

World cancer day is the occasion to unite the world in the fight against the disease through raising awareness, educating the public, and lobbying for change. It is led by the Union for International Cancer Control, a global consortium of more than 470 cancer-fighting organizations in over 120 countries. It is only by every person, organization, and government, individually doing their part, that the world will be able to reduce the global cancer burden. Department of Pathology, UMDc organized a CME activity and conducted slide session on tumors of skin. Dr Shazia Aslam, Head of Pathology department shared the facts and figures in concern of world cancer day 2021. Faculty members and staff from department of Dermatology, Madinah Teaching Hospital

(MTH), and departments of Pathology and Forensic Medicine from UMDC actively participated in slide session. Prof Dr Shazia Aslam.

5.15 Mass Marriage Program

Madinah Foundation organized mass marriage for 40 couples in engineering wing of The University of Faisalabad on February 26, 2021. Renowned religious scholars Sahibzada Raza ul Mustafa Noori and Qari Niaz Ahmad offered Khutba Nikah, QaseedaBurda Sharif and Qaseeda Ghost. They prayed for newly wedded couples. The marriage expenditure of 40 orphan and deserving girls from Faisalabad and surrounding areas was borne by Madinah Foundation. The couples were given dowry and more than 1500 guests were served lunch. Administration and Students of the University participated enthusiastically in the arrangements of the event. Special gifts from the University management were also presented to the brides. The guests appreciated the services of Madinah Foundation and TUF for this noble cause.



5.16 Program on Shan-e-Rehmat-ul-Aalmeen (SAW)

As per the directives of Government of Punjab, Department of Arabic and Islamic Studies, The University of Faisalabad organized a special program on “Shan-e-Rehmat-ul-Aalmeen (SAW)” in Health Science wing on November 18, 2020. It aimed to illustrate the glorious character of our beloved Holy Prophet Hazrat Muhammad (SAW). After the recitation of the Holy Quran, students offered Naat-e-Rasool Maqbool (SAW) and Darood-o-Salam. Participants expressed their immense love and deep affection for the beloved Holy Prophet Muhammad (SAW) and renewed their pledge to truly follow ‘Seerat-un-Nabi (SAW)’. Program culminated with Droad-o-Salam and an overwhelming ‘Dua’ by Ms Ayesha Batool.



Ms Ayesha Batool with others participants offering Droad o Salam in Mehfil Milad

5.17 Mehfil-e-Milad (SAW)

As per the directives of Chief Minister of Punjab, The University of Faisalabad and University Cambridge School organized a program on “Shan-e-Rehmat-ul-Aalmeen (SAW)” in new Auditorium of TUF, Health Science wing on November 21, 2020. After recitation of the Holy Quran, students offered Naat-e-Rasool Maqbool (SAW), Darood-o-Salam and Manaqib-e-Hi-e-Bait (AS). Participants expressed their immense love and deep affection for beloved Holy Prophet Muhammad (SAW) and renewed their pledge to truly follow ‘Seerat-un-Nabi (SAW)’.



5.18 Program on Seerat of Hazrat Ghaos-e-Azam

A program on the “Seerat of Hazrat Ghaos-e-Azam Abdul Qadir Jilani (Razi Allah Taala Anho)” was organized by Department of Arabic and Islamic Studies in Health Sciences wing, TUF. After recitation of the Holy Quran, Naat-e-Rasool Maqbool (SAW) was offered. Ms Ayesha Batool and other participants offered Darood-o-Salam, Qaseeda Ghaosia and Manaqib-e-Hi-e-Bait (Alaehimus-Salam). In her address, Ms Ayesha Batool threw light on the life, character and teachings of Hazrat Ghaos-e-Azam (RA). She stressed upon the audience to follow the teachings of Hazrat Abdul Qadir.



Ms Ayesha Batool with others participants offering Qaseeda Ghaos-e-Azam (RA)

5.2. Student Counseling and Career Guidance

TUF is fully committed to facilitate the students in providing guidance regarding their personal and professional development through a confidential professional counseling service. Students Counselor Office helps the students in determining their strength and weaknesses and identifying aptitudes, thereby helping them to make the right career choice and overcome academic deficiencies. The center acts as conduit between TUF students and relevant stake holders for well judged career decisions through awareness about requirement of the market which enable them in finding better positions.

