Textile Institute of Pakistan

30 YEARS & BEYOND

PROSPECTUS 2026









CONTENT

Vision Statement 04
Mission Statement 05
Message From the Chancellor 06
President's Message 07

Introduction 09
TIP Learning & Innovation Hub (LIH) 12
Board of Governors, TIP 13
Board of Governors, NTF 14
Academic Council 15

Facilities 16
Campus Facilities 17
Career Guidance & Placement Office 22
Job Fairs 23
Degree Show 2025 24
TIP – In Perspective 25
Alumni Engagements 30
Weaving a Better Future - Partnerships 32
International Study Trips 33

Programs & Curriculum 37
BS Textile Science (TS) 38
BS Textile Design Technology (TDT) 41
BBA Textile Management & Marketing (TMM) 43
BBA Apparel Manufacturing & Merchandizing (AMM) 45
BBA Fashion Design Management (FDM) 47

Quality Enhancing Cell (QEC) 49

Faculty 50
Permanent Faculty 52
Visiting Faculty 54

Course Descriptions 58
Science 57
Textiles 59
Textile Design 62
Textile Management & Marketing 67
Apparel 71
Fashion Design 73
General Courses 76

Admissions Information 78
Entry Requirements 79
Financial Assistance and Scholarships 81

Academic Rules & Regulations 83
Grading System 84

VISION STATEMENT

TIP, an internationally recognized educational institution, providing open, free and challenging environment for research-based learning, to develop stakeholders-preferred human resources, with creative and well rounded personalities, for the management and enhancement of Socio-Economic Value Addition.

MISSION STATEMENT

To provide state of the art academic facilities, infrastructure for both education and train- ing of students, to facilitate them in competing internationally and to inculcate the habit of preserving the environment by supplementing their efforts and energies in areas of social responsibility and by becoming law abiding citizens.

Furthermore, the institute undertakes the responsibility of instilling the sense of owner- ship, respect of superiors, helping the downtrodden and less privileged members of the society with a clear focus on work ethics and character building by producing valuable human capital to deliver assignments and create value in textile sector through honing their entrepreneurial skills and effective decision making capabilities.

MESSAGE FROM THE CHANCELLOR



"Innovation and education are the threads that shape the future."

The Textile Institute of Pakistan (TIP) was established to support and strengthen Pakistan's textile industry, which is the backbone of our economy. This sector continues to play a vital role in national development, contributing significantly to exports, employment, and the overall prosperity of our country.

Since its inception, TIP has served as a bridge between academia and industry, nurturing talent, promoting research, and providing well educated manpower ensuring that Pakistan's textile sector continues to grow and thrive in a changing global environment.

Whilst the TIP programs in Textile Science, Textile Design, Textile Management & Marketing disciplines are designed to cater to the textile sector the teaching which combines creativity with technology and theory with practice, prepares graduates to work in many different jobs both in Pakistan and overseas. Entrepreneurship is also a growing area of focus for our graduates.

At TIP, our academic approach focuses on:

- Personalized learning and close mentorship;
- A balance of theory, technology, and creativity;
- A nurturing environment that promotes innovation and confidence.

Though our student body is small, this is our greatest strength. It empowers us to nurture every student's unique talent and help them grow into their fullest potential. Our 55-acre campus in Bin Qasim Town provides world-class facilities including modern laboratories, design studios, and production units. Students from across the country reside in our hostels and find TIP to be a welcoming and inspiring environment where they can learn, grow, and realize their potential.

As we celebrate over 30 years of excellence, TIP is now entering a new era focused on innovation, research, and diversification. While continuing to serve the textile industry, we also aim to expand into new areas such as technology, sustainability, and entrepreneurship.

I am proud of our journey and excited about the future. TIP is not just an educational institution, it is a community of thinkers, creators, and leaders dedicated to building a brighter and more prosperous Pakistan.

Ms. Nausheen Ahmad

PRESIDENT'S MESSAGE

It gives me immense pleasure to welcome you to the Textile Institute of Pakistan (TIP) – a place where knowledge, creativity, and innovation converge to shape the future of Pakistan's textile and allied industries.

As we enter our 32nd year, this is a moment to reflect on the transformative power of education and the enduring vision that brought TIP to life. Established by a group of pioneering textile industrialists, TIP has grown from a bold idea into Pakistan's first purpose-built textile university, located in the heart of the nation's industrial and economic hub.

Our mission has always been twofold: to strengthen the textile industry and to cultivate individuals who think critically, create boldly, and contribute meaningfully. This milestone reflects the commitment, resilience, and shared vision of our founders, faculty, students, alumni, and industry partners—each of whom has woven their thread into TIP's story of success.

Over three decades, TIP has evolved into a place where minds are nurtured, ideas take shape, and challenges are transformed into opportunities. Today, we stand renewed—guided by a vision to position TIP as a hub of sustainable innovation, interdisciplinary collaboration, and lifelong learning.

The years 2024 and 2025 have been particularly inspiring for our community. We have reignited student engagement and creativity through a series of academic and cultural milestones. Our Degree Shows reconnected academia with industry, bringing together designers, professionals, and mentors as jurors and collaborators. The first-ever Fashion Day, held in May 2025 under the Fashion Design Management program, marked a vibrant new tradition—celebrating design excellence and youthful imagination.



To strengthen academic excellence and professional readiness, TIP has signed MoUs with GIZ, the Pakistan Society for Training and Development (PSTD), and the Institute of Business Management (IoBM). We are also developing collaborative initiatives with IBA Karachi, Habib University, and the Indus Valley School of Art and Architecture (IVS) to promote multidisciplinary learning, research exchange, and innovation-driven partnerships. These alliances are expanding TIP's academic horizons and equipping our students to think beyond boundaries.

Our alumni network remains one of our greatest strengths and sources of pride. Their achievements across Pakistan's textile and apparel landscape continue to define TIP's reputation for excellence. Many of our graduates now serve as educators, mentors, and industry leaders—bridging classroom learning with real-world application. Notably, nearly one-third of our current faculty are TIP alumni, a testament to the enduring spirit of mentorship and leadership within our community.

We are also honored to have Mr. Abid Omar (Class of 2006) join the Board member of both TIP and the National Textile Foundation (NTF). His appointment reflects our Board's commitment to increasing alumni representation and engagement at the highest levels of governance. The Board continues to work toward bringing more alumni into leadership roles, while alumni already play an active role on the Executive Committee and Faculty, ensuring that TIP remains deeply connected to its own legacy and the evolving needs of the industry.

Mr. Omar's initiatives have brought valuable international exposure to TIP, including collaborations with Fleek (UK) on sustainable fashion, Christina Zetterland from the University of Linnaeus (Sweden) on sustainable design practices, and Bianca Seidel, a global expert in eco-conscious production.

Our ties with the textile and apparel industry continue to deepen. TIP students regularly engage in industrial visits, trainings, and certifications at leading organizations such as Alkaram, Gul Ahmed, Soorty Enterprises, YKK, SGS, and Artistic Garments—gaining hands-on exposure to modern manufacturing, quality assurance, and sustainability standards.

Our students' accomplishments continue to bring pride and recognition to the Institute. Final-year Textile Sciences student, Muhammad Sajjad Malik, represented TIP at the URAAN Pakistan YPDC Fellowship 2025—a national initiative under the Ministry of Planning, Development & Special Initiatives—showcasing TIP's growing presence in national innovation forums.

Equally remarkable, our Design Department won First Prize at the Karachi Biennale 2024 (KB24) for their project "Whispers of Palestine: A Mural of Stories Untold." Created by fourteen second-year students, this profound work explored themes of heritage, resilience, and global consciousness—earning national acclaim for creativity and social engagement.

We continue to foster entrepreneurial thinking and cross-departmental collaboration, encouraging student teams to develop industry-sponsored product innovations that have been showcased across cities. These initiatives exemplify how TIP students convert ideas into market-ready, sustainable solutions.

Our academic development remains forward-looking. The launch of short courses, professional certifications, postgraduate diplomas, and the planning of a new city campus mark our commitment to accessible, future-focused education. Sustainability remains at the heart of our philosophy: our programs are increasingly aligned with global transitions toward circular economies, digital eco-passports, and responsible manufacturing.

We are also advancing into technical textiles, smart fabrics, and performance materials—emerging fields that represent the next frontier of industrial innovation in Pakistan.

As we look ahead, our mission remains steadfast: to advance education, research, and innovation that empower our graduates to lead with integrity, creativity, and purpose. Our alumni are living ambassadors they embody excellence and resilience that define TIP's legacy.

With three decades of achievement behind us and an ambitious vision ahead, we move forward with confidence and conviction.

Weaving Success for 30+ Years – and Beyond.

At TIP, you are not merely enrolling in a university—you are joining a proud legacy and a forward-looking community that continues to inspire change and shape the future of Pakistan's textile story.

Dr. Zubair Bandukda

INTRODUCTION

Textiles being Pakistan's largest industrial sector generate the country's highest export earnings of around 58%, providing the bulk of employment (38%) to a largely under-utilized workforce. The high levels of unemployment and underemployment are mainly on account of the low skill levels, low literacy and poor managerial efficiencies of the job market. Recognizing this gap, TIP was founded in 1994 under the aegis of APTMA, to fill the much growing vacuum. The key objective was to provide professional education and training to a new class of young professionals by honing their practical skills in addition to providing the necessary theoretical knowledge.



In order to run TIP independently, APTMA created a trust under the name of National Textile Foundation (NTF). This foundation is the caretaker of TIP and looks after its financial and capital needs. The institute is situated on a purpose built (200,000 sq.ft. covered area) along with a state-of-the-art architectural design by a leading architect on 50 acres of land located on the National Highway, about 40 km from Karachi city. The architectural features of interior and exterior design are in consonance with the climatic and topographical need to soften the harshness of Karachi's physical and social environment. While not being ostentatious, the premises is air-conditioned and fitted with pleasant fixtures, wood work and finishing. The exterior is adorned with beautifully sprawling lawns and an artificial lake complete with related fauna in its natural habitat.

Realizing the importance of this segment to Pakistan's export potential, the Export Promotion Bureau (now Trade Development Authority of Pakistan) has played a significant role in the development of TIP in the shape of generous financial assistance through the EDF (Export Development Fund). The campus houses all requisite facilities as per internationally acceptable standards, such as, an extensive library with individual and group study facilities together with an audio- visual room. The entire campus is WiFi enabled based on dedicated 40 Mbps fibre optic internet connectivity. The computer lab also has a separate CAD lab equipped with specialized software related to the field of textile design, weaving and apparel. The science and textile laboratories, including chemistry, physics, spinning, weaving, knitting, wet-processing, apparel and testing labs, have all been equipped with the specialized machinery for imparting hands-on training to the students.

Computers have also been installed in the hostels to enable hostelites to avail this facility for homework and other assignments. The entire faculty, management, staff and students are transported to and from the campus on TIP's air-conditioned vehicles covering all major parts of Karachi city.

Since its establishment, TIP has served the needs of industry to a large extent and is gearing up its resources to meet its further requirements. So far, all TIP graduates have been taken up by the domestic textile industry with the exception of those who have gone abroad in pursuit of higher education. With an independent charter granted by the Government of Sindh, TIP is authorized to award its own degrees under the recognition of the Higher Education Commission (HEC). TIP's course content and syllabi were developed by faculty at the Clemson University, USA. TIP also has had various higher education links supported by the British Council and with the University of Manchester. This has helped TIP to adopt and upgrade its educational standards according to the changing global industry and market.





At TIP, a student is exposed to an environment where he/she is given the opportunity to actively participate in activities such as public speaking, stage appearances, social and cultural activities, art, music, etc. to help foster well-rounded personalities besides serving as a form of recreation.

In this modern era of rapidly evolving technology, it is imperative for any nation to stay in touch with the latest technological trends. Bearing this in mind, TIP has established Textile Research and Innovation Centre (ORIC) under its wings. This would help Pakistan's textile sector innovate new products and become competitive in the global race. The Vision of TRIC is to foster genuine leading-edge research linking the industry and other institutions within Pakistan and abroad and provide a new dimension to textile education in Pakistan. The initial focus of ORIC is to promote Advanced Materials Research such as technical textiles and nano-technology and to incorporate such research within the existing technological parameters available in the Pakistan's textile sector.

It must be stated in the end, that Pakistan's effort in the industrial sector in the past 60 years had been, at best, haphazard and sporadic. Individual mills may or may not have adopted universal standards and operating practices. Today, with the setting up of a formally structured learning centre at TIP, APTMA has demonstrated its ability to piece together an effort in a concerted way preparing us for the impending global challenges that are anticipated by all of Asia as well as the textile world.

TIP LEARNING & INNOVATION HUB (LIH)

Advancing Skills. Igniting Innovation. Empowering Professionals.

TIP's Trustees identified the need for a central, easily accessible academic and professional hub within Karachi. A location just off Shahrah-e-Faisal has been secured for TIP's Learning & Innovation Hub (LIH)—a major milestone supported through contributions from the Majeed Family Office, Sapphire Group, and Kaizan Paints Ltd. The new facility is expected to be completed by January 2026.

The LIH is envisioned as a vibrant city-based academic center that will:

- Serve as TIP's home for executive education, short courses, and industry-focused certifications.
- Host regular semester classes, especially for programs that benefit from city accessibility.
- Provide a venue for exhibitions, design showcases, cultural activities, and academic collaborations.
- Enable student meetups, consultations, networking events, and conferences.
- Support industry connectivity, incubation, and innovation, creating direct pathways from learning to employment.
- Attract professional trainers, practitioners, and working professionals for evening and weekend programs.



Partnerships, Strategy & Sustainability

A co-branded program on Textile Management & Leadership with IBA's Centre for Executive Education is currently under development—reflecting the collaborative direction of TIP's new 5-year strategy.

BOARD OF GOVERNORS

Patron
Governor of Sindh

Chancellor
Ms. Nausheen Ahmad

President
Dr. Zubair Bandukda

Secretary to the Board
Mr. Kamran Ahmed
Manager Finance - TIP

Members

Mr. Nadeem Maqbool
Chairman, National Textile Foundation (NTF)

Mr. Zahid Majeed
Member, Board of Governors, National Textile Foundation (NTF)

Mr. Muhammad Sohail Tabba
Member, Board of Governors, National Textile Foundation (NTF)

Prof. Shehnaz Ismail
Professor Emeritus, Indus Valley School of Art & Architecture

Mr. Abid Omar
Member, Board of Governors, National Textile Foundation (NTF)

Prof. Dr. S. M. Tariq
Chairman, Sindh Higher Education Commission

Mr. Kamran Arshad
Chairman, All Pakistan Textile Mills Association (APTMA)

Nominee
Higher Education Commission (HEC)

Secretary Education / Nominee
Government of Sindh



BOARD OF GOVERNORS - NATIONAL TEXTILE FOUNDATION

Chairman

Mr. Nadeem Maqboo
Chief Executive Officer, Suraj Cotton Mills Ltd.

Treasurer

Mr. Zahid Majeed
Chairman, National Foods Limited

Secretary to the Board

Mr. Kamran Ahmed
Manager Finance

Members

Mr. Muhammad Sohail Tabba
Chief Executive Officer, Gadoon Textile Mills Ltd.

Mr. Sadek Nissar Dossa
Maanging Director, Dossa Cotton & General Trading (Pvt) Ltd.

Dr. Shahid Anwar Tata
Chief Executive Officer, Tata Pakistan Group

Mr. Muhammad Farooq Sumar
Memeber, NTF

Mr. Pervez Ahmad
Chief Executive Officer, Feroze 1888 Mills Ltd.

Dr. Dewan Abdul Baqi Farooqui
Chief Executive Officer, Dewan Forooque Spinning Mills Ltd.

Mr. Umer Mansha
Chief Executive Officer, Nishat Milld Ltd.

Mr. Muhammad Saaleem
Chief Executive Officer, Bhannero Textile Mills Ltd.

Mr. Asif Inam
Chief Executive Officer, Diamond International Corporation Ltd.

Mr. Abid Omar
Director, Syntech Fibres (Pvt) Ltd.; Alumni Representative TIP

Chairman – APTMA

Sr. Vice Chairman – APTMA

Vice Chairman – APTMA

ACADEMIC COUNCIL

Chairperson

Prof. Shehnaz Ismail
Professor Emeritus, Indus Valley School of Art & Architecture

Members

Dr Zubair Bandukda
President, TIP

Dean Academics

Dr Abdul Razak Mahar
Director, Quality Enhancement Cell (QEC) TIP

Dr Muhammad Asif Khan
Program Coordinator – Textile Management & Marketing (TMM) TIP

Dr Umair Ahmed Siddiqui
Program Coordinator – Fashion Design Management (FDM) & Apparel Manufacturing and Merchandising (AMM) TIP

Dr Adnan Amjad
Program Coordinator – Textile Science (TS) TIP

Ms Sadia Saad
Program Coordinator – Textile Design Technology (TDT) - TIP

Mr Syed Ibrahim
Manager, Academic Planning & Development TIP

Dr Faryal Salman
Head of Department, MiTE – Business and Management Sciences; PhD Marketing

Ms Shahzadi Zaineb
Innovator and Visual Designer, Khaadi (Pvt.) Ltd

Mr Aamyre Tarique
General Manager Concepts, J. (Junaid Jamshed)

Ms Safinaz Muneer
Co-founder, Sana-Safinaz

Mr Babar Sultan
Director Product and Research, Artistic Milliners

Mr Abbas Jan
Director Marketing, Siddiqsons Denim Mills; TIP Alumnus

Mr Sufian Ashraf
Head of Sales and Technical, Swisstex Chemicals (Gul Ahmed Group); TIP Alumnus

FACILITIES



CAMPUS FACILITIES

Library Resource Centre
A modern and spacious air-conditioned two-storey library is housed in the academic complex. It has been designed to carry more than 20,000 volumes. The library holds over 10,000 books on technical subjects and adds appropriate new titles to update its collection regularly to make available the latest resource material for the students and faculty. Its comprehensive collection underpins the teaching and learning programs for faculty and students.

The first floor houses the multimedia and audio-visual facilities apart from the cubicles for individual study, and rooms for group study sessions.

The library regularly subscribes to journals in textile science, textile design, apparel, computers, communications, marketing, management and fashion.

The library also has fully-featured library management software KOHA. Which provides a simple and clear interface for library users to perform tasks such as searching for and reserving items and suggesting new items. Books and articles can be searched according to author, title or subject.

TIP has an e-library. The purpose of e-library is to make available, to the students and faculty, books and various reading material through intranet. Presently, more than 500 books and numerous electronic articles are available belonging to various genres.

Computer Laboratories
The Institute has three up-to-date computer laboratories including the end-user lab, teaching lab, and specialised CAD lab. The CAD lab. is equipped with 25 high performance PCs installed with industrial CAD software related to the field of textile design, weaving and apparel.

Students have access to the latest multimedia and interactive software and are encouraged to enhance and upgrade their computer skills. A well-stocked library of computer software in various fields and an encyclopaedia is also maintained.

Internet Connection
TIP's internet bandwidth of 40 Mbps provides a high speed internet connection enabling our students to be online 24x7 and use a fast connection for research work. The link is asymmetric, which means that not only are we able to send data at a faster speed but also receive at the maximum speed available. The latest hardware change allows for further increase in the bandwidth in future, without purchasing any new equipment. The entire TIP campus is also WiFi enabled.



CAD Laboratory
The CAD lab. is equipped with the latest state-of-the-art software 'NedGraphics' which has all the solutions for Print, Woven and Fashion industry. The package is totally integrated and manages production process from start to finish. All types of fashion and technical fabrics can be designed and sampled digitally. The software also helps to create digital storyboards and interactive presentations for particular products with real time revision abilities.

In addition, the CAD lab. also houses the latest Accumark apparel software from Gerber Garment Technology (GGT). This software covers all aspects of apparel including pattern digitizing, pattern and marker making.

Installation of these software enable students to keep themselves abreast with new trends in the textile, apparel and fashion industry and make them aware of the rapidly changing industry standards.

