



Tti Testing Laboratories

OVER 30 YEARS OF EXCELLENCE IN QUALITY ASSURANCE



TTI LABS TRAINING INSTITUTE · DIVISION 13

Technical & management **training**

Knowledge, skills and vision.

Tti Labs Training Institute is the Tti Labs group's entity for technical and management sciences training. We invest in people by nurturing knowledge, training talent and building the next generation of innovators.

01 The institute

02 Training tracks

03 Knowledge transfer

111 786 001

04 Beyond testing

05 Graduate pathway

06 The laboratory

www.ttilabs.net



8 UNIVERSITIES

Tti Labs holds strategic MoUs with 8 universities across Pakistan.

They foster R&D, scientific innovation and the next generation of technical specialists.

DIVISION 13 OF 17

Knowledge, skills and vision.

Tti Labs Training Institute is Division 13 of Tti Testing Laboratories. It is the group's entity for technical and management sciences training.

It builds on Tti Labs' three decades of building trust, advancing science and shaping compliance in the region.

THE TTI LABS GROUP

- **Tti Testing Laboratories:** core consumer testing facility, ISO/IEC 17025 accredited (PNAC LAB 022), HQ Lahore, founded 1995
- **Tti Inspections Pvt Ltd:** on-site inspection, ISO/IEC 17020 accredited (PNAC IB-006), PSQCA
- **Tti Labs Training Institute:** Division 13, technical and management sciences training
- **Tti Labs Sustainability Center:** ESG, GHG, carbon credits, ZDHC, LCA, SBTi
- **Fahm-ul-Halal:** Halal development and compliance consultancy

31

YEARS OF
EXCELLENCE

250+

PROFESSIONALS

17

DIVISIONS

1,500+

GLOBAL
BRANDSTechnical
trainingsManagement
trainingsGraduate
traineeship

The ISO/IEC 17025 and 17020 accreditations belong to the laboratory and the inspection company.

DIVISION 13 · TRAININGS

Two tracks of training.

Tti Labs Training Institute offers training in two tracks. Ask us about course details.

01 Technical trainings

02 Management trainings

marketing@ttilabs.net · UAN 111 786 001

Training across the Tti Labs group

NAMES AS PUBLISHED



Division 13 · Tti Labs Training Institute

Technical trainings; Management trainings.



Division 14 · Tti Labs Sustainability Center

Sustainability Training; Sustainable Manufacturing Training Programs; Training & Capacity Building for Suppliers; Supplier Capacity Building & Performance Monitoring.



Non-profit initiative · Fahm

Technical research, education and training programmes on hygiene and safety awareness, for communities at local and international levels.

The Tti Labs brand offers training alongside testing, inspection, verification, certification, sampling and consultancy (Tti Labs terms and conditions).

Learned first, then shared.

Tti Labs' record runs both ways. The laboratory brought international training in, then passed expertise on to industry, universities and peers. It began in 1995, when Hamed K. Lateef founded Pakistan's first independent third-party testing and inspection company.

Steps follow date order; heights show sequence, not scale.



Knowledge in: training Tti Labs received

Knowledge out: what Tti Labs shares

Both ways



2000 • Fiber analysis

Specialised international training in advanced fiber analysis, for an AATCC-trained technical team.



2003-04 • Levi's Hong Kong

Technical collaboration and training at Levi's Hong Kong Laboratory, then Levi's global nomination.



2018 • PAKLAB 2018

Tti Labs organised and sponsored PAKLAB 2018, Pakistan's first laboratory show.



2025 • CO₂ Talks 2025

CEO Hamed K. Lateef gave the keynote at CO₂ Talks 2025, GCU Lahore.



Ongoing • 8 university MoUs

Strategic MoUs across Pakistan for R&D and the next generation of technical specialists.



Ongoing • PSLA founder

Founder and corporate secretariat of the Pakistan Scientific Laboratory Association.



Both ways. Tti Labs continuously develops its professionals as certified Master Trainers. CEO Hamed K. Lateef also serves as Industry Advisor to the University of Central Punjab.



CORPORATE SOCIAL RESPONSIBILITY

Beyond testing. Committed to society.

"We believe the greatest way to give back is by empowering people with the knowledge, skills, and vision to create meaningful change."

**Certified Master Trainers**

Tti Labs continuously develops its professionals as certified Master Trainers. They educate and inspire individuals, organisations and communities to become responsible citizens and visionary leaders.

**Educational institutions**

Tti Labs collaborates with leading educational institutions and charitable organisations. It holds strategic MoUs with 8 universities across Pakistan.

**Medical & education endowment fund**

Tti Labs supports social development through its dedicated medical and education endowment fund.

**Fahm, non-profit initiative**

Fahm delivers technical research, education and training programmes on hygiene and safety awareness. It serves communities at local and international levels.

**DEVELOPMENT**

Continuous learning and professional growth of our team: one of Tti Labs' ten core values.



CAREERS • GRADUATE ROUTES

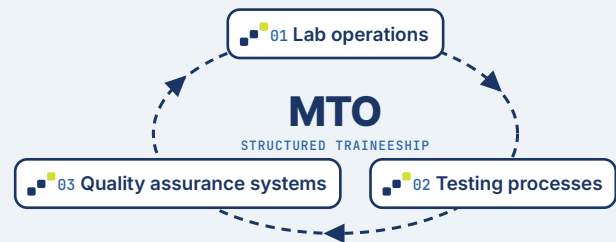
Growing teams. Growing futures.