Following services in terms of counseling and career guidance are provided to the students of TUF.

S.No	Category	Total No. of students		
		Fall 2020	Spring 2021	Fall 2021
01	Academic Counseling	121	175	241
02	Career Counseling	153	162	176
03	General Facilitation	162	174	186
04	Guidance for Scholarship/Financial Assistance	175	182	192
05	Facilitation for participation in intra/inter University events	188	192	198
Total numbers of students availed the facility of counseling/guidance		799	885	1093

5.3 Placement Bureau

Placement Bureau is an integral part of TUF. It functions to ensure the best placements for the students graduating from The University of Faisalabad. Spearheaded by able professionals with guidance from the higher management and Faculty members, it works round the year and closely coordinates with recruiting teams from leading corporate houses to make sure that every student gets suitable openings once they finish their courses.

It has a perfect understanding of how the corporate world works and this helps in organizing events and programs that provide avenues to the students to get exposed to the real world of work as at present, there is a great demand for knowledgeable, talented and devoted people in the exposition.

It provides assistance to students and ability to think out of the box as it conducts Webinars, Seminars, Workshops, Personality Development Program, Guest Lecturers etc. are regular affairs and the students get ample opportunities to closely interact with professionals from different industries.

Placement Bureau has arranged in-house Trainings, Seminars and has facilitated for internship with corporate organizations so that the students may get a comprehensive industry orientation helpful in polishing their skills before they start their actual careers.

S.No	Category	No. of Events		
		Fall 2020	Spring 2021	Fall 2021
01	Training/Seminars	17	21	27
02	Job Fairs	02	02	04

5.4 Building Leadership

5.4.1 Co-Curricular Activities

The University arranged multiple Co-curricular activities and events during the year 2020 and 2021. The detail is as under:

S. No.	Detail of Activity/Event
1.	Singing Competition
2.	Naat & Qirat Competition
3.	Vision First Competition
4.	Skit Competition
5.	In Skit Competition on Cultural Representation
6.	Poster Display
7.	Documentary on Vision First
8.	Badminton Competition
9.	Virtual Tick Tock Competition on International Webinar on Hope in Sight, World Sight
10.	3 MT Videography on International Webinar on Hope In Sight, World Sight Day
11.	3 Days tour to Swat of MBBS 1st year
12.	3 Days tour to Kaghan Valley arranged by UMDC
13.	Thesis Grad Show 2021 arranged by design & Interior department
14.	Interactive Art Installation Design & Interior department
15.	Intra Department Photography &Painting Competition 2021 Department of Design & Interiors
16.	Table Tennis & Badminton Competition arranged by Chemical Engineering Departments
17.	Football Competition 2021
18.	Sports Gala 2021
19.	Sports events in TechHawks (Chess, Table Tennis etc.)
20.	Kamyab Jawan Sports gala
21.	Hostel Sports tournament
22.	Obesity Awareness Camps
23.	English Literature and Linguistics Exhibition
24.	2 Days tour to Malam Jabba of Dermal Sciences Students
25.	Recreational tour to Patriata and Monal of DPT Students
26.	Thesis Grad Show 2021
27.	Furniture Design Exhibition
28.	Alumni Art Exhibition
29.	Live Office Design Competition

5.4.2 Study Visits:

During the year 2020 and 2021, the different Departments of the University arranged multiple study tours for students. The detail is as under:

S. No.	Detail of Study Tour
1.	Educational visit to Gutwala Commercial Hub arranged by Civil Engineering Department
2.	Study visit to NIHby 3 rd and 7 th semesters' students of Nutrition and Dietetics Department
3.	Study visit to Shifa International Hospital by 9 th Semesters' students of Nutrition and Dietetics Department
4.	Study visit to Sheezan Factory by 5 th semesters' students of Nutrition and Dietetics Department
5.	Study visit of Sadaqat Textile Ltd, Faisalabad arranged by BIC
6.	Student outreach programs are executed on monthly basis to different dispensaries by Department of Dermal Sciences
7.	Educational tour to Shifa International Hospital Islamabad of DPT students
8.	Study visit of Rural Health Center by School of Nursing
9.	Study visit of National Special Education Center by School of Nursing