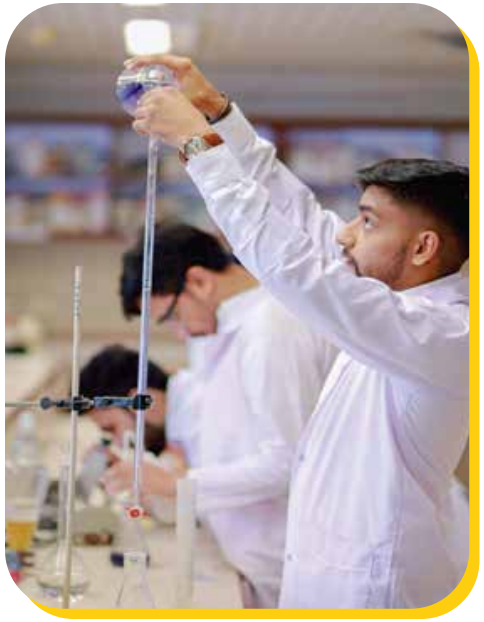
Laboratories Complex
A major investment has been made in the functionally designed buildings for housing different laboratories. The laboratories are situated adjacent to the academic complex and are easily accessible. The layout is spacious and centred around two beautiful courtyards.

Science Laboratories
There are two functionally designed Chemistry and Physics laboratories. The Chemistry lab. is fully equipped to carry out experiments based on chemical processes. The Analytical lab. has sophisticated diagnostic instruments such as Abbe Refrectometer, UV Visible Spectrophotometer, Thin Layer Chromatography, BOD Analysis System and Wastewater Analysis Equipment. A number of experiments go in hand with Physics courses. These courses introduce students to the methods of data analysis and the experiments help to develop a better understanding of ideas discussed in the classroom. The experiments cover a wide variety of topics including mechanics, thermodynamics, electricity, electronics and optics.

Textile Laboratories
There are seven textile laboratories housed in a purpose built building i.e. Spinning, Fabric Formation, Fabric Analyzing, Wet-Processing, embroidery, Fibre & Yarn Testing and Apparel.

Spinning Laboratory
Short staple spinning lab, has covered area of 10,000 sq.ft and equipped with centrally air-conditioned unit and state-of-the-art LUWA A/C cum humidity control plant.

This laboratory supports the courses of introduction to textile manufacturing, yarn formation, spinning mechanism, quality assurance of Textile and advanced fiber processing courses.



The lab comprises of following advanced staple fiber processing machines.

- The trutzschler blow room with cleanomat system and chute feed
- DK-803 carding machine
- HSR 1000 high performance draw frame
- Chinese roving frame
- EJM-128 Chinese ring spinning frame
- Murata Mach Coner
- Automatic Winder No. 7-V
- Murata two for one twister.0
- Embroidery machine

Students gain the knowledge of important functions of different parts of machines, flow of material, operating mechanisms, calculation of draft, twist, production etc. as required for various practical assignments. Practical knowledge gained in the laboratory gives students hands-on experience required for their professional career.



Fibre and Yarn Testing Laboratory
The lab. consists of sophisticated equipment to enable various tests to be conducted to determine the quality, grade and standard of conversion from fibre to yarn. Some of the available equipment is as under:

- Uster Fibrograph - 730
- Uster Stelo Meter - 754
- Uster Colorimeter - 750
- Uster Micronair - 775
- Uster Uniformity Tester UT4-SX
- Uster Autosorter - UAS - 4

Additional equipment includes ring wrapping reel, lea tester, TPI testing machine and electronic balance (Count Testing).

Fabric Formation Laboratory
The Fabric Formation lab. includes following machines for demonstration and practical purposes:

- One Shuttle power loom
- One Shuttle-less rapier loom
- One Shuttle-less airjet loom
- One single knit circular knitting machine
- One double knit circular knitting machine
- Six manual "V" flatbed-knitting machines
- Two socks knitting machines





In addition, the following looms are available for the design students to produce their assigned projects:

- Sixty sample handlooms
- Two production dobby handlooms
- Three production jacquard handlooms

Fabric Analysis Laboratory
Fabric Analysis lab. allows determination of quality and fabric behaviour required for particular end-use through tests on such equipment as:

- NU Martindale (J.H.H., U.K.)
- Morapex-A (M. Helbotex)
- Crease Recovery Tester
- Polarizing Microscope
- Universal Strength Tester (Titan, J.H.H., U.K.), for yarn and fabric Tensile strength, tear strength, etc.

Wet-Processing & Colour Laboratory
The Wet-Processing lab. is well-equipped and has the following modern equipment:

- Gretag Macbeth with 7000-A Spectraflash colour matching system
- UV spectrophotometer (Shimadzu)
- Steamer & Dryer (Mathis)
- Printing Table Machine (Zimmer)



- HT Dyeing Machine
- Rotary evaporator (Buchi)
- Tumble Dryer (James H. Real's, U.K.)
- Gyrowash, Wash Fastness Tester (J.H.H., U.K.)
- Wascator (J.H.H.,U.K.)
- Sample Winch Machine

Additional equipment available includes washing machine, colour assessment light box (G. MacBeth), padder, drying ovens, conductivity meter, pH meter, viscometer, etc. Students are given intensive practical training on pre-treatment, dyeing, printing, finishing and textile testing, which reinforces classroom lectures. Students are also assigned different projects.

Apparel Laboratory

A fully air-conditioned Apparel Lab. is equipped with state-of-the-art equipment. Programmable sewing machines are installed for an exposure to new technology. Straight Cutting machine and mini-cutting table is available to cut layers of fabric. ETON computerized feeding system and Switch Track railing systems are also installed. In addition, the lab has a number of attachments, folders and machines for hands-on training such as:

- Single needle flat bed machines
- Single needle programmable machines
- Double needle machine
- Safety stitch machines
- Programmable button hole and bar tack machines
- Feed off the arm machine
- Multi-needle chain stitch or waist band machine
- Snap button machine
- Button sewer
- Steam presses
- Marker cutting arrangement

Additional equipment available includes washing machine, colour assessment light box (G. MacBeth), padder, drying ovens, conductivity meter, pH meter, viscometer, etc. Students are given intensive practical training on pre-treatment, dyeing, printing, finishing and textile testing, which reinforces classroom lectures. Students are also assigned different projects.

Apparel Laboratory

A fully air-conditioned Apparel Lab. is equipped with state-of-the-art equipment. Programmable sewing machines are installed for an exposure to new technology. Straight Cutting machine and mini-cutting table is available to cut layers of fabric. ETON computerized feeding system and Switch Track railing systems are also installed. In addition, the lab has a number of attachments, folders and machines for hands-on training such as:

- Single needle flat bed machines
- Single needle programmable machines
- Double needle machine
- Safety stitch machines
- Programmable button hole and bar tack machines
- Feed off the arm machine
- Multi-needle chain stitch or waist band machine
- Snap button machine
- Button sewer
- Steam presses
- Marker cutting arrangement



4 Heads Computerized Embroidery Machine
TIP has a state of the art 4 head computerized embroidery machine RENAISSANCE donated by the Rajby Industries for educational purposes. This embroidery machine is computer controlled and specifically en- gineered for embroidery. This is a combination of in- dustrial and commercial embroidery and sewing-em- broidery machine having a hooping or framing system that holds the framed area of fabric taut under the sewing needle and moves it automatically to create a design from a pre-programd digital embroidery pattern using Wilcom software.

Sewing-embroidery machines generally have only one needle and require the user to change thread colors during the embroidery process, but this multi-needle industrial machine is generally threaded prior to run- ning the design and does not require re-threading. This machine requires the user to input the correct col- or change sequence before beginning to embroider. Some can trim and change colors automatically.



The sampling machine used at TIP is 4 heads, each of which can sew the same design onto a separate garment concurrently. Such a machine commercially used might have 20 or more heads, each consisting of 15 or more needles. A head is usually capable of producing many special fabric effects, including satin stitch em- broidery, chain stitch embroidery, sequins, appliqué, and cutwork.

CAD Laboratory
TIP has highly well-furnished CAD laboratory. It has very updated PC stations with the Latest CAD software. Gerber software is most commonly used in the industry due to its very powerful features in CAD software and has Captured 85% of Pakistan Garment industry. TIP trains the students on latest Gerber software V13 by which digital pattern is designed, modified and graded.

2D Digital Pattern and Grading
Marker making is like an electronic workbench which is used to place and save the fabric for half a century, Gerber Technology has been helping companies



around the world to develop, manufacture and take their products to market smarter, faster and more efficiently. Today, the company provides integrated software and hardware solutions to customers in the aerospace, construction, furniture, fashion & apparel, transportation, technical textiles, packaging, wind energy sign & graphics industries, including over 100 Fortune 500 companies in 134 countries.

Drawing on a rich history of innovation, Gerber Technology's leading-edge systems help customers reach their optimum by maximizing productivity and minimizing errors and waste.

Gerber Plotter
It is an output device which is used to plot designs and spread on the layers of fabric so that the fabric is cut accordingly.



CAREER GUIDANCE, INTERNSHIP AND PLACEMENT OFFICE

Textile Institute of Pakistan has a strong record of job placement. An Internship and Placement Office works closely with students to help them prepare for each stage of internship process and offers its services to students, graduates, alumni and the corporate sector with an aim to connect them to a diversified result-oriented talented pipeline.

Close linkages are maintained with CEOs and HR Departments in organizations so as to provide the best career prospects for graduates. The Institute assists the graduating students in seeking suitable employment or planning to study further.
The Institute has close ties with the local textile industry through its summer internship program. Career counselling workshops are also organised, where final year students go through the process of completing application forms and mock interviews in order to prepare them for employment. It is a matter of great pride and satisfaction that over 2000 graduates to date have been successfully placed in leading textile mills, garment factories and buying houses some are pursuing higher studies or engaged in entrepreneurial activities.

A "Graduate Directory" giving the curriculum vitae and photographs of graduating classes is publishzed annually and sent to prospective employers and other professional bodies, such as APTMA, PHMA, TMA, PREGMEA, to ensure widest possible exposure of our graduates in the job market.

On Campus Recruitment Drives
In order to streamline the placement procedure and provide equal opportunities to all students, the internship and placement department develops strong liaison with the corporate sector by signing MoU for internship and job placement, orientation/ recruitment sessions and co sponsoring guest lectures, from the industry.





JOB FAIRS

The Internship and Placement Department of Textile Institute of Pakistan regularly arranges Job Fairs. The event is a great opportunity for students to network and meet employers from various organizations. In this event, TIP gets positive feedback and cooperation from employers to secure best jobs for its graduating classes, discuss the industrial needs and job requirements and assign counseling desk to the employers where they can advise graduating students.

TIP's close ties with the local textile industry also enable relevant internships for second and third year students.

Many Textile Industries such as Gul Ahmed Textile, Al Karam Tex- tile Mills, J., Almira, Kassim Denim (Pvt) Ltd., Feroze 1888 Mills Ltd., Soorty Enterprises, H&M, Lucky Tex, Sapphire, Artistic Garment In- dustries, Artistic Milliners, Yunus Textile Mills, Tata Textile Mills, Rajby Industries, Euro Centra, Lucky Knits, Lucky Textiles, Artistic Apparel, Afroze Textile, Nizam Din & Sons, Aritistic Apparels, SM Denim Mills, Cambridge Garments, Naveena Export Ltd. and other industries par- ticipate in TIP Job Fair every year.

It is also an opportunity for TIP students to establish direct contacts with the employers by submitting their resumes to prospective employers and discussing on a one-to-one basis, the details of their final year projects with experts from the industries.

Since its establishment, TIP has served the needs of industry to a large extent and is gearing up its resources to meet its future requirements. So far, all TIP graduates have been absorbed by the do- mestic textile industry with the exception of those who have gone abroad in pursuit of higher education.

























DESIGN DEGREE SHOW – 2025

A showcase of exhibition of the projects by graduating students of Textile Design Technology Program. The exhibits were the outcome of their final year research assignments which is a requirement for awarding a degree. The projects covered diversified area of local and international apparel trends, fashion accessories and home textiles using various textile techniques such as weave, print, Knit and design interventions.



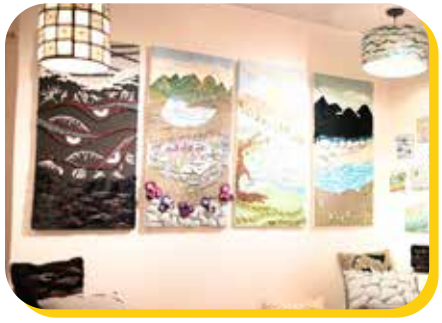


















TIP – IN PERSPECTIVE

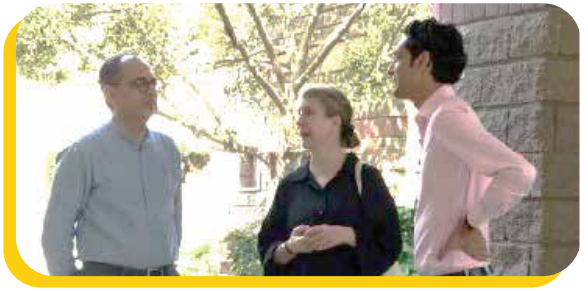
YKK – Leadership visit

The YKK's leadership team visited TIP which emphasized the institute's connection with industry leaders. Accompanied by a TIP alumnus, Minhaj Abdul Maroof, who has been part of YKK for over a decade, the team primarily focused on discussions with the administration. Their visit highlighted YKK's commitment to sustainable and innovative practices in fastening solutions and the importance of nurturing industry-academic partnerships. The alumnus shared insights from their long-standing career with YKK, reflecting on how TIP's education and values helped pave the way for success in a global company. Although the visit did not involve direct student interaction, it underscored TIP's role in preparing graduates for impactful careers, with YKK reaffirming its interest in supporting future collaborative opportunities with the institute.



Christina Zetterlund from Linnaeus University, Sweden visits TIP

Christina Zetterlund, from Linnaeus University, Sweden visited TIP. She teaches various programs there, related to design, crafts, and sustainability, and the relationship between aesthetic processes and society. Her visit offered students a unique chance to receive feedback from a seasoned academic expert, allowing them to better understand how their projects align with industry standards and trends. She showed a keen interest in the students' innovative approaches to textile design, sustainability, and functionality, providing valuable insights into the practical applications of sustainable design. Her feedback not only inspired students but also connected classroom learning with real-world textile advancements.



Bianca Seidel- International Sustainability expert visits TIP

Bianca Seidel, an international expert on sustainability and transformation, recently visited the Textile Institute of Pakistan (TIP) following her visit to the TIP stall at TEXPO 2024. Known for her expertise in sustainable practices within the textile and fashion industries, Seidel's visit provided valuable insights into the growing importance of sustainability in design and production processes. During her visit, Seidel engaged in discussions with faculty and students about the future of sustainable fashion, highlighting key strategies for integrating environmental responsibility into business models and product development. Her visit further reinforced TIP's commitment to promoting sustainability in the textile sector and offering students access to global perspectives on the industry's transformation.



TEXPO 2024

Textile Institute of Pakistan's (TIP) design students showcased their work at TEXPO 2024, held at Karachi Expo Centre from Oct 23 -25, marking a key opportunity to connect with industry leaders and demonstrate their innovation in sustainable textile design. Out of all academic institutes, TIP's stall was the only one that had its display tailored to this year's theme of sustainability and climate change. The event gathered a diverse audience, including buyers, designers, and international delegates, all exploring Pakistan's rich textile capabilities. TIP students exhibited projects that highlighted eco-friendly materials, modern weaving techniques, inspired by Pakistan's heritage. The Expo served as a networking hub, linking students with industry professionals and expanding their horizons in textile and fashion domains.



First Prize - Karachi Biennale 2024

The Karachi Biennale 2024 (KB24), started on 27th October. The students from TIP are participating in Pakistan's most prominent art exhibition, exploring the theme "Rizq | Risk" under the curation of Waheeda Baloch. The event spotlighted the complex relationship between sustenance and threat, particularly within the context of food security and environmental challenges. TIP students had a unique opportunity to examine how these themes intersect with cultural heritage, social justice, and ecological concerns, presented through innovative installations focusing on Palestine. The KB24 not only provided insight into the risks facing food systems in Pakistan but also inspired TIP students to consider sustainable and community-centered approaches in their own creative practices. Our students achieved a remarkable milestone by winning the first prize at the prestigious Karachi Biennale 2024.. This victory not only highlights the exceptional talent and dedication of our students but also underscores the institution's commitment to fostering artistic excellence and creativity.



Apparel Production Management x Soorty Enterprises

The Textile Institute of Pakistan (TIP) collaborated with Soorty Enterprises to conduct the Apparel Production Management course for students, aimed at equipping them with industry-relevant skills and practical knowledge. This intensive course was designed to bridge the gap between academia and the apparel industry's evolving demands, ensuring that students are well-prepared for professional challenges. On the successful completion of the course, a certificate distribution ceremony was held at TIP, where representatives from Soorty presented certificates to the participants. The event highlighted the importance of industry academia partnerships in fostering talent and creating opportunities for the next generation of textile professionals. Students expressed their gratitude for the hands-on learning experience, while Soorty acknowledged the potential of TIP's talented students. This collaboration reflects TIP's commitment to offering career-oriented programs and strengthening its ties with leading industry players.



Leadership training for Vice Chancellors

The Sindh Higher Education Commission (SHEC) organized a Professional Development Program for Vice-Chancellors on Strategy, Leadership, and Governance from February 19th to 21st, 2025, at the Pearl Continental Hotel. The session was conducted by David Lock, a seasoned trainer with extensive expertise in higher education leadership and governance. The program aimed to enhance university leadership by focusing on:

- Strategy formulation and implementation, covering leadership, risk management, financial and human resource management, and governance in the Pakistani university context.
- Understanding global, national, and local higher education dynamics and the role of governance in fostering institutional credibility and trust.
- Assessing current university practices and formulating recommendations for improvement and reform. Dr. Zubair Bandukda, President of TIP, and Syed Atik Ali, CFO & Director of Operations, represented TIP at this program, engaging in high-level discussions on best practices and institutional development.



Strategic Leadership Program

Dr. Umair Ahmed Siddiqui represented the Textile Institute of Pakistan at the prestigious Two-Day Strategic Leadership Program organized by ICE Pakistan in collaboration with the Sindh Higher Education Commission. Held in April 2025 at the Pearl Continental Hotel in Karachi, the program brought together senior academic leaders, including Deans, Program Heads, Chancellors, and Pro Chancellors from HECrecognized universities across Sindh. This exclusive initiative focused on enhancing leadership capabilities and fostering strategic thinking within higher education institutions. Participants engaged in insightful discussions and activities designed to address the evolving challenges faced by academia in today's rapidly changing world. The sessions were led by Professor Sarah Williams, Pro Vice Chancellor at Buckinghamshire New University, UK, who shared her expertise and international perspective on academic leadership. Dr. Siddiqui's participation reflects TIP's ongoing commitment to academic excellence, leadership development, and its active engagement in initiatives aimed at strengthening the higher education sector in Pakistan.





IGATEX 2025 – Knowledge Partner

The Textile Institute of Pakistan (TIP) proudly served as the official Knowledge Partner for IGATEX 2025, Pakistan's premier international garment and textile machinery exhibition, held April 24–26 at the Karachi Expo Centre. This collaboration provided TIP with a high-profile platform to showcase its academic excellence, industry engagement, and student innovation.

TIP featured a stall in Hall 2 and a 30x8 ft. corridor display, highlighting nine student thesis projects and fashion garments that reflected the institute's practical and creative strengths. Final-year projects such as heat-insulated denim yarn, natural dye alternatives, and trade agreement analysis drew strong interest from industry leaders and potential collaborators.



The event was inaugurated by Mr. Saeed Ghani, Sindh's Minister for Local Government and Town Planning, who visited TIP's exhibit. TIP's senior management networked with business leaders, while its marketing team leveraged the event for dynamic outreach and admissions promotion.

