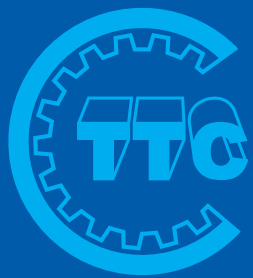


"Whatever you do, work heartily as for the Lord and not for Men" (Colossians 3:23)



CHRISTIAN TECHNICAL TRAINING CENTRE

(A Project of Society for Community Development)
SERVING THE NATION SINCE 1900

125
Years of Academic Excellence

PROSPECTUS 2026-27

CAMPUS AT A GLANCE



2000
STUDENTS



AROUND
100+
FACULTY



18
ACADEMIC
PROGRAMS



24:1
STUDENT
TEACHER RATIO



ACADEMIC
EXCELLENCE

Prospectus 2026-2027



Christian Technical Training Centre

cttcgrw

CTTC Smart Learning

www.cttc.edu.pk

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Message from

Chief Executive Secretary-SCD

On behalf of the Society for Community Development (SCD), I am honored to welcome you to this prestigious institute.

For over 125 years, the Christian Technical Training Centre has been a proud pillar of our community, offering technical education. The world today is driven by innovation and technology, and a strong technical education is more important than ever.

CTTC provides instruction in cutting-edge fields that are in high demand, preparing students for successful careers. Our mission is to equip students with the skills and knowledge they need to succeed in their chosen fields, while also fostering a strong foundation in Christian values. Since the date of establishment, the Centre has proved to be a concrete bridge between under privileged rural people and elite urban dwellers.

With so many institutions offering technical programs, selecting the right one can be daunting. But when we consider the reputation and standing, conducive learning environment, moral and ethical learning, experienced faculty; none compares to CTTC.

I congratulate you for choosing Christian Technical Training Centre, the best institute, for making your professional career. CTTC is dedicated to providing a holistic education that equips you not only with technical skills but also with strong moral character.

Our commitment to excellence ensures you receive a well-rounded education that prepares you for a successful and fulfilling career.

Mr. Imran Azhar

Chief Executive Secretary-SCD

Message from Principal

At Christian Technical Training Centre (CTTC), we are committed to deliver quality technical and healthcare education in line with the standards set by the Punjab Board of Technical Education, Punjab Medical Faculty and other regulatory bodies. Our institution is distinguished by its state-of-the-art laboratory facilities, modern infrastructure, conducts regular seminars and workshops for the students and teachers, establishes and maintains academia-industry linkages. A core focus of our teaching philosophy is practical, hands-on learning. We believe that real-world skills are best developed through experiential education, enabling students to confidently apply theoretical knowledge in professional environment.

CTTC also fosters strong academia-industry linkages, ensuring our students remain aligned with market demands. Our dedicated Job Placement Office supports graduates in securing employment and our annual EXPO brings together industry leaders who engage directly with students for internships and job opportunities. CTTC offers diverse technology programs to cater for the needs of today's rapidly changing environment.

CTTC provide both merit-based and need-based scholarships, including special support for orphans, to ensure education is accessible to all. Our aim is to groom young fertile brains through experiential learning and make them competent worker, law abiding citizen and spiritually enlightened individuals. With a focus on quality education, practical training, and holistic development, CTTC continues to be a preferred destination for students seeking a meaningful and career-oriented education.

Engr. Dr. Roman Kalvin

PhD Mechanical Engineering (Prince of Songkla University, Thailand)

MS Mechanical Engineering (University of Wah, Wah Cantt)

BSc Mechanical Engineering (University of Wah, Wah Cantt)



Established in 1900 CTTC History

Christian Technical Training Centre

"The beginning of every great endeavor is small, and the **Christian Technical Training Center** is no exception. Its roots trace back to an act of profound compassion sparked by crisis. The severe **famine that struck Rajasthan** in the early 20th Century left countless children orphaned and vulnerable. Their cries for help resonated far beyond the region, finding an answer in the outreach of the **American Presbyterian Church** and the dedication of its missionary, **Reverend Osborn Crowe**.



This humanitarian effort began in **Gujranwala** as the **Boys' Industrial Home**, opening its doors to an initial group of **50 orphaned children**. Its inaugural curriculum was dedicated and practical, focusing entirely on a vital and empowering skill: **weaving on manually operated machines** started.