10.	Study visit of Family Planning Centre Allied Hospital Faisalabad by School of Nursing
11.	Study visit of Leprosy Centre Faisalabad by School of Nursing
12.	Study visit of Marhaba Tiles and Sanitary ware showroom by students of Interior Design
13.	Historical Heritage Conservation & Architectural History Visit to Hunza, Gilgit-Baltistan by the students of Interior Design
14.	Study visit to Anesthesia Department, Allied Hospital Faisalabad by students of Professional Health Technologies
15.	Study visit to National Institute of Health (NIH), Islamabad by the students of Professional Health Technologies
16.	Study visit to NIH Islamabad by the students of Pathology Department
17.	Study visit to Ali Fatima Hospital, Lahore by students of Pathology department

5.4.3 Awards

Details	Achieved by
Intra-University Competition Awards	
2 nd Position in E-fest by Junoon Pakistan	Ifrah Batool
2 nd position in Ocular DD talks competitions by Eye health care channel	Sana Naseem
3 rd position in Ocular DD talks competitions by Eye health care channel	Maryam Muhammad Nadeem
1 st in Inter school Bilingual Declamation contest in celebration of Anti-corruption 2018	SibghaKashif
2nd position in agriculture university in handball match	Team OD
E-gaming PuB G 1st position	M. Umer
1st position in Arm wrestling, Lead techhawks team Electrical Engineering Department	Umair Ali
Participate in LUDO and taken 2nd position	Moiz Hussain
Taking part in Techhawks cricket team and taken 3rd position	Saif-ur-rehman
Scholarship holder 5th semester	M. Fiaz
Won "Creative Ink Poetry Competition	Aanish Khalid
Won startup competition 2021 regional nomination and getting distinction in Round II	Areej Abid
Single badminton competition	Civil Engineering Team
Single badminton competition	Engineering and Technology Team
Anticorruption Week Poster Painting Competition	Kizra Ejaz
Anticorruption Week 1 st position in 'Essay Writing Competition'	Aanish Khalid
Anticorruption Week 1 st position in Debate Competition	Malaika Akram
Anticorruption Week 3 rd position in Debate Competition	Aanish Khalid
4th Position Intra-University Debate Competition	
1 st position in Urdu debate and 2 nd position in calligraphy 1 st position in essay writing	Amna Mehak Hasnat
3 rd position in photography competition	Rameen Ahmed
Award of event organizing on photography competition and medical projects exhibition	Rimsha Shahzad
1st position in Essay writing Competition	Faiza Tariq
Inter-University Competition Award	
Students of OD 10th semester won 1st prize in the research poster competition in undergraduate medical research conference 2020, Peshawar medical college, Peshawar:	Students of OD 10th semester

CHAPTER 6. STRENGTHENING PHYSICAL INFRASTRUCTURE

The University of Faisalabad over the past year has excelled in developing physical infrastructure for the progression of academic pursuance within its campuses. The university has expanded in its length & breadth by addition of state-of-the-art facilities and has emerged as a leading comprehensive university in terms of infrastructure development. Few of these salient features are mentioned below:

6.1 New Auditorium:

An exclusive auditorium of seating capacity 600 is recently developed in the university premises called Ali Auditorium. The space is utilized to hold eminent events & functions such as Convocation Ceremonies, Workshops, and Seminars etc.

6.2 Library Extension

The library has been extended to add another 3000 sqft of space in the existing library, which has the capacity to house more than 50,000 books along with ample reading space for the students on both floors.



6.3 Gymnasium

In order to promote healthy life style, The University of Faisalabad offers a number of sports activities for its students and employees, which are facilitated with sports grounds & exclusive gymnasiums. For improving muscles strength and reducing chances of developing several types of diseases, TUF provides training instructors to its students as well under whose supervision, gymnasium is operated.



6.4 Classrooms

A completely new academic block has been constructed with 6 lecture rooms of capacity 120 students each, to accommodate the growing strength of students. The classrooms are equipped with apt facilities for smooth conduction of classes.



6.5 Extension & Renovation of Campus – Canal Avenue

The canal campus has been recently renovated, giving it a new dynamic identity and creating an exclusive learning environment for the students. A building block of 7500 sqft, 8 storeys high is newly constructed to facilitate inventive programs, laboratories & business incubation center.