TIP's contribution as Knowledge Partner was honored with an Exhibitor Shield and received notable media coverage, including features in Pakistan Textile Journal and TEXtalks interviews. Moving forward, TIP plans to deepen its participation in IGATEX through immersive exhibits, formal recognition for participating students, and a dedicated event coordination committee–further strengthening its position as a leader in textile education and innovation- April 2025



Eco-Design training at FPCCI

On April 25, the Textile Institute of Pakistan (TIP) conducted a specialized training session on eco-design concepts for industry leaders at the FPCCI Clifton office. Sponsored by GIZ, the session aimed to promote sustainable design practices within Pakistan's textile and manufacturing sectors. Dr. Umair introduced participants to key principles of eco-design, including resource efficiency, sustainable material selection, and lifecycle analysis. The training emphasized how environmentally responsible product development can drive innovation and meet global market demands. Attendees included representatives from leading firms, who engaged in interactive discussions and explored practical strategies for integrating sustainability into their operations. This initiative reflects TIP's ongoing commitment to environmental stewardship and knowledge-sharing, while strengthening its collaboration with commerce bodies like the FPCCI. The training served as a meaningful step toward equipping business leaders with the tools and mindset necessary for sustainable transformation in the textile value chain. - April 2025





Fashion Day 2025

In May 2025, our Fashion Design Program hosted a Fashion Day, showcasing the culmination of eight semesters of dedication and innovation by our fashion design students. The event featured a diverse array of collections, including the final year thesis collections, as well as work of junior designers each reflecting the unique journey and creative evolution of our students. From conceptual sketches to final garments, the show came to life with designs that blended tradition with modernity, color with texture, and imagination with technique. In addition to the fashion collections, the event highlighted the creative and collaborative efforts of our product development students. These students partnered with renowned industry leaders such as Chottani and Nizam, bringing real-world experience into their academic projects. The collaborations resulted in innovative product lines that merged academic learning with industry standards, showcasing the practical application of design principles and fostering valuable industry connections. The highlight of the event was a solar tent for camping trips. Fashion Day 2025 was more than just a showcase; it was a testament to the hard work, creativity, and professionalism of our students. The event provided a platform for students to present their work to industry professionals, potential employers, and the community, bridging the gap between academic learning and industry practice.

Visionary leadership visit

Visit by Dr. Javaid Laghari and Mr. Hamir Soomro in October 2025, the Textile Institute of Pakistan (TIP) had the privilege of hosting Dr. Javaid Laghari, Founding Member of SZABIST, Former Senator, and Former Chairperson of HEC, along with Mr. Hamir Soomro, an eminent artist and architect previously associated with IVS. He was accompanied by Ms. Nausheen Ahmad, the Chancellor of TIP. The visit featured engaging discussions with faculty and students on the evolving landscape of higher education, innovation, and skills development. Their insightful perspectives encouraged the TIP community to embrace creativity and purposeful transformation in education. The institute expressed heartfelt gratitude for their inspiring presence and guidance.



Visit to Anwer Textile

Students enrolled in the Yarn Formation and Spinning Mechanism course visited Anwer Textile, Dhabeji on the respectively. The industrial visit offered valuable hands-on learning and practical exposure to modern spinning operations and yarn manufacturing techniques. Students observed various stages of yarn production, including fiber preparation, drafting, twisting, and winding, gaining insight into the technological advancements used in contemporary textile mills. The experience effectively bridged the gap between theoretical concepts and real-world applications, enhancing students' understanding of production efficiency, quality control, and the overall spinning process within the textile industry.

Study Visit by Design students

In October 2025, students from the 3rd Year Textile Design Technology program participated in a series of academic study visits organized under their Research Methodology and Design Techniques courses. The itinerary included visits to the Haveli Museum, where students explored an exhibition on Sindhi crafts, gaining valuable understanding of regional textile traditions and heritage craftsmanship. They also visited Canvas Art Gallery to study the works of artist Nazia Ejaz, followed by Koel Gallery, which showcased research-based projects by M.Phil students. The tour concluded at the AAN Museum and its Study Room, offering exposure to contemporary art practices, curatorial methods, and research frameworks within Pakistan's dynamic cultural landscape.

Industry–Academia Linkages

As part of our ongoing efforts to strengthen collaboration between academia and industry, TIP organized and started three courses particularly for fashion and apparel students. CAD for Gerber, at Artistic Garments, appearel production management at Surti and Design Realization is being held at Sana Safinaz & NARKINS. These courses provide students with hands-on, industry-relevant experience, bridging the gap between theoretical learning and practical application. The initiative not only enhances students' technical skills but also fosters stronger engagement with industry partners, supporting our long-term goal of creating sustainable linkages.

ALUMNI ENGAGEMENTS

Alumni Mentorship Session – Entrepreneurship

A dynamic and inspiring session on "How to Start a Business Online" was conducted by our esteemed alumnus, Mustafa Quettawala. Drawing from his wealth of experience and success in the digital business landscape, Mustafa shared valuable insights and practical tips on launching and growing an online venture. From understanding market trends to leveraging e-commerce platforms effectively, the session equipped students with essential tools to navigate the entrepreneurial journey. His engaging presentation and relatable anecdotes left the audience motivated and full of ideas. It was a proud moment to witness our alumnus giving back to the community and empowering the next generation of entrepreneurs.



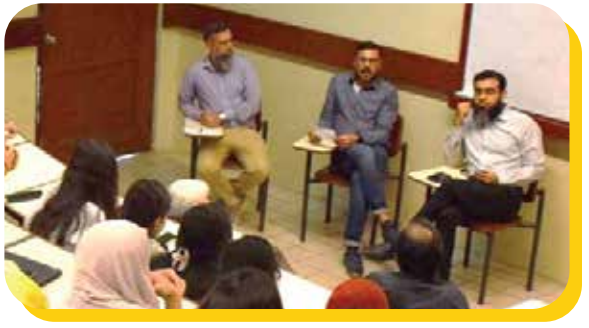
Technical Textiles for Flame Retardant Apparel – Product Development, Testing, and Commercialization

Our students had the privilege of hosting Mr. Aasim Ahmed, a distinguished graduate from the Class of 2007 who now works at DuPont Personal Protection USA. During his visit, he shared invaluable insights on problem identification and solution development in cutting-edge industries specially in technical textiles, particularly flameretardant materials and finishes, the apparel made from these materials, their testing and commercialization. Drawing from his professional journey, he emphasized the importance of analytical thinking, creativity, and adaptability in tackling real-world challenges. He illustrated how research-driven methodologies help identify core issues and develop innovative solutions. Through engaging discussions and real-life cases, he guided students on structuring problems effectively, evaluating solutions.



Alumni Mentorship and Counselling

A grading session was conducted for Product Development students, providing a valuable platform for assessment and feedback. The session was enriched by the presence of visiting alumni, who shared their professional experiences and insights from the industry. Their interaction with the students offered practical perspectives on design, innovation, and market relevance. The alumni commended the students' creativity and provided constructive suggestions to enhance their projects. This exchange fostered motivation and encouraged students to align their academic work with real-world expectations. The session successfully blended academic evaluation with industry exposure, creating a holistic learning experience for the students.



Alumni Sponsorship Programs – Late Kashif Jamil Abbasi & Feroza Qamar scholarships

The Textile Institute of Pakistan (TIP) proudly announces the initiation of two new scholarship programs, generously established by its distinguished alumni, Asmara Khawaja (Class of 2000) and the batch of Late Kashif Jamil Abbasi (Class of 2003). These scholarships underscore the strong bond between TIP and its alumni, reflecting their commitment to giving back and fostering future generations of textile professionals.



Alumni Talk

The Textile Institute of Pakistan recently hosted an engaging and insightful Alumni Talk featuring distinguished graduates from the Class of 2004. The session brought together industry professionals whose diverse career paths exemplify the breadth of opportunities available to TIP graduates. Mr. Hassan Zafar (TDT 2004), currently leading Quality initiatives at Bass Pro Shops (USA), delivered an in-depth discussion on Design Research and Development, international design trends, and quality testing in textiles. Drawing from over two decades of global industry experience, he shared lessons in innovation, cross-cultural work environments, and the evolving expectations of international markets. He was joined by Mr. Naeem ul Haq Bukhari (TDT 2004) – Director, Bukhari Industries and Mr. Ali J. Vastani (TDT 2004) – Faculty, Photography & Media (IVS, Ziauddin University, and others). Their collective insights enriched the conversation, offering students a multifaceted view of design, production, entrepreneurship, and creative practice within Pakistan's local and international textile ecosystem. Students from Textile Design Technology, Textile Sciences, Textile Management & Marketing, and Apparel & Fashion Design Management engaged enthusiastically throughout the session. The discussion underscored the value of research-driven creativity, industry adaptability, and lifelong professional growth. The event concluded with interactive counselling and mentoring circles, in which alumni offered personalized guidance, shared career reflections, and encouraged students to pursue both excellence and curiosity in their academic journeys.





WEAVING A BETTER FUTURE - PARTNERSHIPS

1. Student Development Programs x PSTD

The MOU between TIP and PSTD establishes collaboration for a student development program (SDP), digital partnership, and conference sponsorship. TIP will nominate students for the SDP, ensure their attendance, and promote the partnership on social media. PSTD will provide training resources, speakers, and discounted learning opportunities. TIP also gains PSTD membership benefits like workshop discounts and free digital learning resources. The MOU is valid for two years, with confidentiality and dispute resolution terms.

2. Textiles II X GIZ

GIZ is a renowned development agency that focuses on international cooperation and sustainable development initiatives. We have been approached by GIZ Pakistan to discuss potential areas of mutual interest under their project named "Improvement of Labour and Environmental Standards in Pakistan Textile Industry II" (TextILES II). This project targets the textile industry in Punjab and Karachi, emphasizing areas such as Circularity, Eco-design, traceability, and other EU Green Deal-related topics.

3. OPEN Karachi x Innovation & Sustainability

The Textile Institute of Pakistan (TIP) is signed a Pledge of Collaboration with OPEN Karachi, the local chapter of the global network of Pakistani entrepreneurs affiliated with IBA Karachi. The event took place on the 25th of October. This partnership aims to foster leadership, research, and academic excellence while advancing innovation and entrepreneurship within Pakistan's textile and apparel sector. Through joint initiatives, TIP and OPEN Karachi will focus on industry innovation and startups, leadership and skills development, sustainability and circular economy, industry–academia collaboration, and global exposure with mentorship opportunities. This collaboration underscores a shared commitment to transforming the textile ecosystem into a hub of innovation, sustainability, and global competitiveness, empowering youth, women, and professionals to drive meaningful change.





INTERNATIONAL STUDY TRIPS

Europe Trip
One of the many benefits of providing the students with the international exposure is that it helps to enhance and broaden the vision of students. Learning from international visits and attending international workshops/ seminars enables students to experience and under- stand global scenario from a different cultural perspective.

TIP faculty and 32 students visited Heimtextil, which is the largest Home Textile exhibition, held every year in Frankfurt, Germany. It was a good experience as the stu- dents got international exposure which is good for career development. Some of them were offered internships and jobs and appreciation from exhibitors. It is important for education- al institutions to provide their students with ample opportunities to learn and understand the global techniques with respect to their field and equip them with the traits required for working in a global environment. Cross-Cultural references and global perspective allows students to have a pragmatic view of the business setting and practices in various countries. The exposure gained from these study trips will benefit the students in their personal as well as professional life.



The importance of educational tour for university students can be better understood by the fact that it helps break the monotony of academic life. In addition to this, it also helps teachers meet certain objectives of the curriculum by designing tours suitable with specific requirements, and finally it gives an international exposure to the graduating students.



Swiss Textile And Fashion School (Stf) Zurich
The STF is an internationally recognised training institution in the disciplines of textiles, fashion, and management. Within Switzerland, it is a one-of-kind center of competence and represents trusted training facility in all matters concerning the life-cycle of textiles, fashion, and lifestyle products – Since 1881. They are a responsible partner and a dynamic centre of the textile net- work.

TIP faculty and students had a chance to visit this renowned Institute which broadened the vision of students and showed them a chance to study abroad being the ambassadors of Pakistan.







Turkey Trip

TIP faculty and 17 students visited Turkey. The objectives of the Study Tour were two fold. The first and foremost was to give our students an insight of the work and research being conducted there. It supplemented the various theories acquired in the classroom for a simultaneous understanding and application. The second was to appre- ciate the historical and cultural development of the Ottoman Empire and eventual transformation into a republic and democracy. The trip lasted for 11 days and included destinations such as Cappadocia, Pamukalle, Bursa, Izmir, Qusadasi, Esphesus and Istanbul.

The tour involved three distinct components:
Meetings with the Dean and Faculty Members at University of Economics, Izmir and Istan- bul Technical University, Istanbul, to discuss collaborative research opportunities, students/faculty exchange programs, workshops and trainings. The students were also given a detailed tour of the campus and interactive sessions were conducted at the end of each visit.

Attendance at the Turkey Lifestyle 2019 Exhibition at Istanbul Congress Centre, a three day event on "Modest Fashion". This included keynote contributions from speakers with international.

Apart from the educational visits, the students were also given a tour of the historical landmarks including the awe inspiring Fairy Chimnies, Hierapolis, Thermal Pools, Blue Mosque, Hagia Sophia Museum, Topkapi Palace, Hippodrome, Grand Bazaar, Pierre Loti Hill and many more historical places in each city. These visits familiarized the students with the rich Ottoman history and diverse culture and proved to be an eye opener of breathtaking architecture.
The Study Tour contributed to and enhanced our understanding of Turkey, a nation at the crossroads of Europe and Asia.

This trip was a once in a lifetime opportunity for all the members of the group and would always be cherished. It will surely play a vital role in having an edge in all of TIP's future endeavours









Student Activities

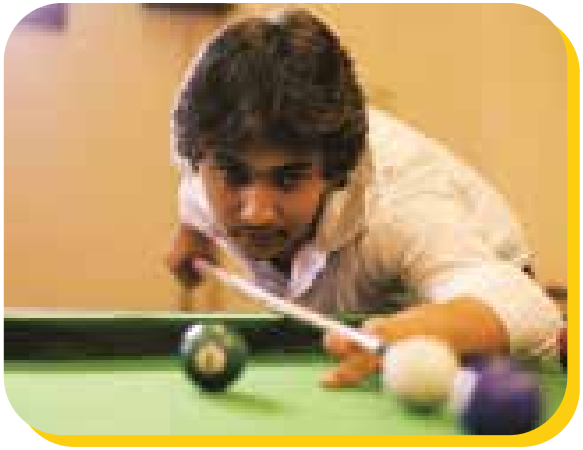
Students are required to participate as much as possible with faculty and staff in academic matters and co-curricular activities. Students are encouraged to become members of societies functioning at TIP including, Sports, Art, Religious, Music, Drama, Literary, Marketing and Entrepreneurship.



Textile Institute Students Forum (TISF) organizes student activities that are concerned with sports, arts and culture, and publications. Student members are elected annually. A member of faculty/staff is appointed by the President to the forum in order to provide guidance and to facilitate implementation of decisions, which require interaction with the Institute. The societies conduct their business according to established policies and procedures.

Sports & Recreation

Facilities for popular sports including squash, cricket, football, table tennis, basketball, volleyball, throwball gymnasium are provided at the campus.



Beside sports, the open-air theatre, auditorium and cafeteria at the student centre boast hosting numerous events, such as plays, movies, debates, poetry reading, exhibitions, seminars, guest speaker sessions etc. Student activities in the field of public speaking, stage appearances, art, music and culture help foster wellrounded personalities besides serving as a form of recreation.

Student Committees organize picnics and other cultural activities. This diversion in an otherwise demanding academic routine helps to provide relief in the form of meaningful outdoor activities.







Hostels - for a lively and worthy experience

TIP has two separate hostels for male and female students. On a twin sharing basis, boys' hostel can accommodate 150 students and girls' hostel has 30 rooms for 60 students.

The hostels serve as a home for students. The rooms are equipped with two single beds, a writing table and a table lamp. There is adequate wardrobe space for clothes. All students residing in the hostel are expected to conform to hostel rules and regulations. Residence in the hostel is conditional upon proper use and care of the property and considerate behaviour towards others. Hostelites may not leave premises without prior permission of the wardens. Girls are required to be indoors except meal times or during classes and may not leave campus unless authorized by parent/guardian after filling an authorization form.

All necessary basic medicines and first aid facilities are provided on campus for all students and staff. A full time vehicle has also been set aside for emergency visits to the nearby hospitals for the students residing on campus. It is expected that residents will treat the facilities with respect and honesty as they would do in their own homes. A medical/retiring room is also available at the campus.

Hostel Wardens

Resident Wardens for both boys' and girls' hostels are available on campus full time. TIP is very conscious of its responsibility for the welfare and safety of students living in the residences. The Institute reserves the right to make any changes in the hostel rules anytime during the course of the academic year.

Transport

The Institute arranges transportation for all its students who wish to reside at home and travel daily for classes. Transportation fee is charged for the entire semester at the time of registration. TIP has its exclusive fleet of contracted air-conditioned coasters/buses plying from all major points across Karachi. These vehicles are available for use for student activities, excursion trips and on weekends for picnics or study tours.

Insurance

All students and staff travelling on TIP coaches to and from TIP campus are insured against accidental risk.







PROGRAMS AND CURRICULUM

BS TEXTILE SCIENCE (TS)

This program concentrates on advanced level courses in textile chemistry, polymer and fibre science, fibre processing, fabric development, textile wet-processing, apparel manufacturing, mathematics, physics and chemistry. Students also undertake basic management and marketing courses.

Students graduating in Textile Science have a firm base and are able to apply their knowledge in solving problems related to textile materials involving both chemical and physical principles. The students concentrate on conception, design, construction and management of complete systems of labour, machinery and processes for the most efficient production of textiles or related chemicals.

1st Semester

Course Code	Course Title	Credit Hour
COMP-101	Computer Concepts	3
ENGL-101	English Language Basics	3
TXCH-102	General Chemistry	3
MATH-101	Mathematics I	3
TEXT-175	Introduction to Textile Manufacturing	3
		16

2nd Semester

Course Code	Course Title	Credit Hour
RELG-100/200	Religion	2
TXCH-104	Organic Chemistry	4
COMP-102	Computer Applications	3
ENGL-102	English Composition	3
MATH-102	Mathematics II	3
TEXT-176	Natural & Manmade Fibres	3
		18

3rd Semester

Course Code	Course Title	Credit Hour
ENGL-201	Oral Communication	2
MGMT-201	Principles of Management	3
PHYS-201	Conceptual Physics	4
TEXT-201	Yarn Formation	3
MTSC-215	Polymer Science	4
PKST-100/200	Pakistan Studies	2
		18

4th Semester

Course Code	Course Title	Credit Hour
ECON-201	Business Economics	3
MATH-202	Business Maths & Statistics	3
TEXT-202	Fabric Technology	3
TEXT-220	Textile Testing	2
MGMT-250	Business Communication	3
TXCH-250	Textile Pre-treatment & Machinery	4
		18



The BS in Textile Science (TS) program at TIP is a flagship four-year degree that provides a strong foundation in the scientific, technical, and managerial aspects of textiles. The curriculum integrates core sciences – chemistry, physics, and mathematics – with specialized courses in fiber science, yarn and fabric technology, dyeing, printing, and finishing. Emphasizing hands-on learning through laboratory work, industrial exposure, and research projects, the program develops students' analytical and problem-solving skills while preparing them to address modern challenges in textile manufacturing, innovation, and sustainability. Recognized for its strong industry relevance, the TS program has established a legacy of excellence through its accomplished alumni network. Most of TIP's graduates come from this program and are serving in key leadership positions across renowned textile organizations or successfully managing their own businesses. This enduring success highlights the program's role in producing technically skilled, forward-thinking professionals who continue to drive progress and innovation in the global textile industry.