The **2nd decade** marked a period of robust expansion. The student body **tripled to 150**, prompting the swift introduction of new trades: **tailoring and shoemaking**. This expansion brought forward pioneering figures, notably **Master Sant Masih**, who became the Center's first shoemaking instructor. His dedication was further recognized as he was honored with the role of the first **Boarding Master**. **Mr. Mohan Lall** was the first peon who was one of the orphans when the Home started.

The **3rd and 4th decades** marked the transformation of the **Boys' Industrial Home** from a charitable workshop into a comprehensive technical training institution, driven by the introduction of complex new trades and pioneering international expertise. The most significant shift came in **1920** with the arrival of **Mr. Charles Milson**, a Civil Engineer, came to serve with Rev. Osborn Crowe. He oversaw the construction of additional building facilities not only at the Home but also at the **Christian Hospital Taxila** and **Rang Mahal High School** at Lahore.

Major Frank Arthur Whitfield, a qualified Mechanical Engineer and a retired pilot officer from the British Royal Air force, and his American wife also came in the late 20s. Major Whitfield immediately launched the **Auto Mechanic** course. In **1942 the Auto Mechanics** course started; **Mr. William**, 'the Home' graduate was the first instructor and in charge. **Mr. Inayat Kaesar Chand** and Mr. Joseph also served as heads of the shop later. The Home had gained stability and repute by now and was highly esteemed by the community and the government. British Army recruited most of the Auto Mechanic graduates. **Mr. Muhammad Ali** and **Mr. Khurshid Alam** were the promising graduates who later served 'the Home'. Mr. Khurshid Alam led the Auto shop as its head for several years; **Sayyed Abbas Ali Shah** assisted him. Headmaster **Maula Buksh Shadi Khan** taught theory to the Auto Mechanics trainees. The department soon specialized further with **Mr. John Mangee** teaching the crucial skill of charging and repairing electric storage batteries

A symbol of this era's progress was the installation of the **first powered Lathe Machine in 1938**. This major technical achievement became a source of great attraction for the local community. **Master James Rehmat Masih** and **Master Inayat Masih Bhatti** also joined this growing department. (Tragically, Mr. James Rehmat Masih was martyred by police firing during anti-nationalization demonstrations in Rawalpindi in 1972. The period saw the Center's physical and manufacturing capabilities expand dramatically, moving beyond simple weaving.

The introduction of **Blacksmith Machine Shops** had an enormous impact, enabling the Centre to manufacture items like trusses, roofs, locks, and rifle racks. **Master Mohan Lall** was the first instructor in this manufacturing section, later joined by **Master Maula Buxsh**. Other staff, including **Mistry Rehmat** and **Mr. Ibrahim Massey**, served in the blacksmith shop into the late 1950s. **Mr. S.R Philip** later joined the shop after receiving training at Saharanpur.

The essential skill of **carpentry** was formally introduced, taught by dedicated instructors including **Master Karam Elahi, Chario and his brother Hamthio (MOGA Trained), Mr. Nathu Lall, and Mr. Diwan Chandand Mr. Nazir Mohan Lall. Mistry Samson and Elder B.M. Robson** also worked in this department on contractual basis.

The trades of **Spray Painting and Welding** were introduced in **1940-41** with **Master Khan Masih** as the first teacher.

The Center also began **printing letter pads** in **1939**, taught by **Master Patrus. Master Nathu Ram** taught **General Drawing** to all departments, assisted by **Master Sardar Masih**.

The march toward advanced technology continued with the establishment of the **Electrical Shop**, initially led by **Mr. Guru Bant Singh**. Later, courses in **Radio, Television, and Electrical appliance repair** were introduced by **Mr. Herold, Mr. Niamat, and Mr. Sarfraz Lloyd**. Major Whitfield's expertise extended beyond the Center's walls. He advised Government officials on setting up a **Vocational Institution at Gujranwala**. His notable experimental work included constructing a **prototype boat in 1942** at the Commissioner's request. The final water-worthiness trial was carried out in a nearby pond called "Hadan Wala Chapper" (Pond of Bones).

The period immediately following 1947 saw the continuation of international support and in **1948**, two American Engineers, **Mr. Irvin Gustav Lotze** and **Reverend C.E. McBane** (an Audio/Video Engineer), arrived. Rev. McBane quickly established the Boys **Industrial Home Gospel Team**. The construction of the Hostel Chapel was completed under the supervision of **Mr. Mitchell**, with **Mr. Ilum Din** and **Mr. Shafi** serving as the Head Masons.

The **5th decade** saw the worldwide changes brought about by the two World Wars and division of subcontinent with violent birth of Pakistan. The deterioration in global economy affected the financing of the Home and it was closed for a year in 1956.