Auditorium of 285 seating capacity recently re-designed.



Developing new building block 8 storeys & Re-Designing existing building with a transformed identity.



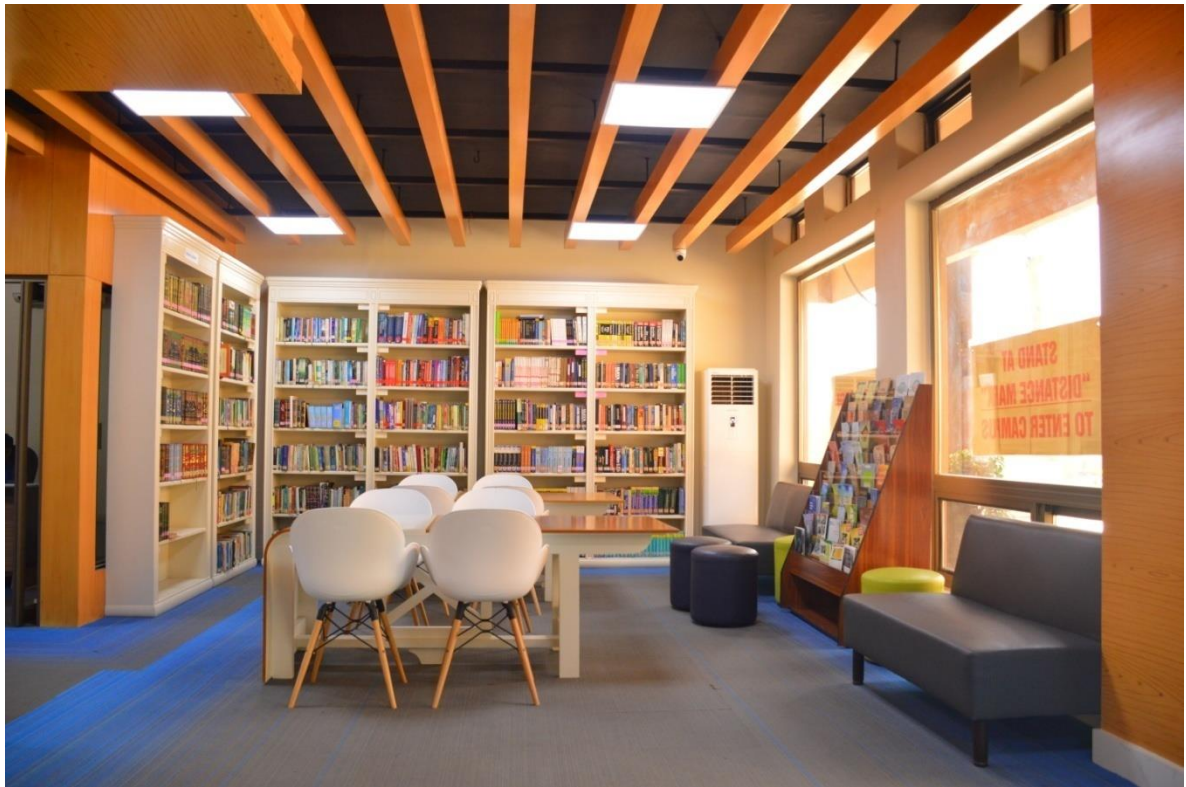
Classrooms refurbished with suitable infrastructure.



Newly developed conference room to facilitate all academic collaborative ventures.



State of the art IT – Laboratories equipped with updated digital facilities.



Newly developed & furnished Library creating a tangible reading & research environment for students.





Sports Grounds & Gymnasium



CHAPTER 7. STRENGTHENING TECHNOLOGICAL INFRASTRUCTURE

The University of Faisalabad has a network of small and big libraries on its campuses to promote the reading culture and provide access to information on diverse academic disciplines. The TUF libraries provide access to thousands of books, journals, Newspapers and other resources in Hybrid environment. The computers with Internet & Wi-Fi connections are available for the use by TUF students & faculty for study and research.

The library is also providing access to thousands online full text journals, conferencing proceedings and articles through different online databases under the **HEC Digital Library** Program. Students and faculty can access these resources from inside the campus through IP address.