Dr. Adnan Amjad
Program Coordinator - TS

5th Semester

Course Code	Course Title	Credit Hour
MRKT-301	Principles of Marketing	3
TEXT-301	Spinning Mechanisms	3
TXCH-304	Dyeing I	3
TEXT-312	Weaving Mechanisms	3
MGMT-390	Production & Operations Management	3
		16

6th Semester

Course Code	Course Title	Credit Hour
MGMT-301	Research Methodology	3
TEXT-302	Knitting Technology	3
TXCH-303	High Performance & Smart Textiles	3
TEXT-312	Introduction to Weave Design	3
TXCH-316	Dyeing II	4
		16

7th Semester

Course Code	Course Title	Credit Hour
ENVT-401	Environmental Management	3
TXCH-457	Textile Printing & Coating	4
TEXT-428	Textile Research Project	3
	Elective I	3
	Elective II	3
		16

8th Semester

Course Code	Course Title	Credit Hour
TEXT-422	Fiber Science	4
TXCH-458	Textile Finishing	4
TEXT-428	Textile Research Project	3
	Elective III	3
	Elective IV	3
		17

Elective Courses 7th Semester

Course Code	Course Title	Credit Hour
TEXT462	Denim Technology	3
APRL401	Apparel Manufacturing	3
TEXT403	Advance Fiber Processing	3
TEXT411	Advanced Woven Fabric Structure & Design	3
MGMT412	Supply Chain Management	3
		15

Elective Courses 8th Semester

Course Code	Course Title	Credit Hour
TEXT471	Plant Layout & Design	4
MRKT401	Export Marketing	3
TEXT405	Textile Merchandizing	3
		10

Students have to undertake a research project in their final year as part of their degree requirement. This is a written report which evaluates the student's capacity and maturity in the field of textile science. The area of study, chosen under faculty guidance, can be in any textile-related area of interest. A faculty member is assigned to oversee the research project who reviews the written document periodically. The final report is evaluated by some external examiner who is an expert in the relevant area.





BS TEXTILE DESIGN TECHNOLOGY (TDT)

BS in Textile Design Technology explores all possibilities of value addition through various processes and techniques applied to textiles and its products. The aim of this program is to view the whole process of textiles through an aesthetic perspective. Awareness and appreciation of textiles and crafts traditions is also a significant aspect of this program. Textiles are the mainstay of our economy and survival is now based on quality not just quantity. Design, therefore, plays a major role. TIP aims to produce designers who are equipped with the necessary technical skills and aesthetic understanding required to function effectively in highly competitive conditions while catering to the local as well as international market needs.

1st Semester

Course Code	Course Title	Credit Hour
PKST-100/200	Pakistan Studies	2
ENGL-103	English Language & Composition	2
TEXT-175	Intro to Textiles Manufacturing	3
TXDG-101	Art Appreciation	1
TXDG-102	Basic Drafting	3
TXDG-110	Basic Drawing I	3
TXDG-150	Basic Design-I	3
	Total Credit Hours	17

2nd Semester

Course Code	Course Title	Credit Hour
RELG-100/200	Religion	2
ENGL-104	Oral Communication	2
TEXT-130	Textile Technology	3
TXDG-103	Design History & Theory 1	1
TXDG-104	Digital Communication	3
TXDG-120	Basic Drawing II	3
TXDG-160	Basic Design II	3
	Total Credit Hours	17

3rd Semester

Course Code	Course Title	Credit Hour
TXDG-201	Art History-I	1
TXDG-204	Interior Design & Decoration	3
TXDG-205	Fashion History & Theory	3
CADN-201	Computer Aided Design-I	2
TXDG-210	Weave Design-I	3
TXDG-200	Print Design-I	3
TXDG-220	Drawing Project	2
	Total Credit Hours	17

4th Semester

Course Code	Course Title	Credit Hour
TXDG-202	Art History-II	2
MGMT-250	Business Communication	3
TXDG-209	Product Development	3
CADN-202	Computer Aided Design II	2
TXDG-211	Weave Design-II	3
TXDG-260	Print Design-II	3
	Elective	2
	Total Credit Hours	18



The BS Textile Design Technology program blends creativity with emerging technologies to shape the future of sustainable textile design. Covering print, weave, knit, and digital processes, the curriculum encourages material innovation and responsible production practices. Students engage with advanced techniques in textile embellishment, digital visualization, and surface experimentation, supported by state-of-the-art laboratories and design studios. Through research, industry collaboration, and project-based learning, they develop a holistic understanding of design, technology, and sustainability. Graduates emerge as forward-thinking professionals equipped to lead innovation across the global textile and fashion industries.

Ms. Saadia Saad
Program Coordinator – TDT

5th Semester

Course Code	Course Title	Credit Hour
TXDG-303	Textile History	2
TXCH-350/450	Wet Processing & Washing	4
CADN-313	Knit Design Technology	3
TXDG-300	Design Project I	6
TXDG-304	Textile Embellishment	3
	Total Credit Hours	18

6th Semester

Course Code	Course Title	Credit Hour
TXDG-328	Research Methodology	3
TXCH-356	Textile Printing & Coating	3
CADN-312	Advance Weave	2
TXDG-330	Design Project II	6
TXDG-302	Design Techniques(Workshops)	3
	Total Credit Hours	17

7th Semester

Course Code	Course Title	Credit Hour
TXDG-400	Design Research Project	6
TXDG-428	Dissertation(Eng-IV)	3
MGMT-414	Marketing Management	3
MATH-401	Textile Calculations	3
	Total Credit Hours	15

8th Semester

Course Code	Course Title	Credit Hour
TXDG-400	Design Research Project	10
TXDG-428	Dissertation	2
MGMT-415	Entrepreneurship	3
	Total Credit Hours	15
	Total Credit Hours	134

Studio Elective Course in 4th Semester

Course Code	Course Title	Credit Hour	Course Code	Course Title	Credit Hour	Course Code	Course Title	Credit Hour
TXDG-230	Creative Drawing	2	TXDG-240	Painting	2	TXDG-250	Fashion Illustration	2

BBA TEXTILE MANAGEMENT AND MARKETING (TMM)

The ability to fully comprehend global marketing challenges, and develop and implement plans and strategies for capturing local and international markets, are essential for keeping abreast with regional and international competition. Thorough knowledge of international markets, customer needs, developing timely products with cost efficiently forms the basis for continued growth and progress of an organization.

The purpose of the program is to meet the growing requirements of increasing market share in existing markets and capturing new markets in a highly competitive environment. Providing professionally trained and groomed managers with the capability to research new markets, identify new clients in current markets, make inroads in new markets, and develop customer need based products for achieving organization's growth and profit objectives, are the major focus of the program.

This program has a unique blend of courses in business management, textile processes, material and equipment therefore more relevant to textiles and related organizations.

1st Semester

Course Code	Course Title	Credit Hour
ACCT-101	Principles of Accounting - I	3
COMP-101	Computer Concepts	3
ENGL-101	English Language Basics	3
MATH-101	Mathematics I	3
TEXT-175	Introduction to Textile Manufacturing	3
PKST-100/200	Pakistan Studies	2
		17

2nd Semester

Course Code	Course Title	Credit Hour
ACCT-102	Principles of Accounting II	3
COMP-102	Computer Applications	3
ENGL-102	English Composition	3
MATH-120	Maths & Statistics for Business	3
TEXT-176	Natural & Manmade Fibres	3
RELG-100/200	Religion	2
		17

3rd Semester

Course Code	Course Title	Credit Hour
COMP-201	Internet & eCommerce	3
ENGL-201	Oral Communication	2
MGMT-201	Principles of Management	3
TEXT-201	Yarn Formation	3
ACCT-207	Cost Accounting	3
ECON-211	Micro Economics	3
		17

4th Semester

Course Code	Course Title	Credit Hour
FNCE-201	Business Finance	3
TEXT-202	Fabric Technology	3
LAWS-204	Business Law	2
ECON-212	Macro Economics	3
TEXT-220	Textile Testing	2
MGMT-250	Business Communication	3
		16



The Textile Management and Marketing (TMM) Program, offered under the Faculty of Textile, prepares future leaders for the dynamic global textile industry. The program blends core business management principles with specialized knowledge of textile processes, materials, and technology, offering students a unique competitive edge. With a team of experienced and foreign-qualified faculty, a research-driven learning environment, and a strong network of successful alumni, TMM ensures excellence in both academic and professional growth. Our close ties with the textile industry, hands-on internships, and international exposure provide students with real-world experience and open doors to exciting global career opportunities.

Dr. Muhammad Asif Khan
Program Coordinator - TMM

5th Semester

Course Code	Course Title	Credit Hour
ENVT-301	Environmental Management	3
MRKT-301	Principles of Marketing	3
STAT-306	Statistical Inference	3
ECON-312	International Trade & Finance	3
TXCH-350	Introduction to Wet Processing & Washing	4
MGMT-390	Production & Operations Management	3
		17

6th Semester

Course Code	Course Title	Credit Hour
MGMT-301	Research Methodology	3
MGMT-302	Organizational Behaviour	3
TEXT-303	High Performance & Smart Textiles	3
MGMT-309	Product Development	3
TEXT-313	Introduction to Weave Designs	3
MGMT-314	Marketing Managementt	3
		18

7th Semester

Course Code	Course Title	Credit Hour
APRL-401	Apparel Manufacturing	3
MGMT-407	Human Resource Management	3
MRKT-411	Personal Selling	3
MGMT-412	Supply Chain Management	3
MGMT-428	Management Research Project	3
		15

8th Semester

Course Code	Course Title	Credit Hour
MRKT-401	Export Marketing	3
MGMT-403	Retail Management	3
TEXT-405	Textile Merchandizing	3
MGMT-413	Strategic Management	3
MGMT-428	Management Research Project	3
		15

BBA APPAREL MANUFACTURING & MERCHANDIZING (AMM)

As a result of post WTO challenges, the country is moving towards exporting value added textiles with quick response and higher efficiencies to compete effectively. Moving along these lines, supply chain which includes product development; branding; international wholesale and retail, promises to be a very profitable function in coming years.

The Fashion and Apparel industry needs qualified executives to guide the technological revolution rapidly taking place with this multi billion-dollar industry. Skilled managers are required to deal with increasingly complex textile products and manufacturing techniques; tasks such as planning product lines months before they appear in the stores, are the order of the day.

The BBA in Apparel Management and Merchandizing is a combination of business and apparel courses. This program has been created to encompass all important elements of a successful apparel manager: procurement, quality, production, product development, marketing, management, merchandizing, finance, human resource management and sales.The program ends with a thesis project in a specialized apparel topic, giving the student an in-depth understanding of research, analysis, decision-making, and problem-solving.

1st Semester

Course Code	Course Title	Credit Hour
ACCT-101	Principles of Accounting - I	3
COMP-101	Computer Concepts	3
ENGL-101	English Language Basics	3
MATH-101	Mathematics I	3
TEXT-175	Introduction to Textile Manufacturing	3
		17

2nd Semester

Course Code	Course Title	Credit Hour
APRL-101	Introduction to Fashion Design	3
ACCT-101	Principles of Accounting II	3
COMP-102	Computer Applications	3
ENGL-102	English Composition	3
MATH-120	Maths & Statistics for Business	3
TEXT-176	Natural & Manmade Fibres	3
		18

3rd Semester

Course Code	Course Title	Credit Hour
APRL-201	Pattern Construction	3
ECON-201	Business Economics	3
ENGL-201	Oral Communication	2
MGMT-201	Principles of Management	3
TEXT-201	Yarn Formation	3
ACCT-207	Cost Accounting	3
		17

4th Semester

Course Code	Course Title	Credit Hour
APRL-202	Garment Technology I	3
TEXT-202	Fabric Technology	3
LAWS-204	Business Law	2
APRL-206	Apparel Pre-Production	3
TEXT-220	Textile Testing	3
MGMT-250	Business Communication	3
		17



The Apparel Manufacturing & Merchandising (AMM) program is designed to prepare students for leadership roles in the apparel and textile industry through a strong foundation in production management, product development, and supply chain operations. The curriculum integrates both technical expertise and business acumen, enabling students to understand the complete journey from concept to consumer. Emphasis is placed on innovation, digital transformation, and sustainable manufacturing practices, reflecting global industry trends.

Students are encouraged to adopt eco-efficient processes, responsible sourcing, and ethical abor standards. Through hands-on industry projects and collaborations, they gain exposure to modern technologies such as CAD, PLM, and lean production systems—ensuring they are equipped to drive innovation and sustainability in the evolving apparel sector.

Dr. Umair Ahmed Siddiqui
Program Coordinator - AMM

5th Semester

Course Code	Course Title	Credit Hour
ENVT-301	Environmental Management	3
MRKT-301	Principles of Marketing	3
APRL-302	Garment Technology II	3
TXCH-350	Introduction to Wet Processing & Washing	4
MGMT-390	Production & Operations Management	3
		16

6th Semester

Course Code	Course Title	Credit Hour
APRL-101	Research Methodology	3
ACCT-101	Organizational Behaviour	3
COMP-102	CAD/CAM for Textile & Apparel	3
ENGL-102	High Performance & Smart Textiles	3
MATH-120	Apparel Quality Control	3
TEXT-176	Product Development	3
		18

7th Semester

Course Code	Course Title	Credit Hour
MGMT-407	Human Resource Management	3
MRKT-411	Personal Selling	3
MGMT-412	Supply Chain Management	3
APRL-419	Apparel Production Management	3
APRL-428	Apparel Research Project	3
PKST-100/200	Pakistan Studies	2
		17

8th Semester

Course Code	Course Title	Credit Hour
MRKT-401	Export Marketing	3
MGMT-413	Strategic Management	3
MGMT-403	Retail Management	3
TEXT-405	Textile Merchandising	3
APRL-428	Apparel Research Project	3
RELG-100/200	Religion	2
		17

BBA FASHION DESIGN MANAGEMENT (FDM)

BBA in Fashion Design Management at Textiles Institute of Pakistan is a well rounded program to achieve a comprehensive degree in both fashion and business together; it's a smart way to understand the business side of fashion industry. This degree encompasses the skills required to get an in depth study of fashion, enabling student to start their own business or work for a big brand.

Fashion industry relies on the creative people but for managing and flourishing the business side administrative skills are taught in this degree. The key areas of focus are Trend forecasting, Design Management, Garment construction, Draping, Marketing, Supply Chain, Costing, Textiles technology, and Sustainability.

Attracting global buyers by displaying a complete design solution and value added garments are the need of current fashion and apparel industry.

1st Semester

Course Code	Course Title	Credit Hour
ACCT-101	Principles of Accounting - I	3
ENGL-101	English Language Basics	3
MATH-101	Mathematics I	3
FASH-110	Drawing I	4
FASH-150	Basic Design	4
		17

2nd Semester

Course Code	Course Title	Credit Hour
FASH-101	Introduction to Fashion Design	3
ACCT-101	Principles of Accounting II	3
ENGL-102	English Composition	3
FASH-120	Drawing II	4
MATH-120	Maths & Statistics for Business	3
		17

3rd Semester

Course Code	Course Title	Credit Hour
ACCT-101	Computer for Designers	3
COMP-101	Pattern Construction	3
ENGL-101	Business Economics	3
MATH-101	Principles of Management	3
TEXT-175	Fashion Illustration I	3
PKST-100/200	Introduction to Textile Manufacturing	3
		18

4th Semester

Course Code	Course Title	Credit Hour
FASH-202	Garment Technology I	3
FASH-204	Fashion Illustration II	3
LAWS-204	Business Law	2
FASH-205	History of Arts	3
TEXT-230	Textile Technology	3
MGMT-250	Business Communication	3
		17



The Fashion Design Management (FDM) program blends creativity with strategic business understanding, preparing students to become future-ready professionals in fashion and lifestyle industries. It focuses on design innovation, brand management, retail strategy, and product development while promoting an in-depth understanding of sustainable fashion systems. Students explore circular design principles, ethical sourcing, and material innovation to minimize environmental impact. Through collaborative studio projects, real-time industry engagement, and exposure to global fashion trends, they learn to balance aesthetic creativity with responsible design thinking. The program nurtures entrepreneurial and leadership skills, empowering graduates to become change-makers in a more sustainable and forward-thinking fashion ecosystem.

Dr. Umair Ahmed Siddiqui
Program Coordinator - FDM

5th Semester

Course Code	Course Title	Credit Hour
FASH-301	Design Realization I	3
MRKT-301	Principles of Marketing	3
FASH-302	Draping	3
FASH-303	History of Fashion & Costumes	3
CADN-304	CAD for Fashion	3
FASH-321	Fashion Photography	1
		16

6th Semester

Course Code	Course Title	Credit Hour
MGMT-301	Research Methodology	3
MGMT-302	Organizational Behaviour	3
MRKT-302	Fashion Marketing	3
FASH-304	Design Realization II	3
FASH-308	Apparel Quality Control	3
FASH-309	Product Development	3
		18

7th Semester

Course Code	Course Title	Credit Hour
FASH-401	Embellishment	3
CADN-407	CAD for Designer (Gerber)	2
FASH-402	Visual Merchandising	3
MGMT-407	Human Resource Management	3
FASH-428	Fashion Research Project	3
PKST-100/200	Pakistan Studies	2
		16

8th Semester

Course Code	Course Title	Credit Hour
MRKT-401	Export Marketing	3
MGMT-413	Strategic Management	3
MGMT-403	Retail Management	3
TEXT-405	Textile Merchandising	3
FASH-428	Fashion Research Project	3
RELG-100/200	Religion	2
		17

QUALITY ENHANCEMENT CELL [QEC]

Introduction:
Quality Enhancing Cell (QEC) at Textile Institute of Pakistan (TIP) Karachi, which is one of the 190 cells established in public & private universities/institutes of the country by the HEC from 2006–07. The thought process of this cell is to "improve the quality of education through continuous learning".

QEC Vision, Mission & Objectives:

Vision:
The mission is to develop workable techniques and mechanisms for the garment industry sector to meet the increasing challenges for socio-economic growth.

Mission:
The mission is to enhance quality education and produce a skilled young generation through continuous capacity building for new trends in textiles, fashion design, and marketing at both national and international levels.

Objectives:
To provide correct guidelines for a result-oriented way of technical education for the improvement of constructive change with new concepts and ideas in the industrial sector.

To initiate practical activities and guidelines for cost-effective productions through interaction between students versus students and faculty versus students for fresh ideas, concepts, and concrete suggestions.

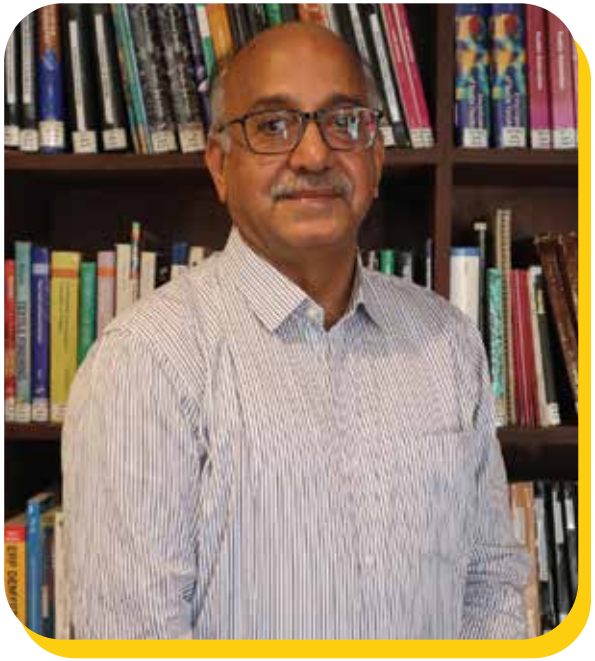
Why QEC?
- To survive & pace at the universal level.
- To compete in local & international markets.
- Enhance students' technical learning ability & skills.
- Improve and maintain academic standards.

The establishment of the QEC has been one of the vital steps taken to ensure that the TIP is moving in the right direction. Recently, the "Institutional Quality Circle (IQC)" has been established with reference to the HEC/Islamabad regarding the "Transforming Higher Education through Quality Assurance Process & Alignments of Institutional Practices with PSG-2023.