In the **6th decade** the situation however got revived in 1957-58 for the Machine shop when **Mr. Emmanuel N. Mall** (A Home Trainee) was recalled to supervise the shop. Meanwhile, Mr. Lotze procured 38 machines from America for the Carpenter and the Machine shops. The Machine shop flourished during the leadership of Mr. I.G Lotze. Mr. McBane, the Audio/Video Engineer, introduced photography department that became very popular. Mr. Wajeef Dar, a Parsee, Mr. Mohammed Latif and Mr. Christopher Charles were the other teachers. Mr. Christopher Charles later joined Pakistan Air force as a photographer. Mr. Samuel Barket Masih after being trained was made in charge of the department; Mr. Vincent A. David and Mr. Emmanuel Essa Das received training in this department.

In the **7th decade** **Mr. Nazir Mathias** was appointed as Office Secretary. The name of the Home was changed to "**Christian Technical School**" in 1961. **Mr. H. B. Bagwell**, a B.Sc. Mechanical Engineer arrived from USA school and set up the Drafting Shop with Mr. Wilson as its first student. **Mr. Justin Joel** and **Mr. Abdul Rehman** completed their training in 1968. The Electrical department that had been closed in 5th decade got revived with arrival of **Mr. Brend Kuyvenhoven**; his wife **Marjet Kuyvenhoven** started health awareness and treatment programs for women. **Mr. Noback, Mr. Anwer Saddique Paul**, MSc. Electrical Engineer and **Engr. Shafiq Masih** also served in the electrical department. Mr. Sadiq a B.Sc Civil Engineer served in drafting Shop. Machine shop got further developed by **Mr. Wilhum Wedmann**, a German BSc. Mechanical Engineer and produced agriculture equipment with **Mr. Emmanuel N. Mall** and **Mr. Ibrahim Massey**

The **8th decade** saw the name of the school once again changed to **Christian Technical Training Centre (CTTC)**. A major change in leadership occurred in **1970** when **Mr. Kenneth George Old**, a Civil/Mechanical Engineer was installed as the institution's **Principal**. His arrival also brought crucial ancillary support, as his wife Marie Old, worked as a nurse and assisted him in vital office work. **Mr. Riaz Masih**, BSc. Civil Engineer also assisted him in developing the shop. Mr. Justin Joel was made head of this department in 1974. **Mr. Sigmar Kern**, a German BSc. Engineer, came in 1972 as teacher in the Machine shop. **Mr. Ronald Umar Khatab**, BSc. Mechanical Engineer was the other teacher in the same shop. Mr. Inaq Azhar Sandhu who came as a teacher in 1969 was made head of the department in 1975. In 1973, **Mr. Nathaniel Nawab**, a Diploma Associate Engr. was appointed in Electrical shop and later made Chief Instructor. In middle 70s **Mr. Renni Gold**, joined the Center and helped to improve the training wing of the Centre. He also assisted the administration and served the hostel as an incharge. He served at Gujranwala for 5-6 years and then moved to Shalom Christian Centre Jhelum to undertake new assignment.

The year **1975** marked a pivotal moment for the Center's administration and oversight. The **Society for Community Development (SCD)** was formally established, creating an **umbrella organization** to encompass the **Christian Technical Training Centre (CTTC)** and several other Christian development programs, thereby unifying their efforts and resources. **Mr. Kenneth George Old** was its First **Executive Secretary**.

The institution suffered a profound loss on **November 2, 1975**, with the tragic martyrdom of **Mr. Brend Kuyvenhoven** at his residence. His sacrifice was honored in **1984**, when the **Society for Community Development (SCD)** constructed a residential colony of **16 houses** and named it after him in enduring memory. The Fitter General shop was started in 1977 by **Mr. Martin Broach**, a Mechanical Engineer. On his return after serving three years, another Mechanical Engineer **Mr. John Ferguson** joined and was assisted by **Mr. Javed Nathaniel, Mr. Charles Emmanuel** and **Mr. Barkat Surjan**. In 1978, **Mr. Dick Kleinhesselink** and his wife Ricky Kleinhesselink came who served in the drafting and later carpenter shops. In 1979, Mr. Mushtaq Gill was promoted as the head of the Electrical department.