WHO WE ARE LOOKING FOR

- Strong academic foundation
- Integrity-driven mindset
- Eagerness to learn
- Comfortable with structured systems
- Long-term career outlook

Gain hands-on experience on real-world industrial, regulatory and sustainability challenges.

MTO TRAINEESHIP • ROTATIONAL EXPOSURE



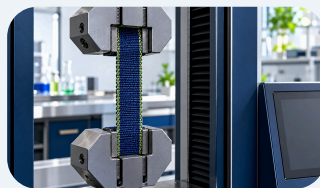
Stations as listed in the role description.

SR.	ROUTE	QUALIFICATION	LOCATION	WHAT THE ROUTE OFFERS
01	MTO Textile Graduates	BSc / BE Textile Engineering	Lahore	A structured traineeship for fresh graduates, with rotational exposure to lab operations, testing processes and quality assurance systems in the TIC industry.
02	Textile Engineers	BSc / BE Textile Engineering	Lahore & Karachi	Fresh graduates may apply. Practical lab exposure, global standards understanding and long-term career development in the TIC sector. Preferably from NTU, Faisalabad and TIP, Karachi.
03	RSL Lab Chemist	BSc Chemistry	Lahore	Chemical analysis and restricted substances testing with analytical instrumentation; ISO/IEC 17025 compliance and accurate data reporting.
04	PPE & Leather Lab Technician	BSc Chemistry	Lahore	Physical and chemical testing of safety equipment and leather goods; lab equipment upkeep and safety protocols.

Routes as advertised on ttilabs.net/careers, Q3-2026. Apply online there.

**MTO Textile Graduates**

Lab operations

**Textile Engineers**

Textile testing

**RSL Lab Chemist**

Restricted substances

**PPE & Leather Lab Technician**

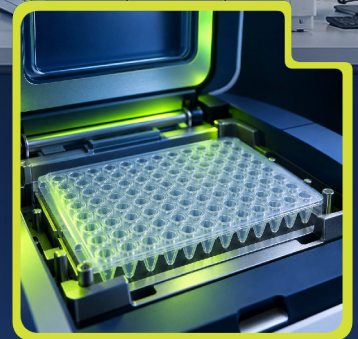
Safety equipment & leather

WHERE THE EXPERTISE COMES FROM

Built on laboratory expertise.

A team of scientists and technical specialists anchors the Tti Labs laboratory. They bring deep expertise in complex materials, processing behaviour and product performance. Tti Labs continuously develops the same professionals as certified Master Trainers.

ISO/IEC 17025 accreditation means independent assessors have checked the laboratory's competence, method validation, equipment calibration and reporting.



544

ACCREDITED METHODS

378

ACCREDITED PARAMETERS

600+

SAMPLES A DAY

1,500+

TESTS A DAY

25,000 sq ft

FACILITY

INSTRUMENT PLATFORMS IN THE LABORATORY

CHROMATOGRAPHY

- 01 **HPLC:** high-pressure liquid chromatography
- 02 **LC-MS/MS:** triple and single quadrupole MS
- 03 **GC suite:** GC-MS · HS-GC-MS · GC-EI/CI · GC-FID
- 04 **GC-MS-MS:** triple quadrupole, added 2025

SPECTROMETRY

- 05 **ICP-OES:** optical emission spectroscopy
- 06 **ICP-MS:** mass spectrometry, added 2025
- 07 **AAS:** atomic absorption
- 08 **FTIR:** Fourier transform infrared

ION & BIO-ANALYSIS

- 09 **IC / CIC:** ion and combustion ion chromatography
- 10 **PCR:** real-time PCR
- 11 **ELISA:** enzyme-linked immunosorbent assay

17 DIVISIONS · DIVISION 13 IS THE TRAINING INSTITUTE

- 01 Textiles & Apparels
- 02 Leather Accessories & Products
- 03 Personal Protective Equipment
- 04 Footwear
- 05 Dyes & Chemical Auxiliaries
- 06 Institutional
- 07 Paper & Packaging
- 08 Sports Goods & Toys
- 09 Food & Agriculture
- 10 Pharmaceutical
- 11 Inspections & Audits
- 12 Environment
- 13 Tti Labs Training Institute
- 14 Sustainability Services
- 15 Surgical Devices
- 16 Petroleum
- 17 Metals / Materials

WORK WITH US

01

Ask about courses.

Write to us about technical or management courses.

marketing@ttilabs.net

02

Call Tti Labs.

Talk to us about technical or management training.

UAN 111 786 001

03

Join as a graduate.

See the graduate routes and apply online.

ttilabs.net/careers



Tti Testing Laboratories

Knowledge, skills and vision.

We believe the greatest way to give back is by empowering people with the knowledge, skills, and vision to create meaningful change.

Division 13 · Tti Labs Training Institute

ISO/IEC 17025 accredited laboratory

ISO/IEC 17020 accredited inspection body

31 years of excellence in TIC

111 786 001



www.ttilabs.net
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Phase 4 DHA, Karachi-75500

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Faisalabad

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Centre Point Plaza,
Jaranwala Road,
Faisalabad-38000

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Sialkot

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(052) 3573367

Images are illustrative and AI-generated; they do not show Tti Labs premises, staff, trainees or courses. Sources: the Tti Labs magazine (v2, 2026), the Tti Labs food profile (2026) and ttilabs.net (read 1 October 2026). Tti Testing Laboratories holds ISO/IEC 17025 accreditation (PNAC LAB 022). Tti Inspections Pvt Ltd holds ISO/IEC 17020 accreditation (PNAC IB-006).