The Textile Institute of Pakistan (TIP) has been undergoing several innovative and constructive steps that are geared towards making it one of the best institutes in Pakistan. In keeping with the vision, the QEC attempts to survey all aspects of institutional functioning to bring these into line with the Quality Assurance Standards. The QEC at TIP is devoted to ensuring the quality and continuous improvement of academic programs. It works diligently to maintain the standards set by the Higher Education Commission (HEC/QAA), Pakistan.

To guarantee high standards in high-quality education, the QEC has established an Internal Quality Assurance (IQA) culture. This is accomplished by working with internal and external stakeholders to improve the overall quality of education for students, conducting routine internal program audits, and getting input from teachers, employers, alumni, and students. The QEC takes efforts to promote public confidence that the quality and standards of the award of degrees are enhanced and safeguarded through;

- By preparing a Self-Assessment Report (SAR, now Program Review for Effectiveness and Enhancement, PREE) and an Institutional Performance Report (IPR), now "Revised Institutional Performance and Enhancement (RIPE)" in alignment with institutional practices with Precepts Standards Guidelines (PSG)-2023/HEC, Islamabad, reviewing the quality standards and the quality of teaching and learning in each program.
- Developing a qualifications framework by setting out the attributes and abilities that can be expected from the degree holder.
- Enhancing quality assurance processes and methods of evaluation to affirm that the quality of provision and the standard of awards are being maintained and to foster curriculum, subject, and staff development, together with innovative activities.
- Regular evaluation, including program monitoring, faculty monitoring, and student perceptions by student feedback, faculty feedback, employer feedback, and alumni.



FACULTY



Permanent Faculty

Dr. Muhammad Asif Khan
Assistant Professor & Program Coordinator – Textile Management & Marketing
PhD in Education Management from the Institute of Business Management (IoBM), with over 20 years' experience in academia and leadership roles. Former Editor of HEC-recognized research journals Pakistan Business Review and New Horizons. His research focuses on educational management, communication, and organizational culture. HEC-approved PhD Supervisor and Rotary International GSE Fellow (USA).

Dr. Adnan Amjad
Assistant Professor and Program Coordinator– Textile Science
PhD in Textile-Based Composite Materials from Universiti Sains Malaysia, with research in advanced materials, sustainable textiles, and nanocomposites. Brings global academic and industrial experience from Malaysia and Pakistan, including roles in textile R&D and production management. Published in top-tier international journals and recipient of the Sanggar Sanjung Award (Malaysia) and HEC HRDI Scholarship.

Dr. Umair Ahmed Siddiqui
Assistant Professor & Program Coordinator – Fashion Design Management & Apparel Manufacturing and Merchandising / Senior Sustainable Textile & Fashion Designer / Academic Leader / Consultant
Umair Ahmed Siddiqui holds a Ph.D. in Fashion Designing from the University of Ulsan, South Korea. He is a versatile and accomplished TIP alumnus with over 22 years of experience in sustainable textile and fashion design, product development, merchandising, and academic leadership. He has led academic departments, coordinated programs, developed curricula, and served as a faculty member at multiple institutions. His professional experience spans designing sustainable fashion, apparels, sports and home textile collections, brand management, consulting for national and international projects, and conducting workshops and seminars. He is also an accomplished art critic and juror, with published research and contributions to international fashion and textile journals.

Dr. Muhammad Kamran Khan
Assistant Professor – Chemistry / Environmental Health Specialist
Dr. Muhammad Kamran Khan holds a Ph.D. in Chemistry (Environment) from the University of Karachi, with research on chemical speciation in water and air. He is a multi-skilled professional with expertise in environmental chemistry, air and water quality, occupational health and solid waste management. At TIP, he teaches undergraduate and graduate courses, supervises research projects, and contributes to curriculum development. His work spans air pollution monitoring, chemical exposure assessment, GIS-based risk analysis, GHG emissions, renewable energy, and climate change studies. He has extensive publications in peer-reviewed journals and actively participates in national and international conferences on environmental and public health.

Najma Jameel
Assistant Professor – Mathematics & Statistics
MS in Mathematics from the Virtual University of Pakistan; M.Sc. from the Federal Urdu University of Science and Technology. Ms. Najma Jameel has more than 15 years of teaching experience across undergraduate and advanced mathematics courses including Probability, Statistical Inference, Linear Algebra, and Computational Software Applications (MATLAB, Mathematica). Her teaching approach emphasizes clarity, analytical thinking, and the practical application of mathematical concepts. She is also engaged in research and AI-integrated learning innovations to enhance mathematical understanding.

Saadia Saad
Assistant Professor & Program Coordinator – Textile Design & Technology
Ms. Saadia Saad holds a Master's in Design Marketing and Merchandising from the Asian Institute of Fashion Design (AIFD). With over a decade of academic and professional experience, she integrates design education with industry innovation and sustainable practice. Her teaching and leadership emphasize research-led design, curriculum development, and student–industry collaboration through projects with leading textile firms and exhibitions such as TEXPO and Karachi Biennale. A former product development manager and practicing designer, Saadia's work bridges creative research and applied design. Her publications and international presentations reflect her focus on sustainability, cultural heritage, and contemporary textile innovation.

Muhammad Dastagir Ansari
Lecturer – Information Technology
He holds a MS in Data Engineering & Information Management from NED University, and MBA (Management Information System) from Muhammad Ali Jinnah University. He has extensive experience in IT infrastructure, data systems, and digital learning integration. Specializes in ERP, cybersecurity, and data analytics, bringing over 15 years of expertise in optimizing academic and operational technologies. Actively contributes to HEC-led digital initiatives and quality enhancement through roles in QEC and data governance.

Muhammad Zia Uddin Sheikh
Lecturer – Religion and Pakistan Studies
M.Phil. in Islamic Studies from the University of Karachi, currently pursuing Ph.D. in the same field. Over 15 years of teaching experience across higher secondary and degree levels. Brings deep expertise in Islamic Studies, Pakistan Studies, and Urdu, combining classical scholarship with contemporary relevance. Known for his engaging teaching style and commitment to moral and civic education.

Muhammad Arsalan Alam
Lecturer – Apparel Manufacturing and Merchandising / Entrepreneur / Marketing Expert
Muhammad Arsalan Alam holds a Master's in Design Marketing and Merchandising from AIFD, and a Diploma in Fashion Design from Indus Valley School of Arts and Architecture. He is a TIP alumnus and a versatile professional with expertise in apparel manufacturing, fashion design, marketing, and entrepreneurship. He has founded multiple companies across diverse sectors and brings practical business experience to the classroom. At TIP, he teaches courses including Garment Technology, Entrepreneurship, Apparel Manufacturing, Digital Marketing, and E-Commerce, while developing curricula and mentoring students. His experience spans program coordination, brand management, and start-up consulting, enabling students to gain both theoretical knowledge and practical industry insights.

Umair Nizami
Lecturer – Economics
M.Phil in Economics from the University of Karachi, with over 15 years of experience in teaching and research across leading universities. Specializes in Economics, Research Methodology, and Statistics, integrating advanced analytical tools such as SmartPLS, EViews, and SPSS in classroom instruction. Published researcher with multiple papers on textile economics, trade policy, and sustainable industry transformation. Actively involved in curriculum development, academic planning, and student mentoring.

Shafia Sagheer
Lecturer – Textile Science
Ms. Shafia Sagheer holds an M.Phil. in Organic Chemistry from ICCBS, University of Karachi, and has a strong background in textile chemistry and dye synthesis. She teaches laboratory and theory courses, supervises research projects, and contributes to academic development at TIP. Her research includes antimicrobial reactive dyes and UV-protective acid-azo dyes, with publications in peer-reviewed journals. She has actively participated in national and international textile and chemistry conferences and workshops.

Zubia Umer Rehman
Lecturer – Textile Design & Technology
Bachelor's in Textile Design from Indus Valley School of Art & Architecture (Distinction in Thesis); currently pursuing a Master's in Art Education from Beaconhouse National University. A seasoned textile design professional with over 15 years' experience leading iconic fashion and textile brands. Former Deputy General Manager at Orient Textile Mills, where she pioneered trendsetting collections and introduced hand embroidery on lawn prints. Brings extensive expertise in woven, printed, and embroidered textiles with a focus on creative innovation and design leadership.

Masfah Sheikh
Lecturer – Textile Design & Technology
An alumna of the Textile Institute of Pakistan with a BSc in Textile Design Technology (Magna Cum Laude), Ms. Masfah Sheikh combines creative insight with industry experience gained as a Senior Textile Designer at IDEAS by Gul Ahmed. She teaches core studio and theory courses including Print Design, Textile Embellishment, and Design History, inspiring students to merge design innovation with cultural and sustainable relevance. Known for her strong command of digital design tools and visual storytelling, she also contributes to institutional projects that blend creativity with modern communication design.

Visiting Faculty

Altaf Gul Muhammad
MBA (Hamdard University), Stanford GSB LEAD Alumni
C-suite executive with 30+ years of leadership experience in operations, marketing, sales, and supply chain management. Currently Chief Supply Chain & Operations Officer at Yunus Textile Mills, he has driven multimillion-dollar procurement savings, implemented Lean/5S transformations, and led SAP/Oracle integrations across manufacturing operations, securing significant international business. Known for strategic innovation, cost optimization, and mentoring future leaders.

Asghar Abbas
MBA (IoBM)
Experienced educator and financial manager with over a decade in teaching and financial operations. Managed budgeting, payroll, taxation, and supplier reconciliations at Al-Abbas Enterprises and completed internships at RBS and Barclays. Skilled in accounting principles and structured teaching, delivering high-quality education in O- and A-Level Accounting and Business Studies.

Asia Munawwar
MS Design Marketing & Merchandising (AIFD, Iqra University)
Fashion designer, stylist, and educator blending creative vision with technical expertise. Led design teams for luxury Pret and bridal collections, managed product planning, and served as Senior Designer at Sheep Clothing. Experienced in teaching courses like Fashion Illustration, Draping, and Pattern Making, merging design aesthetics with industry insight.

Dr. Syed Adeel Ali Shah
PhD Management (University of Kuala Lumpur)
Supply chain leader and academician with 20+ years of experience in textiles and apparel. Expertise in operations, sustainability, and global supply chain management. Served senior roles at Wünsche GmbH and Vista Apparel; teaches and supervises research at undergrad, graduate, and doctoral levels. Published researcher with a focus on sustainable and digital supply chain strategies.

Faisal Osman
Textile Designing Certification (North City School of Arts), Aptech & Arena Multimedia Instructor Credentials
Expert in textile and digital design with 20+ years of experience. Former Head of CAD/CAM Department at Pakistan Bedwear Designing & Training Institute. Skilled in RAMSETE III and DELTA-NT software, providing design solutions and mentoring in digital print and textile innovation.

Hassan Essani
BBA (Hons.) Apparel Manufacturing and Merchandising
Retail and apparel business leader with 10+ years of experience. Currently Regional Sales Manager South at Outfitters, overseeing retail operations, expansion, and revenue growth. Previously worked at Levi Strauss & Co. and Debenhams, managing global brand portfolios. Certified in Denim Leadership (Levi's) and LUMS leadership programs.

Imran Raza
MSc Textile (TIP)
Textile expert, consultant, and professional trainer with 20+ years of experience in dyeing, printing, and finishing. Led trainings at top mills, collaborated with GIZ and ILO on curriculum development, and contributes to academic leadership, bridging industry and education.

Fazlur Rahman
MS Polymer & Textile (Hamdard University)
Veteran textile educator and consultant with 40+ years of experience in teaching, research, and industry training. Specialized in spinning, fiber technology, and quality control. Represented Pakistan in international training programs and published in leading textile journals.

Iqbal Ahmed
Bachelor of Design (NCA Lahore)
Designer and educator with 30+ years of experience in art, design, and visualization. Taught at leading art institutions, worked on high-profile design projects in Saudi Arabia, and led cultural preservation research projects. Proficient in traditional and digital media.

M. Saleem Hamdani
BSc (Hons) Textile Sciences, MBA Management Information Systems
Textile professional with 20+ years in development, technical coordination, and quality assurance. Director Technical at Wiltex, experienced in textile printing, dyeing, finishing, and bio-processing. Managed quality for global retailers and mentored students in innovative textile applications.

Saleema Naz
Master Design Management & Merchandising (IUT, Iqra University)
Textile designer and educator with 20+ years of experience bridging creative design and production. Worked with DL & Nash Export Mill, Amsons Textiles, and Thredz. Focused on handloom preservation, design education, and mentoring emerging designers.

Sheema Khan
Master in History (University of Karachi), BFA Miniature Painting
Visual artist, educator, and performer integrating traditional and contemporary art forms. Exhibited nationally and internationally; teaches and mentors emerging artists. Work explores cultural identity, gender, and collective memory, with multiple national awards.

Shariq Naveed
Master's Microbiology (University of Karachi)
Pharmaceutical leader with 25+ years of experience in marketing, sales, and business unit management. Business Unit Head at Herbion Pakistan, successfully launching divisions nationally and internationally. Known for strategic leadership and mentoring high-performing teams.

Jabeen Qadri
Master's Art & Design Studies (Beaconhouse National University), UMISAA Scholar
Multi-disciplinary artist and writer exploring existential and psychological themes through drawing, writing, and hybrid media. Art Editor at The Missing Slate Magazine with international collaborations. Practice integrates art, storytelling, and social empathy.

Ali Javaid Vastani
MBA Advertising & Communication Design Management (IoBM), BSc Textile Design Technology (TIP)
Educator and creative professional with 15+ years of experience across visual arts, photography, film, and digital media. Leads Shutter Speed, his photography and film venture, while inspiring students in creative and technical disciplines.

Sadaf Haque
MBA Marketing (IoBM), BBA (Hons.) Textile Marketing, Gold Medalist Marketing professional with 10+ years of experience in strategic marketing, brand development, and communications. Initiated her career from International Textile Ltd – Led projects for major brands like Lawrencepur, Makeup City, BLS and founded Sweeductions combining creative direction and business acumen for multi-sectoral impact.

Ehtesham Ansari
Master Surface Design (Birmingham City University), BFA (Indus Valley School of Art and Architecture)
Stylist, textile artist, and educator with 18+ years of experience in fashion, film, and music. Known for work with Coke Studio, sustainable brand 82Textile, and Stitch Lab. Combines design innovation, sustainability, and artisan empowerment.

Adnan Pardesy
Bachelor Fashion Design (Asian Institute of Fashion Design)
Visionary fashion designer with 15+ years in couture, known for architectural precision, fabric manipulation, and structural minimalism. Showcased at QIFF and Pakistan Fashion Week, committed to education and nurturing upcoming designers.

Raheela Abro
Master's Art Education (Beaconhouse National University), PhD Candidate Teacher Education (University of Karachi)
Contemporary visual artist-educator with national and international exhibitions. Teaches Fine Arts, supervises postgraduate research, and merges scholarly research with artistic practice in painting, miniature, sculpture, and public art.

Muhammad Uzair Khan
MBA Marketing (IBA), BSc (Hons) Textile Science
Textile professional with 20+ years of experience in quality management, compliance, and operations. Led QMS implementation across multiple textile firms, ISO standard adherence, audit frameworks, and organizational transformation initiatives.

Umair Khan
BSc Honors Textile Science (TIP)
Textile operations leader with 20+ years of experience in product development, wet processing, merchandising, quality systems, and sales. Director Operations at Fabricules; experti

COURSE DESCRIPTIONS

SCIENCE

MATH-101 Credit Hours: 3
Introduction to Mathematics
This undergraduate course of Business Mathematics is intended for freshmen in their first semester and is essentially free of all pre- requisite knowledge other than basic arithmetic and algebra. It aims at providing students an insight into the mathematical aspect of business problems. This is accomplished by familiarizing them with the mathematical techniques involved in different problems related to cost effectiveness, interest computation and mathematical feasibility. A large portion of the course is devoted to linear programming and inference.

MATH-102 Credit Hours: 3
Calculus and Analytical Geometry
This course aims at providing a thorough understanding of the principles of co-ordinate geometry and calculus. Students are taught to analyze geometrical problems using the coordinate system.

The basic objective is to build the concepts from the fundamental understanding of a straight line, slopes and inclinations right up to the standard forms of the equation of a straight line. Calculus covers the basic concepts of a function, evaluation of limits and techniques of differentiation.

On completion of this course students will be familiar with fundamentals of non Euclidean Geometry and Calculus, and be able to pursue an advanced course of geometry incorporating calculus of a higher degree.

MATH-106 Credit Hours: 3
Differential Equations
This is an elementary course in Differential equations intended for freshmen. The prerequisite is a thorough grounding in elementary calculus, which includes ordinary and partial derivatives and the theory of Integrals.



Differential-equation is a subject that surfaced centuries back and research continues in it to this day. It caters to a vast variety of problems, related to science, engineering, physics and textiles; rendering problem-analysis easy and manageable in a mathematical way. The diversity of the subject ranges from problems related to neural networks to problems related to livestock husbandry.

TXCH-101 Credit Hours: 4
General Chemistry
This is an over view of the basic principles of chemistry covering atomic and molecular structures, acids - bases and electrolytes, measurement and calculations, thermodynamics, solutions and phase equilibrium, chemical reactions and reaction kinetics, behavior of common class of chemicals/auxiliaries used in textile.



EMPLOYER'S CORNER

Altaf Gul Muhammad
Director, Yunus Textile Mills

Textile Education in various disciplines is still as important for the country as it was earlier. Dependency of the economy on textiles makes it extremely desirable to have smart intelligent human resources who can utilize their education and acumen to benefit the textile industry and make it world class.

TIP, being a leading textile education institution in Karachi, has been playing a very important role in bringing out useful human resources who have, over the years, played vital leadership roles both in technical and management portfolios in various textile manufacturing organizations. I personally believe that TIP has the ability to provide what industry needs .

TXCH-102 Credit Hours: 4
General Chemistry
This course introduces the fundamental principles of organic chemistry necessary to understand the properties of various fibers (natural and man-made), auxiliaries, dye stuff and finishes used in textile processing.

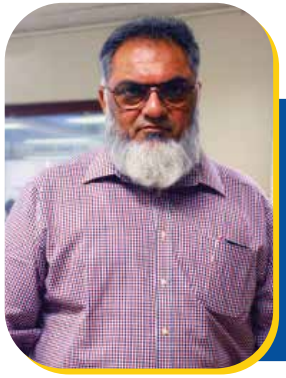
MATH-120 Credit Hours: 3
Mathematics and Statistics for Business
This course provides students a thorough awareness of business that can be tackled using quantitative techniques available for objective decision making. The course covers both statistical and mathematical topics that would be of assistance in research and analysis related to marketing, operations and similar business activities.

MTSC-215 Credit Hours: 4
Polymer Science
The comprehensive knowledge of chemistry of macromolecules is fundamental to the plastic and textile industries. Keeping in view the importance of the subject, this course is designed to cover the basic and applied aspects of the polymer chemistry. More emphasis has been given to polymers which are directly or indirectly related to the textile and fibre industry.

PHYS-201 Credit Hours: 3
Conceptual Physics
This course provides the students the basic knowledge of fundamental principles of physics applicable to textile manufacturing. It includes the fundamental and derived units of measurement, precision of measurement, motion, force, work & energy, fluids and fluid dynamics, optics, light, its color composition and measurement, appearance of color on objects, measurement of color composition of textile fabric.

MATH-202 Credit Hours: 3
Business Mathematics and Statistics
This course provides students a thorough awareness of business that can be tackled using quantitative techniques available for objective decision making. The course covers both statistical as well as mathematical topics that would be of assistance in research and analysis related to marketing, operations and similar business activities.

ENVT-301/401 Credit Hours: 3
Environmental Management
The course aims to provide some basic understanding to examine the integrated nature of ecology, industry and pollution and the forces, which tend to disturb the natural environment. The course is designed to create awareness about various environmental and health hazards resulting from non-environment friendly industrial practices. Information is also covered on remedial actions and interventions based on Best Available Technologies. This course also aims to bring in focus the importance of Statutory Regulations, Environmental Quality Standards and Procedures of Environmental Protection.