7.1 Digital Library

The University of Faisalabad Library is providing access to more than 58,000 high quality, peer-reviewed journals, databases, and articles through HEC's Digital Library Programme. In addition to this thousands of E-books on different subject are also available. Students and faculty can access these resources.

7.1.1 Use of Digital Library

E-Databases (Articles)	2020	2021
Pro Quest	899,197	984,653
Springer	3,664	3,754
Taylor & Francis	4,429,000	4,660,000
Wiley-Blackwell	2,647	2,727
Free Medical Journals	47	47

7.2 E-Library

The e-books support program will allow researchers to access most of the important text and reference books electronically in a variety of subject areas. Around 142,000 number of electronic contents has been made available through the Digital Library Program. E-library offers a wide variety of multidisciplinary content. It acquires large number of titles from leading academic publishers.

7.2.1 Use of E-Library for Books

E-Books	2020	2021
TUF-E-Library (E-Books)	2,500	3,000
Springer E-Books	272,292	288,401
Wiley-Blackwell	22,000	22,000
Taylor & Francis	14,000	16,922

7.3 Pakistan Education and Research Network (PERN)

The Pakistan Education and Research Network (PERN) connect universities and research institutes through high-speed Internet bandwidth. The main purpose of this network is to facilitate researchers/students in sharing data and to coordinate with each other through video conferencing.

The PERN2 is focused on understanding national research and education technological requirements and offering services that meet their specific needs.

7.3.1 PERN Services

TUF is currently using the below services for delivering seamless network performance:

- a) Internet Services (Fastest Access to Information)
- b) National Digital Library
- c) Video/ VoIP

7.4 TUF has enhanced following technological infrastructure as per the international standards

- HMIS for Madinah Teaching Hospital
- Firewall deployment for all premises
- Network structure upgraded
- Up-gradation of ERP data bases structure
- Up-gradation of ERP application interfaces
- Development of APEX Server for Management Dash Board
- Added SMS and email Service
- Integration with banks and payment channels
- Online Admission portal

CHAPTER 8. FINANCES

8.1 Financial Year at a Glance

As The University of Faisalabad has consolidated its infrastructure and has expanded its campuses. Capital is invested in land and equipment, etc. The noncurrent assets worth Rs.**231,842,861** have been increased during year 2020-2021.

8.2 Audit Report

Statutory audit of financial statements of Madinah Foundation up to year ended June 30, 2021 has been completed. As per audit report, financial statements presented fairly in all material respects and give a true & fair view of the statement of financial position, income & expenditure accounts, cash flow statement and statements of charges in fund account of Madinah Foundation for the year ended June 30, 2021 in accordance with guidelines of accounting and financial reporting for non-profit organizations.

8.3 Development Budget

For the year 2021-2022, development budget of Rs.**418.5** million was allocated by the Board of Governors. Any deficit amount will be contributed by Madinah Foundation.

8.4 Self-generated Income

The main source of self-generated income for The University of Faisalabad is the fees charged from the students. During the reporting period, the budget of self-generated income is Rs.**520** million.

8.5 Student Spending Trend

During the reporting period, per student spending was Rs.**0.422** million.

CHAPTER 9. UNIVERSITY GOVERNANCE

9.1 Board of Governors

TUF Board of Governors is the statutory body of the University, which is chaired by the Chairman Board of Governors who is also the Chairman of Madinah Foundation; a sponsoring body of The University of Faisalabad. The Board is responsible for governance/general supervision and control of the affairs including laying down broad policies of the University.

9.2 Academic Council

The Academic Council lay down the academic policies decides on the syllabi and curricula of various courses at the university to ensure excellence in academics.