The 9th decade saw **Mr. Nathaniel Nawab** becoming Principal of the Centre in 1983. **Mr. Barkat Surjan** was made Head of the Fitter shop in 1984. A Dutch volunteer, **Mr. Jan Van Overbeeke** an Electronics Engineer joined the Center in April 1986 and introduced Radio/Television shop followed later by Medical Equipment Mechanics in 1989. He also prepared syllabus for this course at the request of the Government that got approved by Trade Testing Board Development Cell - Government of Punjab and National Training Bureau, Islamabad. **Mr. Ayub Khushi** an Electrical Shop teacher after receiving two-years training was seconded to this department as an instructor in 1986 and later made Head of this department in 1988. The student intake in this department rose very high that afternoon classes had to be started in 1986-1988. In 1986 **Mr. Micheal Lacey** joined the Centre and worked as Assistant Head of Department Fitter Shop and later helped in day to day administration of the Centre. In 1985 the Carpenter Shop was separated upon formation of **Building Trade Centre**. In 1988 the CTTC was affiliated with **Trade Testing Board**, Directorate of Manpower & Training Government of Punjab-Pakistan. A unique school, amalgamating academic and technical education, was set up in 1986 and was named as **Christian Technical High School**. The school provided academic education from class 6th and also basic technical skills to the students. The same school started functioning in 1987 as a **Christian High School** and currently provides education up to Higher Secondary level. **The Crowe Chapel**, with a capacity of **800**, was built by **Mr. Ken Old**. The foundation stone was laid by **Rev. Fredrick Stock**, and the building was dedicated on **December 15, 1989**. In the late 80s Mr. Paul stock and his wife Patricia Stock came; Paul served as the Boarding master for some years.

The 10th decade began with the return of key personnel, as the **Overbeekes** concluded their service and returned to their homeland in 1991. In 1997, **Mr. Yaqoob Shahid** was made head of the Electrical department as Mr. Mushtaq Gill was transferred to the Building Trades Center to carry out its administrative responsibilities. The "**Bread for the World**" donated 15 new machines for the General Metal shops in 1998.

On **23rd May 1999** Mr. Nathaniel Nawab suffered heart attack and passed away. **Wg. Cdr (Retd) Evert A. Lall**, an Aeronautical Engineer serving as the 2nd Chief Executive Secretary of the SCD was appointed as Principal. In May 2000, **Engr. Aftab Asfandiyar Bhatti**, a B.Sc Civil Engineer, was appointed as an Assistant Principal of the Center and promoted as Principal on 1st June 2002.

The 11th decade saw the revival of Auto Mechanic course in collaboration with Dawood YAMAHA Limited and inclusion of the new courses; Fitter Millwright and the Land & Quantity Surveyor. Keeping the revolutionary development of Information Technology, two new courses of Diploma in Information Technology and Diploma in Computer Hardware were introduced. The Centre also started a 3- months course of Professional Air Ticketing in Collaboration with Canadian based Software agency Galileo Pakistan. The Auto CAD course for all CTTC trainees was also introduced. The biggest blessing of this decade was the introduction of higher-level Diploma of Associate Engineering (3 years) Courses in Civil, Electrical, Mechanical, Architecture and Electronics. Centre got registration with Technical Education and Vocational Training Authority (TEVTA) and affiliation with Punjab Board of Technical Education Lahore. The Centre in collaboration with Village Christian Primary Schools started Self Help Groups as 1st phase of Poverty Alleviation Program. The decade that saw the Center modernize its shops and transition its leadership also concluded with a great loss of **Wg. Cdr. (Retd) Evert A. Lall**, whose service began as an Aeronautical Engineer, passed away after dedicating an extraordinary **22 years** to the **Society for Community Development (SCD)**. His life and long tenure marked a significant chapter in the institution's history.

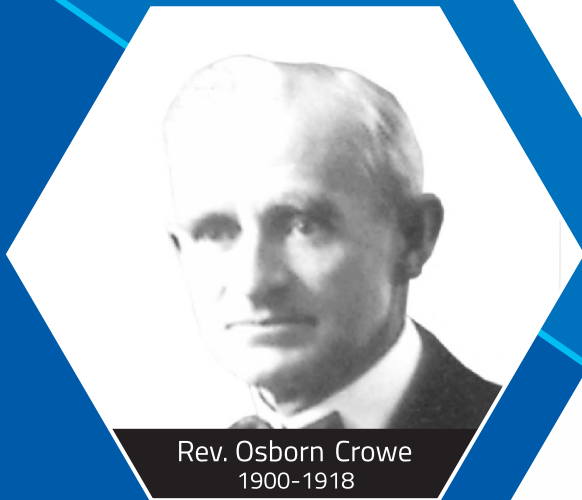
The 12th decade began with a leadership transition: Engr. Aftab Asfandiyar Bhatti, who had been promoted to Principal in 2002, left the institute in June 2011. Following the departure of Engr. Aftab Asfandiyar Bhatti in June 2011, **Engr. Joseph Robert**, who was already serving as the Chief Executive/Secretary of the SCD, assumed the charge of Principal as a stopgap measure to ensure administrative continuity. The long-term transition was secured with the appointment of **Engr. Ameet Gabriel** as Assistant Principal, who was then promoted to Principalship in 2015. Under his guidance, the Center introduced two innovative courses designed to cater to the rapidly changing technological environment: DAE Computer Information Technology and Auto Electrician (a 6-month course). In this period, the computer labs of all departments were developed and equipped; a Central Library and a new academic block were constructed. The Auto, Mechanical, and Civil Departments with cutting- edge machinery were equipped, including the latest EFI Test Bench Engine, CNC Milling Machine, and Universal Testing Machine. This decade also recognized the deep commitment of the institution's personnel.