EMPLOYER'S CORNER

Tariq Haroon Dada
General Manager - Tata Textile Mills

I need people with positive minds and those who are eager and enthusiastic to do work and that is the only reason our management is being in favour of TIP students. They are excellent in their analytical approach. It has always been great to work with them and we always welcome more students from TIP.

TEXTILES

TEXT-175 Credit Hours: 3
Introduction to Textile Manufacturing
The main objective of this course is to provide a basic understanding of all processes involved in the manufacturing of textile products from basic raw materials. Emphasis will be on the use of terminology, fundamental understanding of the composition of the textile industry and the application of the scientific, technical and business principles utilised in the production and usage of fibres, yarns, fabrics, dyes, finishes and resultant textile products. Visits to textile mills and other allied units are arranged during the course to give students a better insight into the textile industry.

TEXT-176 Credit Hours: 3
Natural and Man-made Fibres
This course introduces the concept of natural and synthetic polymers as fibrous raw materials. An important part of the course is the sources, properties and processing behaviour of fibres and filament yarns for manufacture of textiles. The formation of textile fibres by means of polymer science and engineering principles is also included. Laboratory work associated with this course involves training students in the operation of modern, sophisticated and automatic fibre testing equipment by means of actual hands-on- operation.

TEXT-201 Credit Hours: 3
Yarn Formation
This course involves the study of fibre processing systems required to transform various fibrous materials into a yarn. Yarns are the intermediate products of textile industry and the basic material for producing fabrics by weaving and knitting methods. The course includes the understanding of fibre properties to form a suitable yarn, study of different types of yarn and methods of producing yarns using conventional as well as latest techniques of spinning. Emphasis is placed on processes and machinery used more frequently in the spinning plant.

TEXT-202 Credit Hours: 3
Fabric Technology
The course is designed to teach students the different methods of fabric formation. Basic principles and mechanisms of weaving, knitting and non-wovens are covered. Elementary calculations involved in each of the fabric forming techniques are also taught. Laboratory work and visits to textile mills are arranged to consolidate theoretical class work.

TEXT-220 Credit Hours: 3
Textile Testing and Compliance
The objective of this course is to impart in students the knowledge of off-line testing techniques for fibrous materials, yarns and fabrics. The student will not only develop understanding and interpretation of test results but also learn the relationship between product characteristics and performance criteria of the end user

TXCH-250 Credit Hours: 4
Textile Pretreatment and Machinery
This course encompasses the textile pre-treatment application covering desizing, scouring, bleaching and mercerization processes. Moreover it covers the machinery which is used in textile wet processing.

TEXT-301 Credit Hours: 3
Spinning Mechanisms
This course involves study of fibrous materials and their relationship to the fibre processing system. The mechanisms of the machines used for spinning of fibres into yarns are also taught. The settings and speeds of functional parts of the machines and their adoption to the type of fibres processed are included. The relationship of draft, twist and other gearing of machines with their output rate and maintenance of production balance at each stage form an important part of the course.



EMPLOYER'S CORNER

Aurangzeb Ahmed Khan
Group Head HR - SiddiqSons

It is the only institute in Pakistan where industry is very specific about textiles. Secondly it's not about bigger names coming with bigger ideas it's about how creative a person is, luckily the students of TIP as employees are very creative they think out of the box and that is the reason we hire them.

TEXT-302 Credit Hours: 3
Knitting Technology
This course is designed to provide basic understanding of knitting technology including the principles of the knit structures and the production processes involved. The course will cover the basic fabric structures and knitting elements of weft knitting.

TEXT-303 Credit Hours: 3
High Performance and Smart Textiles
This course is one of its kind prepared to provide up to date knowledge on the recent developments and ongoing research in the field of material sciences and their application in product development and product innovation in Textiles.

TXCH-304 Credit Hours: 4
Dyeing I
This course introduces textile dyes and their application covering fundamental principles of dyeing process like dye sorption, diffusion, dye-fibre bond, thermodynamics and rate of dyeing in heterogeneous systems. Moreover it covers structure, properties and dyeing process of direct, reactive, vat and sulfur dyes.
TEXT-312 Credit Hours: 3
Weaving Mechanism
This course deals in detail with the processes and mechanism of weaving on the loom and includes primary, secondary and ancillary motions. The scope of tappet, dobby and jacquard shedding in fabric designing is also taught. Both shuttle and shuttle-less weft insertion systems are covered in detail.

TEXT-313 Credit Hours: 3
Introduction to Weave Design
The objective of this course is to introduce students to various woven fabric structures. Construction of different weave designs, including basic weaves (plain, twill, satin & sateen) and their derivatives, is covered in this course. Elements of weave design i.e. drawing-in draft, lifting plan and reed plan are also introduced. The application of CAD for the implementation of dobby and jacquard woven structures is also taught on specialized Nedgraphics CAD software.

TXCH-316 Credit Hours: 4
Dyeing II
This course covers the structure, properties and dyeing process of disperse, acid and cationic dyes. Furthermore it introduces the dyeing of blends of fibers, dynamic completion between dyes and fibers, incompatibility issues and differential dyeing of fiber variants.

TEXT-403 Credit Hours: 3
Advanced Fibre Processing
Concept of current fibre processing machines, techniques, practices and their validity are investigated. Problems are assigned that require use of acquired knowledge of textile testing equipment and processing machines. The relation of fibrous material properties and processing dynamics of the fibre assemblies produced is also studied.

TEXT-405 Credit Hours: 3
Textile Merchandizing
This skill set is in high demand throughout the textile industry. It focuses on the coordination of marketing, sales, product development, production, and quality and customer service. The students will learn to follow orders from product development, fabric development, sampling, testing, inspection and shipment. This course will cover both apparel and home-textiles.

TEXT-411 Credit Hours: 3
Advanced Woven Fabric Structure & Design
This course is the continuation of the course TEXT-313 (introduction to weave designs). More advanced woven fabric structures as well as special form of woven fabric like terry, velvets, carpets, velveteens, multi-ply cloths, etc. are covered. This course also emphasises on woven cloth geometry and geometrical calculations of important woven fabric parameters for different weaves.



TEXT-421 Credit Hours: 3
Advanced Fibre Science
The course aims at providing students with objective information regarding physical and chemical structures and properties of fibre-forming polymeric materials. Course content will cover the structure and properties of commonly used textile fibres and their relationship with the structure and properties of yarns and fabrics produced. The course will also encompass the latest developments in fibre science to accommodate the requirement of the end users.

TEXT-428 Credit Hours: 6
Textile Research Project
All students in the final year have to undertake a research project. The area of study, chosen under faculty guidance can be in any textile-related area of their interest. A faculty member assigned to oversee the research project reviews the written document periodically. The project is extended over a period of two semesters. The findings of the research are submitted to the faculty supervisor in the form of a written project report.

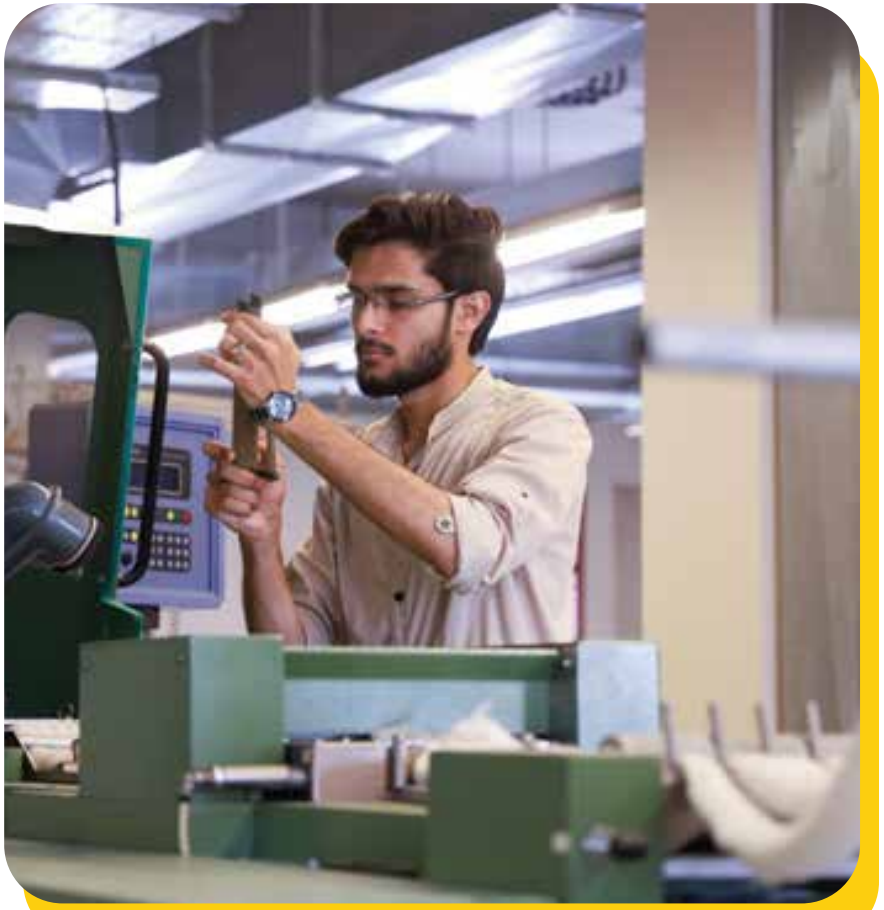
The project evaluation is done both by the faculty supervisor and by an external examiner of the concerned field. The students also have to defend their paper in an extensive interview session by the external examiner.

TXCH-457 Credit Hours: 4
Textile Printing & Coating
This course introduces students to printing equipment, materials, processes and process control used in printing of natural and synthetic fabric using pigment and/or dyestuff, colour separation, printing screens and coating.

TXCH-458 Credit Hours: 4
Textile Finishing
Textile finishing covering mechanical & chemical finishing, chemical finishing including easy care finish, waterproof, water repellent, & soil-release finish, softeners, flame-retardant finish, aroma-wellness finish & nanotechnology.

TEXT-471 Credit Hours: 3
Plant Layout and Design
Students in this course are taught how to design a plant facility. Factors, which should be considered in selection of site, plant, machinery and equipment, preparation of market profile and finally the economic justification for setting up a textile manufacturing unit, are dealt with in detail.

This course also includes methods of calculating total project cost, preparation of financial plan, arrangements for finance, method for working out working capital requirements, fixed cost & product cost. Method of working out manpower requirements for production, quality control, technical, human resource development, marketing, finance, management departments etc. are included in the course.



TEXTILE DESIGN

Art Appreciation
In Art appreciation we aim to figure out how to understand workmanship by moving toward it from a wide range of directions, breaking it down from multiple points of views. Subjects and imagery, historic and social setting (the "what" of a work), materials and strategies, principles of designs and elements (the "how" of a work), all become possibly the most important factor. This course aims to deepen the understanding of artistic and visual traditions, encourages creativity and expands professional perspective.

Design History & Theory
Design History and Theory informs student about History of design, its origin, how it emerged as a profession, its process and helps analyze a design, its systems while understanding the demands of a market/target group. This course prepares students for their department and how would they cater various target group(s)/market according to their characteristics while providing them an over view of design tendencies. Students develop a critical eye to look at any work of design solution and analyze it using their knowledge of design theory and development throughout the history.

Basic Drafting
This course is an introduction to the basic principles and techniques of drafting skills. Students will learn the conceptual and technical aspects of drafting through carefully designed practical assignments and projects. Emphasis is placed on students' safety, tools and procedures, geometric construction, sketching, dimensioning practices, visualization, and projection concepts.

Basic Drawing I
An introduction to a variety of approaches to drawing, this course provides students with the tools for both structured and experimental exploration in the studio. Distance and form are examined along with the exploration of gesture, contour and the modelling of forms. Emphasis is on the development of observation and the understanding of range of mediums and techniques. Basic concepts of drawing (line quality, composition, tonal value etc.) will be actively engaged throughout the course.

Basic Drawing II
This course serves as a transition between basic skill development and advanced techniques and mediums exploration. While it continues to build upon the technical abilities students bring to the class, it will entail the students to expand their understanding about what they are doing. The course allows students to explore image making, using mediums and different possibilities of representation. The emphasis is on the usage of mediums along with the experimentation and synthesis of the elements of visual arts.

Digital Communication
In this course student explores typography specially focusing on the usage of an appropriate typeface. Further exploring the possibilities of Digital





EMPLOYER'S CORNER

Salim Chatoor
Managing Partner - Threads and Motifs

We have been employing graduates from TIP for almost a decade now and have found them to be extremely dedicated, hardworking and creative with strong technical skills. A graduate from TIP will always be preferred by us because of these traits. I congratulate TIP for instilling these qualities in their students and I hope they continue this excellent work which benefits the textile industry and the country.

Communication. Acquiring appropriate skills to use graphic tools as a medium to communicate, express, interpret and present an abstract thought on paper. Students get hold on graphic design systems to produce object- or form- oriented graphics.

Basic Design I
This course introduce students to the basics of the principles and elements of design, be it in textiles, architecture or graphics etc. It will be an introduction to problem solving skills and terminology used in visual arts.

An understanding of the principles and elements of design is developed through exercises and students learn the visual language, required to express their original ideas. They also use this visual language in the analysis of design, in relation to the context, expression, information and interpretation.

Basic Design II
This course explores the possibilities of basic elements or building blocks selected to convey the message through visual language. It helps in determining how items on a surface are placed to establish the structure of designs and its effects on the general understanding.

It also enables students to experiment with the elements and principles of design, systematically explored in Basic Design-I, to communicate the desired message by making informed choices. By the end of the first year, students are expected to have understood the role of design principles and use of the design elements in creating aesthetically appealing design compositions and layouts.

Interior Design & Decoration
This Course aims to teach students the Visual Language of interior design & furnishing. Students learn how to apply the concepts of three-dimensional design to the reality of a finished space. As a Textile Designer how can they use their knowledge of decorative textiles and fabrics, gain the product knowledge required to select and specify cost-effective finishes suitable for the intended end use to create a professional and enduring interior space. Understand the functional and aesthetic properties required for bed linen, rugs and decorative textiles.

Product Development
The focus of this course is to understand the capabilities of mainstream technology used in the textile industry for weaving, dyeing, printing and finishing- both for limitations and for better utilization of this technology and to bridge the communication gap between technologists and designers for efficient production. This course also emphasizes the supply chain process from marketing and production toretail for an effective business input into the design process.

Art History I
Art History encompasses the progress of humankind, from the prehistoric times (30,000 BC-3000 BC), through to the Renaissance (1400-1800 AD). This course gives a fascinating and seemingly endless tour through the world of art revealing a classical collection of thousands of years of human practice and progress; inspiring the student to brave his/her creative side and to appreciate a variety of aesthetics. This course gleans the earliest art from the beginnings in prehistory to the Roman Empire, from the Medieval Art of the West through to the Renaissance and the Baroque and Rococo. In short, it will cover the Art of the Western Civilizations till 1750 AD and of the Eastern Civilizations only up till the period Mesopotamian Art and the Islamic Art of the Middle Ages.

Art History II
This course examines the art pre-modern (1800-1880AD).The study progresses to an exploration of art of the modern and post-modern art of the 21st century with an in depth understanding of avant-garde art. Students also explore the works of Pakistani artists who have contributed to the field of art in the past and the present. The study of Art History requires a student to gain knowledge and understanding of what they see in terms of elements and principles of art and design. Comparisons are drawn with the mind's eye of the different artists/movements and the works produced. The aim of this course is to enable students to understand the objectivity and subjectivity in the works of art, the value of diverse experiences & shared knowledge as a way of continuing art & tradition sand combining the exposure to art history with the desire to foster art appreciation.

Drawing Project
This course is a project based studio practice which allows students to engage with the enquiry in art and design where the emphasis is given to 'active learning' and 'self-directed study'. Students understand the importance of drawing as a



fundamental source of visual enquiry in the textile design process. Within the context of a project there may be emphasis on the acquisition of a skill, the learning of a practice, visual analysis, critical analysis, problem solving or expressive interpretation. Students will explore the visual characteristics of a given theme by producing number of drawings. The outcomes from this phase of the project will then be incorporated in the development of textile print in the next phase. These projects will also allow students to have a response and to learn to evaluate the work of contemporary artists, craftsmen, designers and architects as well as those from other than their cultures, countries and times.

Creative Drawing
In this course, students build upon and reinforce the creative process of engaging imagination; the process of image making advances to a complex and particularized level. Students will learn to work in various styles and with unconventional techniques to acquire unexpected results through exploration of the aforementioned. Use of appropriate visual language, processes, style and medium will be the prime concern for the class while working on different subject matters.

Intermediate Painting
This course provides students with an opportunity to explore the advanced techniques and processes of painting through studio practice. Students will undertake a series of projects that will enable them to address and experience variety of visual concepts through painting. Instruction includes the preparation of painting surfaces, exploration of materials and methods, and the development of imagery in relation to historical precedents, contemporary issues and personal expression.

Fashion Illustration
In this course students learn how to display their apparel designs as finished products in 2D drawing form. They learn various methods of creating illustrations for men's apparel, women's apparel and children's wear.

Print Design I
In this course students learn the complete design development process from realistic visual study to motif and layout developments. Emphasis is on sketchbook developments till the final finished layouts. They learn the various repeats used in textiles. The imagery developed in the drawing courses is used to create a print design. Students produce these designs, applying all the design principles learnt in the first year and within the specifications of silk screen printing technology.

Print Design II
This course aims to focus on various theme based designs, enhance the design development of students for a variety of end products. Textile Prints are created in this course following design process of development, for silk screen printing and its technical limitations. Students select a theme and learn to create main print along with its coordinates and color ways. Furthermore they work in the printing lab to execute these designs with various printing techniques and mediums on variety of fabrics.





ALUMNI SUCCESS STORY

UROOJ MUGHAL
General Manager Home Textiles - Ideas by Gul Ahmed

An unwavering commitment to excellence, coupled with the dedication of the faculty, equipped me with the knowledge, skills, and passion necessary to thrive in the dynamic world of textiles. I am filled with immense gratitude for the pivotal role Textile Institute of Pakistan has played in shaping my career and professional growth.

Weave Design I
This course is a basic introduction to handlooms and the processes involved in handloom weaving. Basic weave structures like Plain, Twill, Satin, Sateen, Basket, etc are introduced. Based on this knowledge, students also develop fabric samples designed by them.

Weave Design II
The basic course objective is to explore woven fabric designs used traditionally in the South East Asian region. They also learn off loom weaving methods using various materials, and create samples using both, off loom and on loom techniques. In this advanced handloom weaving course, students explore and learn complex traditional weaves involving painstaking labor and exciting technical challenges. This develops an appreciation of traditional textile crafts produced by our indigenous craftsmen, with specialized skills and highly sophisticated methods on these looms. At the next level in Design Projects students introduce their creativity and suggest innovation, where possible, to adapt these crafts and techniques to the contemporary consumers

Computer Aided Designing I
This course is designed to develop an understanding of the digital medium used in textile design .This gives them an opportunity to develop and manipulate their ideas on software like Photoshop which are an essential tool for digital designing worldwide. They convert their designs as per the specification of the production technology. In this course the emphasis is on print designs and their mapping on the various home textile products.

Computer Aided Designing II
This course further reinforces the understanding of the digital medium used in textile design. The students learn and explore digital drawing and various tools and methods practiced in textile industry. The students convert their designs as per the specification of the production technology. In this course the emphasis is on print designs and their mapping on the various fashion and apparel products.

Textiles History
This course is conducted chronologically, starting with the historical survey of the development of textiles from prehistoric to modern times, emphasizing the influence of various geographical and cultural factors. It locates the significance of textiles in the traditions and customs of different peoples, treating textiles as artefacts of times and places. The methods of production are discussed within the context of their greater anthropological framework.