Five meeting of Academic Council were held during the reporting period as under:

Meetings	Date of Meeting
Online Academic Council	February 26, 2020
Academic Council	July 10, 2020, January 26, 2021 June 17, 2021 December 14, 2021
Board of Advanced Studies and Research	July 8, 2020 June 7, 2021 September 29, 2021

9.3 Advance Studies and Research

The Board of Advance Studies deals with the matters connected with the promotion of advance studies and research i.e propose regulations award of research degrees, approval of research topics and appointment of supervisors of MS/MPhil and PhD students, approval of internal and external examiners for evaluation of PhD thesis and conduct of viva voce etc. The meetings of BASR held the in reporting period are as under:

Meetings	Date of Meeting
Board of Advanced Studies and Research	July 8, 2020 June 7, 2021 September 29, 2021

9.4 Board of Studies

The meetings' detail of Board of Studies of various Departments under the respective faculties held during the reporting period is as under:

Name of Department	Date of Meeting
Pathology	June 22, 2020 & April 6, 2021
Radiology	June 22, 2020 & April 5, 2021
Professional Health Technology	June 22, 2020 & April 7, 2021
Civil Engineering	June 22, 2020 & April 7, 2021
Chemical Engineering	June 22, 2020 & April 6, 2021
Nursing	June 22, 2020 & April 8, 2021
Dermatological Sciences	June 23, 2020 & April 9, 2021
Arabic & Islamic Sciences	June 23, 2020 & April 13, 2021
Computational Sciences	June 23, 2020 & April 10, 2021
Nutrition and Dietetics	June 23, 2020 & April 13, 2021
Rehabilitation Sciences	June 23, 2020 & April 10, 2021

Optometry	June 23, 2020 & April 12, 2021
Electrical Engineering	June 23, 2020 & April 8, 2021
Engineering Technology	June 23, 2020 & April 9, 2021
Pharmacy	June 24, 2020 & April 5, 2021
Interior Design	June 24, 2020 & April 5, 2021
English Language & Literature	June 24, 2020 & April 6, 2021
Management Studies	June 29, 2020 & April 12, 2021

9.6 Board of Faculties

The meetings' detail of Board of Faculties of various Departments under the respective faculties held during the reporting period is given below:

Name of Faculty	Date of Meeting
Faculty of Allied Health Sciences	June 29, 2020 & May 24, 2021
Faculty of Pharmaceutical Sciences	June 30, 2020 & May 25, 2021
Faculty of Arts and Social Sciences	June 30, 2020&May 26, 2021
Faculty of Information Technology	June 29, 2020&May 25, 2021
Faculty of Management Studies	July 6, 2020&May 26, 2021
Faculty of Engineering and Technology	June 29, 2020&May 24, 2021

CHAPTER 10. MEDICAL AND OTHER FACILITIES

FACILITIES



ISLAMIC GALLERY

An artistic Islamic Gallery which is a source of spiritual elevation has been established in the library of the University. The Gallery has a rich collection of rare relics, e.g. Naqsh of Naalain-e-Mubarak of Prophet Hazrat Muhammad SAW (made of pure gold), letters sent by the Holy Prophet (SAW) to different kings, various calligraphic paintings, large sized hand written Quran with pure silver jacket, a piece of carpet from RIAZ UL JANNAH, rare Islamic books and sayings of Hazrat Ali Karram Allah Wajhahu, and many more relics related to Islamic history, which makes it worth visiting.

AUDITORIA

Four well furnished centrally air conditioned auditoria occupy central place in the University. These having a seating capacity of upto 600 are a venue for conferences, seminars, declamation contests, lectures and other functions. These auditoria are equipped with latest multimedia, overhead projectors and sound systems.





CONFERENCE ROOMS

Three decently furnished state-of-the-art conference rooms having seating capacity of more than 40 persons each with inbuilt sound system are available in the University for Board/Faculty meetings and for organizing training programs, seminars, and workshops with a smaller number of participants.



BANK

Branches of Habib Metropolitan Bank and Muslim Commercial Bank are opened for facilitating the students and employees of the University in making financial transactions. ATM machines are also installed in the University.

TRANSPORT

The university has out-source transport to facilitate students in their pick and drop from and to the University.



HOSTELS

All hostels are having furnished rooms to accommodate more than 1600 students. These provide a number of facilities including TV lounges, common rooms, study rooms, Wi-Fi, prayer rooms and kitchens. All students residing in the hostel are expected to conform to rules and regulations framed from time to time.



COMMON ROOMS

In order to facilitate our female students, spacious and comfortable common rooms are available. Female students can relax, study and have informal discussions in available free time. Daily newspapers, magazines, journals, and periodicals are placed there for leisure reading.

CAFETERIA

A food catering service having a wide range of quality snacks and meals at modest prices is available throughout the day.