Three senior instructors, Elder Munawar Chiragh in 2011, Elder Boota Lall in 2014 and Elder Javaid Bhatti in 2016 were made Heads of the Drafting, Mechanical and Electronics department respectively. In April 2018, **Mr. Inaq Azhar Sandhu** was celebrated for his truly illustrious services, marking **50 years** of dedication to the Centre. His remarkable milestone was permanently commemorated with the installation of a marble plaque in his honor within the Christian Technical Training Center. Engr. Gabriel successfully led the institution through this period of comprehensive modernization before leaving the Centre in December 2021.

Engr. Dr. Roman Kalvin, a PhD Mechanical Engineer, joined as Principal in **February 2022**. During this period the necessary structural revisions were made. The academic structure was revised, and a separate academic block was established for the DAE Computer Information Technology Department. The Auto Department Procured EFI Scanning equipment for diagnostics and repair; Mechanical Department: Acquired an Advanced CNC Machining Centre and introduced a separate CNC Programming Course. CTTC initiated an Industrial **EXPO** which saw participation from renowned companies like Toyota, Honda, Suzuki, Hyundai, and Golden Dynamics Pumps, resulting in valuable internships/job opportunities for students. This period also witnessed the construction of a gigantic multi-purpose state-of-the-art hall on the SCD campus which was named after **Engr. Samar Bashir** for his generous financial support.

Engr. Joseph Robert Chief Executive/ Secretary SCD retired in April 2024 after a highly dedicated and fruitful period of service to CTTC/SCD. He passed away shortly thereafter on May 22nd, 2024. This marks the end of an era for the institution. **Mr. Imran Azhar** was appointed as the new Chief Executive/ Secretary of SCD. Mr. Azhar is a long-serving veteran of SCD, with 34 years of dedicated service to the institution, including a previous tenure as Registrar. He is currently leading the institution with a servant - leadership heart, commitment and enthusiasm.