Design Project I
This course is project based. Students develop designs which are product and market oriented with complete specification for production adaptability.
They explore the market for trends, study the target clientele and execute ideas keeping the limitations and possibilities of the suggested production method.

Design Project II
This course is trend focused. Students start with visual study, develop designs and produce textiles, according to a brief given to them according to trends predicted for that year, with specific end use and well defined target market e.g. Home textiles for the European market.
This is a mini thesis and students learn to do research driven project.

Advance Weave
The aim of this course is to make students familiar with the different and advanced techniques of weave design creation on CAD System for Simple/Complex weaves, Dobby & Jacquard and their application in the Textile Industry. It will equip the students with the understanding of the CAD – Computer Aided Designing to CAM – Computer Aided Manufacturing (from design creation to production)..

Design Techniques
This course is to introduce the students to different traditional design techniques. They shall be exposed to the realm of fabric coloration through paints,





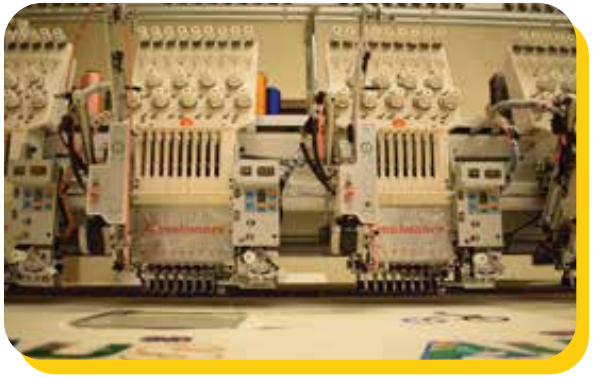
dyes, resist pastes, bounds & bleach. Students will also learn the techniques of surface embellishment and value addition on textiles using block printing, and embroidery. Skill in the application of design through the above mentioned media will be sharpened, and emphasis will be given to composition, colors and material exploration.

Textile Embellishment
This is a supportive course for textile designers in adding value to their final product. The course will develop skills to apply techniques of embellishment to apparel or home textiles surfaces with creativity linked with value addition and product development through needle craft, patch work, appliqué, bead and sequins work, crochet, machine embroidery etc.

Design Research Project
The design students are required to undertake a major project in their final year. This project is expanded over two semesters i.e. 7th and 8th. Students develop their own brief and create a range of products for a target market, taking inspiration from a particular theme. All these elements are integrated into their products, which is developed, created and finished by them during the two semesters. They also have to present these products to the audience in the form of a degree show at the end of the semester and devise a marketing plan for them.

Dissertation
Dissertation is the written component of the Design Research Project. It is a commentary about any subject that relates to, informs and support the concept developed for the project.

Entrepreneurship
This course aims to teach students the most obvious form of entrepreneurship that is of starting new businesses (referred as Startup Company); however, in recent years, the term has been extended to include social and political forms of entrepreneurial activity. Entrepreneurship is the act of being an entrepreneur, which can be defined as "one who undertakes innovations, finance and business acumen in an effort to transform innovations into economic goods". This may result in new organizations or may be part of revitalizing mature organizations in response to a perceived opportunity.





EMPLOYER'S CORNER

S. Shiraz Abid
Creative Head (Export Department) - AlKaram Textile (Pvt.) Ltd.

Having Tipians in my team have always been a great experience. They are competent individuals. Working for export market when you have to meet international requirements and raise your bars in order to bring business to your country and to stand out with competitors, the individuals who follow the pace could only survive in textile export business.

I look forward to work with more Tipians.

TEXTILE MANAGEMENT & MARKETING

ACCT-101 Credit Hours: 3
Principles of Accounting I
This course enables the students to understand the structure of accounting, accounting framework and recording events and financial statements. Basic accounting concepts, accounting records and systems, ledger and journal, double entry book keeping, balance sheet, profit and loss statements and cash flow statements are also discussed.

ACCT-102 Credit Hours: 3
Principles of Accounting II
The course is a continuation of ACCT-101. This course will cover the equities side of the balance sheet together with an appreciation of the Cash Flow Statement and simple analysis of the balance sheet.

COMP-201 Credit Hours: 3
Internet and E-Commerce
This is an introductory course in which size, scope and impact of e-commerce is explored. This course includes discussions about ethical issues such as privacy and the global digital divide, and introduces concepts that transcend functional business areas and disciplines. Additional topics include market valuation of the e-commerce firm, and government policies and issues concerning e-commerce, such as regulations, taxation, subsidies, infrastructure, and a public good component.

FNCE-201 Credit Hours: 3
Business Finance
This course provides students with the understanding of the various methods of financing a company and the application of its funds. The salient features of the course include working capital, its management, capital budgeting, short and long term financing and profit planning.

MGMT-201 Credit Hours: 3
Principles of Management
Effective management and work of employees within organizations is the backbone of modern societies. It is the manager who makes decisions on the use of human resources, materials, technology and capital.
The course attempts to show a realistic picture of what the manager's job involves and how it has changed over the years. The course emphasises the skill that managers must provide the solutions to all-managerial situations and issues, that managing within organisations is a mixture of an artful and scientifically based decision-making process.

MGMT-204 Credit Hours: 2
Business Law
The course is designed to be an introduction to business law that covers the fundamentals, including contracts, liability, regulation, employment, and corporations. This class provides an in-depth treatment of the law of contracts and partnerships.

ACCT-207 Credit Hours: 3
Cost Accounting
The course covers an introduction to nature, objectives and procedure of cost accounting control, job order or process costing, joint product costing, standard costs and cost allocations methods. The use of cost accounting data for managerial activities and taking business decisions is also emphasized.



ECON-211 Credit Hours: 3
Microeconomics
Provides basic knowledge of economic concepts and phenomena, relative importance of micro economics and how it relates to the real world. The course topics include consumer behaviour, cost, production, revenue, profit, different types of markets, game theory and mechanism of price determination under different markets.

ECON-212 Credit Hours: 3
Macroeconomics
This course deals with the basic knowledge of macro-economic concepts and various economic models in providing explanation on the working of the economy. The topic includes national income accounts, macro-economic equilibrium, aggregate economic performance, inflation, unemployment, business cycle, money market,
IS-LM curves, general equilibrium, monetary policy and fiscal policy.

BUSS-250 Credit Hours: 3
Business Communication
This course seeks to develop communication skills needed for those preparing for a business and management position. The course outline has been designed to develop interpersonal communication skills, such as dealing with business problems, organising effective speeches, letters and memos. For this purpose, along with the exposure to relevant business examples, students are made to think critically and draft letters and memos on as many situations as possible.

MGMT-301 Credit Hours: 3
Research Methodology
This course deals with the tools and techniques of scientific research methods and their application to graduate studies. Topics include formulation of the problem and related hypothesis, development of research design, sampling techniques, construction of questionnaires, interviewing techniques, data analysis and solution of models.

MRKT-301 Credit Hours: 3
Principles of Marketing
This course introduces the concepts of marketing and their application in Textiles. Focus is on identifying consumer needs and satisfying them by implementing and appropriate marketing program comprising suitable product(s), pricing, distribution channels and promotion. The use of market research, strategic planning and development of marketing plans will also be explored.

MGMT-302 Credit Hours: 3
Organizational Behaviour
This course will emphasise the behaviour of people in organizations and how managers can become more effective through better understanding of the human dimension of management. The course will offer a multidimensional approach by bringing together the student's previous understanding of both management and psychology. A lot of emphasis will be placed on the importance of appropriately trained, motivated employees, which can provide the modern organization with strategic competitive advantages.

ECON-312 Credit Hours: 3
International Trade & Finance
The aim of this course is to familiarize students with international trade and finance and its effect on the economy. It will equip the student with the understanding of the economy and how the business is directly or indirectly affected by local and international economic activities. On completion of the course the student will



have the knowledge of economic and political institutions and their effect on trade patterns.

The course discusses problems and advantages due to a change in Government policies or the effect of any international event on domestic economy. The course also covers different financial markets and international financial environment.

MGMT-314 Credit Hours: 3
Marketing Management
Marketing management is the practical application of marketing techniques. It is the analysis, planning, implementation, and control of programs designed to create, build, and maintain mutually beneficial exchanges with target markets. The course is specially designed for textile students.

MGMT-390 Credit Hours: 3
Production and Operations Management
This course examines the role of operations management in both manufacturing and service organizations. Concepts, tools and techniques for managing the operations function will be discussed. Topics include operation strategy, design, planning and control.

MRKT-401 Credit Hours: 3
Export Marketing
This course provides a conceptual and practical framework for exporting. The students are challenged to think globally, research and develop a business plan for cracking a new market for exporting Textiles and Apparel products. The quality, do-ability and marketability of the proposal determine the application of marketing principles, significance, appreciation and management of cultural differences and country profiling for customization of marketing mix.

MGMT-403 Credit Hours: 3
Retail Management
Retail Management is a critical function of marketing, especially for textile products, and of the business in the broader term. This course will enable the students to appreciate the importance and significance of retailing in achieving the firm's targets. The basic concepts and strategies in retailing will be explored. The role of retailing in the society and conversely, society's impact on retailing will be thoroughly investigated. The strategic importance of store location, merchandizing, pricing and customer service and relationships, will be analyzed.





MGMT-407 Credit Hours: 3
Human Resource Management
This course is about both the design and execution of human resource management strategies. It adopts the perspective of a general manager and addresses human resource topics (including reward systems, performance management, high-performance human resource systems, training and development, recruitment, retention, equal employment opportunity laws, work-force diversity, and union-management relationships) from a strategic perspective.

MRKT-411 Credit Hours: 3
Personal Selling
This course introduces the concepts and practices of selling. The significance and importance of selling in all human interactions will be clearly established. Executives and corporate managers are continually applying the tools of selling in their social and working environment for best results.
The course is thus designed to equip students with an improved preparedness to succeed in their personal and professional lives.

MGMT-412 Credit Hours: 3
Supply Chain Management
This course focuses on the movement of textile products from fibre to the sale of the finished product in terms of production, quality, wholesale and retail. It covers logistics, costing, quick response, EDI systems, and inventory control.

MGMT-413 Credit Hours: 3
Strategic Management
The course will enable students to understand the big picture of business studies, which encompasses Accounting, Finance, Marketing, Production, Human Resources and information systems. The students will be exposed to the total operation of an enterprise, its long term direction and strategy, resources and its prospects for success.

MGMT-428 Credit Hours: 6
Management Research Project
All Management and Marketing students in the final year are required to undertake a management research project. The area of study is chosen with the consent of the concerned faculty. A faculty member is assigned to oversee the research project and provides guidance for collecting type and quality of data, both primary and secondary, data analysis and strategy formulation. The project is spread over a period of two semesters and findings of the research are submitted to the faculty supervisor and external examiner in the form of a written report.

The report at different stages of preparation is evaluated by the faculty supervisor and/or a panel comprising cross–functional faculty from TIP and external. The final report is examined by the faculty supervisor and an external examiner of the concerned field. The students have to defend their report in an interview session with the external examiner. 'The courses are subject to review based on Industry requirements and HEC guidelines'



EMPLOYER'S CORNER



Masood Naqi
Director - Rajby Industries Pvt ltd

Rajby Industries has a very close relationship with TIP both as employer and academic and technical coordinator. Previously we have hired TIP students but the big lot of 10 students was hired last year and placed in production, merchandising and marketing departments, their performance is satisfactory and we hope that in future they will be useful asset of Rajby. Some of TIP's texperts hold high positions at Rajby in Product development, marketing and Quality management departments.
TIP has been producing top class graduates that compliment greatly to the needs of the Textile and Apparel Industry. At Rajby we are open to help TIP in giving short and long term internship, help students in their assignments during the semesters and any other training program required.

APPAREL

APRL-101/APRL-301 Credit Hours: 3
Introduction to Apparel & Fashion
This course is an introduction to fashion design conducted as workshops. Students will learn the fashion design techniques; develop illustrations and their own designs. It also covers apparel market.

APRL-201 Credit Hours: 3
Pattern Construction
This course introduces scientific pattern making techniques and covers basic garments such as skirts, jeans, shirts, blouses and dresses. Pattern modifications to selected designs and to development of production patterns are also taught. This course also covers manual grading of skirts and trousers.

APRL-202 Credit Hours: 3
Garment Technology I
The course is conducted as lectures and workshops. Student will learn sewing technology, prepare cut plans, and will be trained to operate industrial machines to produce garments according to required quality standards.

APRL-206 Credit Hours: 3
Apparel Pre-Production
This course is developed to impart understanding about value added processes in apparel manufacturing technology. Starting form fabric finishing, garment printing and washing techniques will be covered. Water treatments for chemical processes are also included in this course.

APRL-302 Credit Hours: 3
Garment Technology II
The course is an extension to Garment Technology I. Student will understand to solve problems encountered in sewing lines due to machines, needles, operators and patterns. Also covers production systems, garment operation breakdowns and fusing technology while producing a number of sample garments to the required quality standards from their own patterns.

CADN-303 Credit Hours: 3
CAD/CAM for Apparel
This course covers computerized pattern making, grading, 3D shaping, marker making using GERBER technology and computerized weave design for fabrics. Also covers CAM such as ETON systems, auto spreading and laser cutting etc.

APRL-308 Credit Hours: 3
Apparel Quality Control
This course covers quality control techniques such as statistical quality control, acceptance sampling, TQM and Japanese techniques. It also covers certification and other standards, how to conduct garment inspections and how to manage a QA department.



EMPLOYER'S CORNER



Wayne Jansz
GM Marketing & Merchandizing - Artistic Garment Ltd.

We have a fantastic team of TIP students some of them have been working with us for 8-9 years. TIP students are very good in their approach they can interact very well with the clients and also they are very focused on reaching their own personal goals at the same time; professionally and personally. Our company greets the students of TIP with open hearts and we provide them with opportunity to work with our chain. We look forward to work with more TIP students

APRL-309 Credit Hours: 3
Product Development
Product development requires merging information and skills from marketing, design and technology. The student taking this course will study how successful brands are able to execute their product lines. This course includes hands-on projects of fashion design, market research, fashion merchandising, and branding. Students taking this course will understand the job of a fashion designer, textile designers, textile technologists, and apparel manufacturers, in order to manage them and to be able to integrate their skills into the product development and manufacturing side to apparel.

APRL-401 Credit Hours: 3
Apparel Manufacturing
This course provides an overview of supply chain in garment manufacturing for non apparel students. The course also includes field visits to factories. At the end of the course, students are able to identify the basic process and equipment needed for apparel manufacturing.

MGMT-402 Credit Hours: 3
Ergonomics
This management course is offered exclusively for apparel students to understand occupational diseases, design of work place, develop work environment and manage health and safety at work.

APRL-419 Credit Hours: 3
Apparel Production Management
This course deals with optimum utilization of resources in apparel manufacturing. It covers management
aspects of industrial engineering, plant layouts, scheduling and controlling production lines, cost control, lean process and equipment acquisition.

APRL-428 Credit Hours: 6
Apparel Project
All Students in the final year have to undertake a
research project focused on a particular area of the apparel industry. The project is extended over a period of two semesters. The findings of the research are submitted to the faculty supervisor in the form of a written thesis report.



FASHION DESIGN

FASH-101
Credit Hours: 3
Introduction to Fashion Design
This is an introduction to fashion design conducted as workshops. Students will learn fundamentals of design, concepts and terms. On successful completion of this course, the students will understand fashion design and factors affecting fashion, would be able to illustrate own designs and learn basic draping techniques.

FASH-110 Credit Hours: 4
Drawing I
An introduction to a variety of approaches to drawing, this course provides students with the tools for both structured and experimental exploration in the studio. Distance and form are examined along with the exploration of gesture, contour and the modelling of forms. Emphasis is on the development of observation and the understanding of range of mediums and techniques.

FASH-120 Credit Hours: 4
Drawing II
This course serves as a transition between foundation courses and advanced courses. While it continues to build upon the technical abilities students bring to the class, it will entail the students to expand their understanding about what they are doing. This course allows students to explore image making, using mediums and different possibilities of representation. The emphasis is on the usage of mediums along with the experimentation and synthesis of the elements of visual arts.

FASH-150 Credit Hours: 4
Basic Design
This course introduce students to the basics of the principles and elements of design, be it in textiles, architecture or graphics etc. It will be an introduction to problem solving skills and terminology in visual perception. An understanding of the principles and elements of design is developed through exercises and students learn the visual language, required to express their original ideas. They also use this visual language in the analysis of design, in relation to the context, expression, information and interpretation.

FASH-201 Credit Hours: 3
Pattern Construction
This course introduces scientific pattern making techniques and covers blocks for basic garments. Also covers advance topics such as pattern modifications to selected styles and manual grading of garments. On successful completion of the course, the students would be able to interpret the terminology used in pattern making, explore manual pattern drafting techniques for basic garments and understand the principles of marker making for couture and Grading for mass production.

FASH-202 Credit Hours: 3
Garment Technology
The course is conducted as lectures and workshops. Student will learn sewing technology, prepare cut plans and acquire skills to operate industrial machines to produce basic garments to the required quality standards. This course will enable the students to understand the techniques in garment production, operate machines safely for sample garment production and explore the process of garment production.

FASH-203 & FASH-204 Credit Hours: 3
Fashion Illustration I / Fashion Illustration II
Both these courses cover elements of fashion illustrations. These courses are designed to build students fashion drawing and illustration skills, using a variety of us mediums. Students will learn how to find stimulation and develop their design ideas. These courses also covers illustration of design details to improve fashion illustration skills. Students learn how to draw the fashion figure, create 3D effect with shading and rendering the garments in colour.



progresses to an exploration of art of the modern and post-modern art of the 21st century with an in depth understanding of avant- garde art. This course gives a fascinating and seemingly endless tour through the world of art revealing a classical collection of thousands of years of human practice and progress; inspiring the student to brave his/her creative side and to appreciate a variety of aesthetics.

FASH-300 Credit Hours: 3
Textile Design
This course covers basics of textile design process required for fashion design managers. Includes colour theory, textile finishes, development of texture, floral, motif, mosaic repeats, printing methods such as digital, screen printing, hands on experience in screen print on selected design.

FASH-301 Credit Hours: 3
Design Realization I
This course will focus upon the understanding, development and realisation of the fashion product. The course will allow the students to develop their essential understanding of the fashion process through the principles of design research and analysis, development of design ideas through 2D and 3D exploration. The students will learn the realisation and production of the fashion product with industry and commercial ideals. The course will also enhance and equip students with the wider professional, communication and business skills needed to succeed in today's competitive creative industries.

FASH-302 Credit Hours: 3
Draping
This covers fabric modelling in order to develop patterns utilizing a 3D approach by draping fabric onto a body form or workroom stand to interpret ideas. The shape is then transferred onto paper to obtain a pattern. The students will learn further understanding on draping materials, develop various fashions through drape and produce 2D patterns.

MRKT-302 Credit Hours: 3
Fashion Marketing
This course introduces and facilitates students to critically evaluate the concepts of fashion marketing, applying marketing principles to fashion products, fashion promotion policies, method of promotion and fashion communication strategies. Participants are required to develop and present marketing mix strategies based on fashion research, analysis of fashion consumer behaviour and trend forecasting. The importance of visual merchandising is demonstrated through field trips and students are required to showcase visual merchandising of their chosen product Country General Manager, Euro Centra Pakistan (Wuensche Group, Germany) Class of 2003 from haute-couture, designer label, mass market and street fashion segments.

FASH-303 Credit Hours: 3
History of Fashion and Costumes
Designed to provide an understanding of major periods in Western clothing history, and a working ability to research clothing of any culture or era this course allows students to explore historical styles of the Western world, from the garments of the ancient Egyptian and Greeks to the runway looks of fashion in its modern day. The objective of this course is to endow the students with the ability and skills requisite to identify and analyze costumes of various time periods.