SECURITY

CCTV cameras with night vision features have been installed in the University to ensure full security from all entry points to various sections of the university including teaching and administrative departments. The height of surrounding wall has been increased. Walk-through gates, metal detectors, turnstyle and reflection mirrors have also been installed to have fool proof security arrangements.



LIFE AT THE UNIVERSITY OF FAISALABAD

The University emphasizes on developing and grooming personalities of its students. A number of lectures, seminars, workshops, symposia, debates, declamation contests, awareness walks, literary programs, poster competitions, photography and quiz competitions are held regularly by subject societies.

SPORTS

Sports activities are carried out on national and regional levels under the guidance of the Directorate of Sports. Accordingly, facilities for basketball, football, hockey, cricket, table tennis and badminton are available.

STUDENTS' SOCIETIES

In order to promote the students' involvement in activities being held in the university and to provide them the platform to demonstrate their talent, following societies are run by the students:

- Religious Society
- Literary Society
- Cultural Society
- Community Services Society
- Dramatic Society
- Musical Society
- Art Society
- Publication Society
- Sports Society
- Blood Donors Society
- Photography Society
- Adventure Society
- Student Welfare Society
- Character Building Society
- Rehabilitation Society
- Hepatitis Awareness Society

Faculty members supervise these societies and provide guidance to facilitate implementation of decisions that require interaction with the university administration. Students are encouraged to interact with faculty pertaining to academic affairs and co-curricular activities.





Day Care Facility:

To ensure women's inclusion in the workforce and higher education, TUF has taken significant measures to facilitate working mothers and women pursuing higher education. A dedicated daycare facility for TUF employees, along with an on-campus school for kids has been established at TUF.

**Parlor Facility for students:**

Facility of a well furnished parlor has been provided within in the campus to facilitate the female students particularly hostelized students.



Madinah Teaching Hospital (MTH) is a General Hospital with 600 beds, attached to the University Medical and Dental College (UMDC), and The University of Faisalabad (TUF), was established 33 years back with vision of commitment, service and quality healthcare delivery to underprivileged cross section area of our society.

MTH is recognized and approved by Pakistan Medical and Dental Council (PMDC), University of Health Sciences (UHS), College of Physician and Surgeons Pakistan (CPSP) and Pakistan Nursing Council (PNC) as a teaching hospital for Graduates and Post Graduate programs. Hospital is licensed by Punjab Healthcare Commission (PHC). Dedicated team of qualified and experienced doctors, nurses and paramedics are working round the clock to fulfill its mission towards continuous delivery of services and healthcare facilities among the ailing humanity. Being teaching hospital, it is providing state-of-the-art teaching facilities and infrastructure to the students of MBBS, BDS, PharmD, Physical Therapy, Optometry, Dietetics and Nutritional Sciences, Medical Imaging Sciences, Medical Lab Sciences, Dermal Sciences and Nursing Programs.

The hospital is fully equipped with modern and latest treatment/diagnostic facilities and providing all services free of cost e.g Corneal Grafting, Total Hip Replacement, Angiography, Angioplasty MRI, CT and Hep B & C treatment. An average OPD is 2000 patients with 120 admissions and 80 Operation per day.

MTH has been awarded the 'Corporate Social Responsibility Award' in 2015, 2017, 2018, 2019 and 2021. MTH is also the part of Pakistan's largest research project on COVID-19 "Pakistan. Randomized and Observational Trial to Evaluate Coronavirus Treatment (PROTECT)".



The detail of OPD and other procedures in Madinah Teaching Hospital during the reporting period is given below

For the period of Jul 2020 to Dec 2020

Description	Total
OPD	127705
IPDs	7460
Operations	4537
Lab Tests	130270
Dialysis	7289

For the period of Jan 2021 to Dec 2021

Description	Total
OPD	251268
IPDs	14166
Operations	9118
Lab Tests	236406
Dialysis	12937

Electromedical Equipment Procure

UPS for MRI	29000 USD
Duodenoscope	31500 SGD
Slit Lamps	15500 USD
Arthroscope	25000 USD
Arthroscopic Instruments	17000 Euro
Gastroscope	30000 SGD

400 Bedded Hospital building is under construction adjacent to exiting building.