Former
Principals
1900 - 2021



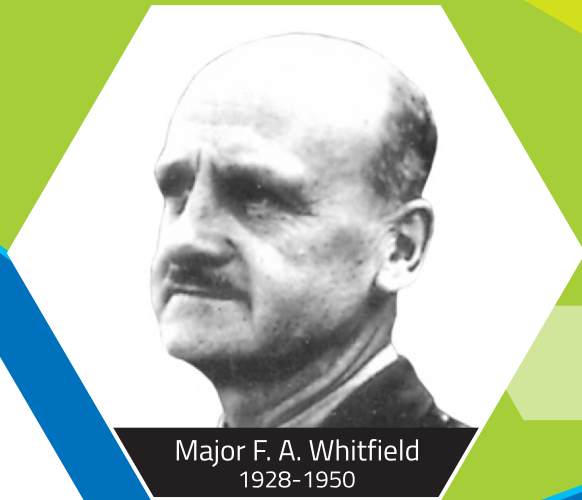
Rev. Osborn Crowe
1900-1918



Mr. Charlie Milson
1919-1928



Mr. Irvin George Lotze
1948-1970



Major F. A. Whitfield
1928-1950



Mr. C. E. McBane
1959-1965



CTTC 125th ANNIVERSARY & GOLDEN JUBILEE OF SCD

Mission, Vision & Core Values

Mission Statement

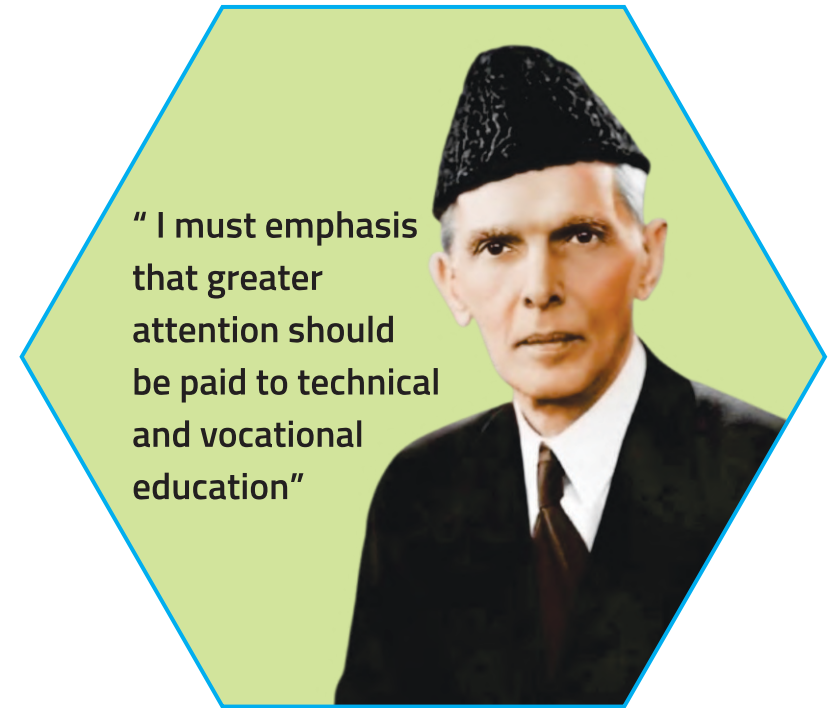
“Whatever you do, work heartily as for the lord not for the men” (Colossians 3:23)

Vision Statement

Personality development of students through quality education in technical, healthcare and computer science fields to ensure their success in the competitive world.

Core Values

- To produce job ready graduates.
- To focus on hands-on training.
- To uplift students of our community especially from rural areas.
- Lifelong Learning