EMPLOYER'S CORNER



Kaschif R. Israr
Country General Manager, Euro Centra Pakistan (Wuensche Group, Germany) Class of 2003

Textile institute of Pakistan has imparted great values in the education as well as the reports sector of Textile & Fashion industry of Pakistan. Since it's inception, graduates of this institute have served the industry in a leadership roles who are managing the most sen- sitive portfolios of international fashion and textile brands. With its diversification and expansion into various sectors of the industrial education, TIP has become an integral part of the textile and fashion conglomerates locally and internationally. In my opinion, institute has serious and focused faculty and coaching systems that enable young students to become more responsible on their field and career. Combined with the in-house modern technical laboratories and external industrial internships arranged by the institute, TIP has very promising features to offer. I wish the management, faculty and the new comers a great success ahead.

CADN-304 Credit Hours: 3
CAD for Fashion
This course covers computerized fashion illustrations, grading, marker making, printing & embroidery required for fashion designers in the industry. It ensures the creating of patterns that will fit specifications and grades to multiple standard sizes in limited time which is crucial to the fashion industry. Students will learn to develop various 2D patterns for own designs.

FASH-304 Credit Hours: 3
Design Realization II
This course will be a continuation of Design Realisation I (FASH-301). The students will learn the realisation and production of a range of fashion products for a selected buyer on commercial basis. The course will also enhance and equip students with the professional, communication and production skills needed to manage a fashion house and production line.

FASH-308 Credit Hours: 3
Apparel Quality Control
This course imparts the knowledge of quality control and technology. It aims to teach students the basis of quality with focus on prevention methods and techniques through modules specially designed to educate students' quality control and cost effectiveness.

It covers quality control techniques such as statistical quality control, acceptance sampling, TQM and Japanese techniques. It also covers certification and other standards, how to conduct garment inspections and how to manage a QA department.

FASH-309 Credit Hours: 3
Product Development
Product development requires merging information and skills from marketing, design and technology. The student taking this course will study how successful brands are able to execute their product lines. This course includes hands-on projects of fashion design, market research, fashion merchandising, and branding. Students taking this course will understand the job of a fashion designer, textile designers, textile technologists, and apparel manufacturers, in order to manage them and to be able to integrate their skills into the product development and manufacturing side to apparel.

FASH-321 Credit Hours: 1
Fashion Photography
Photography is a very essential medium to produce images in a short span of time. In this course students learn the basic operations of a digital and/or a 35mm SLR camera with manual settings. Composition and exposure tools are taught through practical assignments. Students and encouraged to expose with manual settings. This course is designed on project based learning. Students are given indoor and outdoor photography assignments and group critique is organised after every project.

FASH-401 Credit Hours: 3
Embellishment
This course enables students to gain skills of hand stitches, embroidery and patch work to add value for the design, manipulate fabric with a creative and investigational approach to create new textures and ideas, as well as practice traditional and non-traditional techniques.

MRKT-402 Credit Hours: 3
Visual Merchandizing
One of the core competences in fashion marketing is visual merchandizing. The course not only covers the theory but also develop skills on setting up merchandize for visual display in stores, fashion houses, exhibitions and other display areas. This course is linked with photography and interior design

FASH-403 Credit Hours: 3
Fashion Journalism
It is not enough to know fashion but to communicate fashion through making leaflets, brochures, fashion booklets and news articles. Objective of this course is to develop skills in journalism to express models and dresses to the customers effectively.

CADN-406 Credit Hours: 2
Gerber Technology
The latest version of Gerber software only offered at the Textile Institute of Pakistan, providing complete manufacturing solutions, helping students integrate the industry at an advanced level. Gerber is an integrated software and hardware solution for fashion & apparel, technical textiles, graphics industries.
The software enables the following components:
• Plan • Design • Development & Pre-Production
• Sourcing & Production • Tracking • Reporting

FASH-428 Credit Hours: 6
Fashion Research Project
Student will either develop their own collection of fashion garments which will be displayed as a collection at the end of the year as a thesis or develop a project on strategic and entrepreneurial vision on how to effectively respond to constant changes in consumer demand and personal development appropriate to careers in the fashion and luxury business.



GENERAL COURSES

COMP-101 Credit Hours: 3
Computer Concepts
This course provides the basic computer concepts to students who have had no previous exposure to computers. The course initially familiarises the students with the fundamentals that include basic knowledge. This course encompasses the fundamental computer concepts, terminologies, introduction to PC hardware, the Windows environment and various computer application software. In the lab, students will learn word processing, spread sheet and presentation packages. Introduction to CAD/CAM Technologies and Graphics Application in Textiles at very basic level is another objective of this course.

ENGL-101 Credit Hours: 3
English Language Basics
This course involves training in correct, simple but effective expression in writing; review and reinforcement of the fundamentals of grammar and punctuation. Students are taught the rudiments of sentence mechanics, sentence editing and peer correction.

COMP-102 Credit Hours: 3
Computer Applications
This course is aimed at providing some advanced computer techniques to students who are pursuing a career in textiles. The course lays emphasis on developing practical expertise and implementing computer aided designing-CAD, managing real world databases in Access, and using the Internet through advanced search techniques.

ENGL-102 Credit Hours: 3
English Composition
This course focuses on skills and techniques used for effective writing. Class activities are focused on practical use of writing tools. Students learn how to analyse and write well organised and coherent texts. Students also learn to apply strategies of editing their work and how to use skills of referencing and bibliography. Emphasis is placed upon using appropriate rhetorical modes of writing.



PKST-200 Credit Hours: 1
Pakistan Studies
The course in Pakistan Studies includes the social, political, economic, and industrial development of Pakistan. During the course, a number of guest speakers are invited to enrich the program.

RELG-200 Credit Hours: 1
Religion
The aim of the course is to familiarize students with the history and teachings of Islam. Students will also be provided an exposure to a comparison of Islam with other prominent religions of the world. Subsequent to class discussion on a particular topic guest speakers will be invited to further enrich the students on the subject.

ENGL-201 Credit Hours: 2
Oral Communication
This course enables the students to become fluent in spoken English using appropriate and accurate language. Students are encouraged to present their point of view coherently through class discussions, impromptu speeches, debates and presentations. The importance of developing good voice and interpersonal skills is stressed. Through role-play activities, students learn the art of negotiation employing tact and diplomacy.



ADMISSIONS INFORMATION

ENTRY REQUIREMENTS

he minimum entry requirements for the programs offered at TIP are as follows:

BS Textile Science

- Minimum 50% marks in Intermediate (Pre-Engineering.)
  OR
- GCE 'A' Levels in three major subjects (Maths, Chemistry, Physics)
  OR
- Equivalent qualification (to be evaluated by the Admissions Committee).

For All Other Disciplines

- Minimum 50% marks in Intermediate in any field
  OR
- GCE 'A' Levels in any three major subjects
  OR
- Equivalent qualification (to be evaluated by the Admissions Committee).

Formula weightage for admission test:

• Intermediate / A level results	20%
• TIP Admission Test	50%
• Interview	30%

Admission to the Institute is strictly on merit as determined through an internal aptitude test of TIP and interview. Successful candidates passing the aptitude test will only qualify for the interview. Candidates passing the interview will then be short-listed for admission at TIP.

The admissions test comprises of three (3) components and is written in English. It consists of multiple-choice questions, designed to recall factual information, application of knowledge and deductive and problem-solving ability.



The subject matter used for the admission test is based upon the current syllabi prescribed by the Boards of Intermediate Secondary Education in Pakistan for Chemistry, Physics and Mathematics. The English Language section tests competency in English, as English is the medium of instruction at TIP.

Applicants must be able to demonstrate competence in English comprehension and expression, both written and spoken.

Applicants for the Textile Design Technology and Fashion Design Management programs also have to take a drawing test to demonstrate drawing skills.

Copies of all relevant documents must be submitted with the admission form. However, students are also required to show original documents as well the verification of certificate from concerned BISE is the responsibility of the candidate. All academic requirements must be fulfilled and tuition fee paid by the due date in order to complete enrolment.

Fee Structure

One Time Charges

Admission Pack (non refundable) Rs. 2,000/-
(Inclusive of Admission Processing Fee)

Admission Fee (non refundable) Rs. 25,000/
Security Deposit (refundable) Rs. 20,000/-

A Security Deposit will be required before registering for the first semester of the first year of study. This deposit covers the use of microscopes, laboratory equipment, learning aids and library. The deposit, less the cost of damages, if any, will be refunded at the end of completion of the Bachelors' Degree program.

Fees to be paid every semester

Tuition Fee* Rs. 10,000/- per credit hour
Student Facilities & Activities Rs. 6,500/-

Upon acceptance of application, the fees must be paid in full by the due date indicated on letter of acceptance.

* **15-18 credit hours are offered every semester (refer to program details)**
* **Subject to revision according to the rate of inflation.**

Optional Facilities

Transport (from city)**
Transport (from Steel Town/Gulshan-e-Hadeed)** Hostel Accommodation**

TIP reserves the right to review its tuition and other fees as and when required in order to cover inflationary impact. All payments can either be made directly into Bank Al Habib (Shahra-e-Faisal Branch) or through pay order at TIP's admission office. A late payment penalty will be applicable past the deadline of fee payment.

** **Students are required to apply for these facilities. Charges for these facilities are subject to review anytime during academic year.**

Fee Refunds

As per HEC, withdrawls from university are entitled to refund of fee according to the following schedule

Full (100%) Fee Refund	Up to 7th day of commencement of classes
Half (50%) Fee Refund	From 8th – 15th day of commencement of classes
No (0%) Fee Refund	From 16th day of commencement of classes

FINANCIAL ASSISTANCE AND SCHOLARSHIPS

At TIP, we believe that no deserving student should be denied education due to financial constraints. As part of our commitment to social responsibility, we offer financial assistance to students in need. This support empowers hardworking and talented individuals to pursue higher education, making it accessible and affordable.

The Office of Scholarships and Financial Aid at TIP takes a personalized approach, reflecting on the student's merit and financial need. We are dedicated to recognizing the hard work and achievements of our students and providing equal opportunities to all without any of discrimination. Scholarships and loans are awarded to those who demonstrate financial need.

We are dedicated to ensuring equal opportunities for all prospective students, regardless of religious, ethnic, racial, gender, or socio-economic backgrounds. The Financial Assistance Committee reviews all applications carefully, approving support for those who qualify.

National Textile Foundation Funded Scholarships

1. **Need-Based Scholarships**

   Several scholarships are available for students at the end of their first year of undergraduate programs, awarded solely based on demonstrated financial need. These scholarships cover between 50% and 70% of tuition fees. The Financial Assistance Committee reviews each application and supporting documentation to assess the level of assistance required.

Scholarship Determination Criteria

Key factors considered in the scholarship decision-making process include:

- Maintenance of a minimum CGPA of 3.25 at TIP without any grade "F" in any semester.
- Continued full-time enrollment
- Compliance with TIP's code of conduct
- Financial situation assessment

The student will have to maintain their CGPA above 3.25 for the scholarship to continue for the next semester.

In cases where a student must reduce to part-time enrollment due to medical or other unforeseen circumstances, they will have the opportunity to appeal for scholarship retention based on the situation, subject to review by the Financial Assistance Committee.

Students who lose their scholarship due to a drop in CGPA may reapply after achieving the required academic performance. They will be eligible for re-evaluation after one academic semester.

The scholarship applications are taken once every year.

2. **Need-Based Interest-Free Loans**

   TIP also offers Qarz-e-Hasana (interest-free loans) as part of its financial aid program to ensure equal opportunities for all students. Applicants can apply for both scholarships and financial aid simultaneously, with aid amounts determined by financial need and personal circumstances.

Interest-free loans are granted, provided the following conditions are met:

- Full-time enrollment
- Maintenance of a minimum CGPA of 2.75
- Continued adherence to TIP's code of conduct
- Consistent family financial circumstances, as assessed once in a year.

Interest-free loans (Qarz-e-Hasna) are repayable in installments starting six months after graduation. The repayment period will be based on the student's employment status, with flexibility for unemployed graduates to defer payments for up to one year.

Income Brackets for Need-Based Aid

Need-based aid will be tiered based on family income:
- Families earning less than PKR 500,000 annually will qualify for up to 70% aid.

- Families earning between PKR 500,000 and PKR 1,000,000 annually will qualify for up to 50% aid.

- Families earning above PKR 1,000,000 annually may still qualify for loans.

Student Loan Facilitation

As part of our financial aid program, students and their families may opt for assistance through student loans, governed by the institution's rules and regulations. TIP is in process of signing Memorandums of Understanding (MOUs) with banks to provide interest-free loans to students, repayable in easy installments. Students interested in applying for Qarz-e-Hasana can collect the necessary forms and repayment guidelines from the Admissions Office.

Industry Scholarships

Full scholarships from Industry, alumni and philanthropists are also available for needy and hard-working students meeting the prescribed criteria.

Alumni Funded Scholarships

3. Late Kashif Jamil Abbasi Scholarship

Saqib Sohail, Raheel, and Samad have proposed a memorial scholarship program in honour of their late friend, Kashif Abassi (Batch 2003 – Textile Science), as an act of sadqa jariyah. This need-based scholarship will support deserving students by covering 50% of their semester fee, with the commitment to sponsor at least one student from each batch (Years 1 to 4).

Renewal of the scholarship will be contingent upon:

- Maintaining the minimum required GPA, and

- Actively participating in at least one extracurricular activity each semester.

This thoughtful initiative not only preserves Kashif's memory but also extends his legacy by empowering future generations of TIP students.

4. Feroza & Khawaja Qamar Ul Hasan Scholarship

We are pleased to introduce the Feroza & Khawaja Qamar Ul Hasan Scholarship, a newly established award designed to support deserving students in their academic journey. This scholarship fully sponsors the tuition fees of two students each year:

- One student from The Citizens Foundation (TCF), and

- One meritorious student, typically identified through the criteria used for the Quaid-e-Azam Scholarship.

This scholarship has been instituted by Ms. Umna Agha, daughter of Asmara Agha (Batch of 2000), in honour of her grandparents. Her generous contribution reflects a deep commitment to advancing education and expanding access to transformative learning opportunities for TIP students.

*Scholarship scheme may be changed / modified / withdrawn wholly or partially at any time at the sole discretion of TIP without any prior notice.



ACADEMIC RULES & REGULATIONSS

Credit Hours

Generally, one lecture hour or three laboratory hours per week, for a full semester, constitute one credit hour.

A minimum of 134 passed credit hours are necessary for a student to graduate.

Grading System

The following grading system was implemented in Fall 2014 semester.

Grade	Grade Point	Percentage Mark
A+	4.0	89 & above
A	3.75	84 - 88
B+	3.5	79 - 83
B	3.0	74 - 78
C+	2.5	69 - 73
C	2.0	64 - 68
D	1.0	59 - 63
F	0	Below 58

Not calculated in the Grade Point Average:
I Incomplete not included in GPA calculation.
W Withdrawn during first 4 weeks of classes.
IP In progress (for a course, for which a grade is due in the semester)
R Repeat Course (see explaination below)

Cumulative Grade Point Average (CGPA)
Cumulative Grade Point Average (CGPA) is computed by dividing the total number of gradepoints earned by the total number of credit hours taken.

CGPA= Sum of (Credit Hours x Grade Points) / Sum of Credit Hours

- The CGPA will range from 0.00 to 4.00
- A minimum CGPA of 2.00 is mandatory to graduate.

Repeat Courses (R)
It is mandatory for students to repeat and clear failed course(s). Upon repeating a course, both the previously obtained grade as well as the repeated course grade is shown on the student's transcript. However, only the better grade is counted towards the GPA calculations. All repeated courses are marked (R) on the transcript. A student may also repeat any course for grade improvement.

Academic Warning, Probation & Suspension
A student must maintain a minimum Cumulative Grade point Average (CGPA) of 2.00 throughout his/her stay at TIP. A student with a GPA of less than 2.0 is placed on Academic Probation (if pass in all subjects) and 1.7 or less if fail in at least one subject.

A student faces dismissal from the Institute, if he/she is placed on probation for two consecutive semesters. There will be maximum two probations in four years degree. Both probations can not be granted in first four semesters. (Cumulative GPA) up to a level of 2.00 in the semester following the one in which he/she was placed on Academic Probation.

In some cases, a student may receive a grade of "I" or "Incomplete" at the sole discretion of the instructor. This may be the result of a student being sick during a test or other mitigating circumstances. In such an eventuality, the student will have one academic semester to complete the course and remove the "I" from his/her academic record. Failing this, the instructor may either award an 'F' to the student, or change the grade to a permanent "I".

A student can withdraw from a course after mid term results with no fee refund. Transcript would show "W" grade and it will not be considered for grade calculation.

Evaluation and Grading

The performance of students is evaluated through a continuous testing procedure spread over the entire period of studies. Besides the final examination at the end of each semester, a number of tests and assignments are given at regular intervals during the semester. Moreover, the performance of students in class discussions, written assignments, research reports, etc. is evaluated and forms a part of their overall grades.

Grade Appeals

In rare cases, a student wishes to have his/her grade reviewed. The student must submit his/her appeal in writing to the academic Coordinator or the Dean, whose findings will be final and irrevocable.

Class Attendance

Regular and punctual attendance of all classes and laboratory sessions is the responsibility of each student. Work during a semester proceeds at such a pace that regular attendance is necessary in order for a student to obtain maximum benefits from the course. As per Institute's policy:

Attendance policy

There is no concept of leave at TIP. However extreme emergency and unavoidable circumstances are given due consideration upon providing necessary documentation and approval of the dean. These cases would be decided strictly on case to case basis.

- Bullet 1 : The minimum required attendance percentage for any course is 75 - 80%

- Any student failing to meet the above mentioned criteria will be given "F" grade.

- Students arriving more than five minutes late in the class are marked absent.

If a student is absent from a lecture, it is his/her responsibility to find out and cover the material that was missed. The course instructor reserves the right to refuse help to students who miss lectures regularly.

Award of Degrees

Upon successfully passing 132 credit hours, the student would be considered as a candidate for graduation. However, to be eligible for the award of a degree, all unsettled matters, both financial and others, must be cleared in advance.

Academic Honours

A student must have the following minimum Cumulative Grade Point Average (CGPA) in order to graduate with honours:

Cum Laude	3.40 to 3.69 CGPA
Magna Cum Laude	3.70 to 3.89 CGPA
Summa Cum Laude	3.90 to 4.00 CGPA

Honours List

At the end of each academic semester, the following lists are compiled of students who have achieved grade point average (GPA) of 3.5 to 4.0 on a minimum of 15 credit hours, exclusive of Pass/Fail course work.

Dean's List	3.50 - 3.99 GPA
President's List	4.0 GPA

Discipline

Students are required to abide by the rules and regulations of the Textile Institute of Pakistan. The Institute expects, and will demand honesty from its students. Dishonest behaviour during examinations as well as in classrooms will result in irrevocable dismissal from the Institute.

Other causes for dismissal might include: submitting false evidence; stealing; wilful destruction of equipment, furnishings or property; physical violence against other students, faculty or staff; possession and use of drugs and arms; violation of civil rights of others; organisation of civil disturbances; and non payment of tuition and other fees.

Protracted absence without permission from classes, laboratories and other scheduled instruction or presentations and the inability to cope with the curriculum can also be a cause for dismissal.

Students who, after joining classes are expelled on disciplinary or any other grounds will not be entitled to any refund.

Academic Dishonesty
Academic dishonesty may be described as but is not necessarily restricted to:

- Giving, receiving, or using unauthorized aid on any academic work.
- Plagiarism, which includes copying of language, structure, or ideas of another and attributing the work to one's own efforts.
- Attempts to copy, edit, or delete computer files that belong to another person or use of another person's files, account or data.
- Any attempt to help or get help from others during an exam.
- OCR scanning of text from books and submission of assignments without references are also considered as academic dishonesty.

Any proof of academic dishonesty is severely dealt with by the Disciplinary Committee for purposes of disciplinary action.

N.B.
At the time of enrollment, students as well as their parents/ guardians, will be required to sign a form to the effect that they have read and understood or have been explained the full meaning of the conditions outlined above.