Organizational Setup



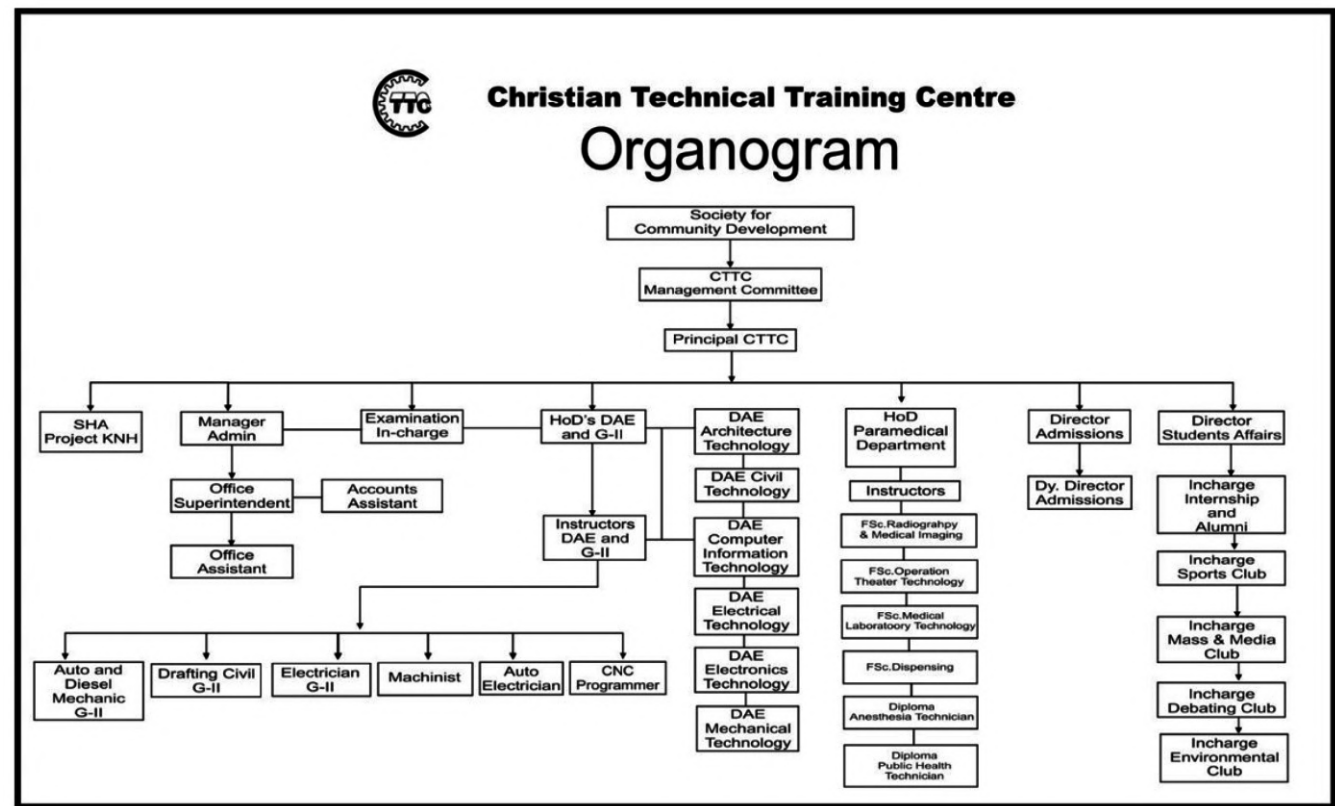
Chairman
Engr. Naveed John Malik

Chief Executive Secretary
Mr. Imran Azhar

Principal
Engr. Dr. Roman Kalvin

Manager Board Affairs
Mr. Pervaiz James

In-Charge Examination
Mr. Qamar Yaqub





CTTC Staff Group Photo



"Teaching with skill, serving with heart — that is the spirit of CTTC educators."

Programs Offered

3 YEARS DIPLOMA OF ASSOCIATE ENGINEERING (D.A.E)

- | |
|------------------------------------|
| 1. ARCHITECTURE TECHNOLOGY |
| 2. CIVIL TECHNOLOGY |
| 3. COMPUTER INFORMATION TECHNOLOGY |
| 4. ELECTRICAL TECHNOLOGY |
| 5. ELECTRONICS TECHNOLOGY |
| 6. MECHANICAL TECHNOLOGY |

2 YEARS CERTIFICATE COURSES

- | |
|---------------------------|
| 1. AUTO & DIESEL MECHANIC |
| 2. DRAFTING CIVIL |
| 3. ELECTRICIAN |

6 MONTHS CERTIFICATE COURSES

- | |
|---------------------|
| 1. CNC PROGRAMMER |
| 2. AUTO ELECTRICIAN |
| 3. MACHINIST |

2 YEARS PARAMEDICAL COURSES

- | |
|-------------------------------------|
| 1. Radiography & Imaging Technology |
| 2. Operation Theater Technology |
| 3. Medical Laboratory Technology |
| 4. Dispensing Technology |
| 5. Dipl. Anesthesia Technician |
| 6. Dipl. Public Health Technician |



Registered Bodies





OUR FACULTY

Architecture Department



The **Architecture Technology** program at CTTC equips students with the knowledge and skills necessary to design, plan, and construct modern structures. The curriculum blends technical expertise with creative design, focusing on sustainable construction, architectural drafting, and building information modeling (BIM). Students gain hands-on experience through practical workshops, industry visits, and real-world projects.

Graduates of this program are prepared for careers in architectural firms, construction companies, and urban planning sectors, contributing to the development of innovative and sustainable infrastructure. Additionally, on-campus recruitment opportunities are available, connecting students with leading employers for internships and job placements, ensuring a smooth transition into the professional field.

Course	Min. Education Req.	Course Duration
Diploma Associate Engr. (Architecture)	Matriculation (Science)	3 Years

Arch. Abeer Obaid BS. Architecture	(Head of Department)
Mahpara Aftab B.Tech (Hons) Civil	(Instructor)
Zahid Younas DAE Civil	(Instructor)
Faizan Yaqoob DAE Architecture	(Instructor)
Husnain Najam DAE Architecture	(Instructor)
Kainat Mushtaq BS. English (Language & Literature)	(Instructor)



Scheme of Studies

(Diploma of Associate Engineering Architecture)

1st Year

Subjects	Credit Hours
Building Material and Construction 1	3
Computer Aided Drafting & presentation 1	3
English	2
Islamiat & Pak Studies / Pak Studies & Ethics	1
Applied Mathematics 1	3
Applied Physics	2
Communication Skills	1
Introduction to Architecture	2
Architectural Graphic 1	3
Chemistry	2
Tarjuma-tul-Quran / Civics	1

2nd Year

Subjects	Credit Hours
Environmental Studies 1	2
Structural Mechanics RCC Design	3
Architectural Design & Drawing 1	3
Computer Aided Drafting & presentation II	2
Surveying & Leveling	4
Building Materials & Constructions II	3
History of Architecture	2
Islamiat & Pak Studies / Pak Studies & Ethics	1
Applied Mathematics	2
Tarjuma-tul-Quran / Civics	1

3rd Year

Subjects	Credit Hours
Environmental Studies II	2
Islamiat & Pak Studies / Pak Studies & Ethics	1
Model Making	2
Architectural Design and Drawing II	4
Computer Aided Drafting & Presentation II	2
Specification & Estimation	3
Building Materials & Constructions II	3
Construction Management & Safety Practices	2
Entrepreneurship	2





OUR FACULTY

Civil Department



The Civil Technology program at CTTC provides students with the essential skills and knowledge needed for the planning, design, and construction of infrastructure projects. The curriculum covers structural engineering, surveying, construction materials, and project management, with a strong emphasis on practical training and industry-relevant experience.

Graduates can pursue careers in construction companies, government departments, and consulting firms. Additionally, on-campus recruitment opportunities connect students with top employers, ensuring smooth transitions into professional roles through internships and job placements.

Course	Min. Education Req.	Course Duration
Diploma Associate Engr. (Civil)	Matriculation (Science)	3 Years

Sohail Roy (Head of Department)
M. Tech (Civil), M. Arch
MBA (Human Resource)

Khuram Shahzad (Instructor)
DAE Civil

Naveed Shahzad (Instructor)
DAE Civil

Atiq Ur Rehman (Instructor)
B.Tech (Hons) Civil

Khaild Riaz (Instructor)
B.Tech (Hons) Civil

Muhammad Nawaz (Instructor)
B.Sc Agriculture Engg, DAE Civil

Zeeshan Munir (Instructor)
DAE Civil

Griffan Siraj (Instructor)
M.Sc Mathematics

Scheme of Studies (DAE Computer Information Technology)

1st Year

Code	Subjects	T	P	C
Gen 111	Islamiat and Pakistan Studies	1	0	1
Eng 112	English	2	0	2
Math 123	Applied Mathematics-I	3	0	3
Phy 132	Applied Physics	1	3	2
CH 132	Applied Chemistry	1	3	2
CIT 101	Occupational Health, Safety and Environment	1	0	1
CIT 103	Introduction to Computing & Application Software	1	6	3
CIT 114	Introduction to Computer Programming	2	6	4
CIT 141	Computer & Peripheral Maintenance	0	3	1
CIT 124	Basic Electronics	2	6	4
TTQ 111	Tarjuma-tul-Quran / Civics	1	0	1

2nd Year

Code	Subjects	T	P	C
Gen 201	Islamiat and Pakistan Studies	1	0	1
Math 233	Applied Mathematics II	3	0	3
Mgm 211	Business Communication	1	0	1
CIT 203	Data Communication & Computer Networks	2	3	3
CIT 273	Digital Logic Design	2	3	3
CIT 222	Operating System	1	3	2
CIT 283	Database Management System	2	3	3
CIT 293	Computer Graphics Designing	1	6	3
CIT 204	Web Development	2	6	4
TTQ 211	Tarjuma-tul-Quran / Civics	1	0	1

3rd Year

Code	Subjects	T	P	C
Gen 301	Islamiat and Pakistan Studies	1	0	1
CIT 312	Internet of Things	1	3	2
CIT 313	Network and Server Administration	1	6	3
CIT 314	Mobile Applications Development	2	6	4
CIT 322	Entrepreneurship and Freelancing	1	3	2
CIT 343	Microprocessor Fundamentals	2	3	3
CIT 372	UI/UX Design	1	3	2
CIT 381	Software Quality Assurance	0	3	1
CIT 392	Project	0	6	2



Electrical Department



Electrical Technology program at CTC prepares students for one of the most demanding and rapidly growing fields in the engineering sector. The curriculum covers power systems, electrical machines, industrial automation, renewable energy, and circuit design, equipping students with both theoretical knowledge and practical skills through modern labs and hands-on training.

Graduates have excellent career opportunities in power generation, industrial automation, telecommunication, and construction industries. Additionally, on-campus recruitment opportunities connect students with top employers, ensuring internships and job placements for a successful professional career.

Courses	Min. Education Req.	Course Duration
Diploma Associate Engg. (Electrical)	Matriculation (Science)	3 Years
Electrician	Matriculation (Science / Arts)	2 Years

OUR FACULTY

Barkat Surgan Machinist, General Fitter	(Head of Department)	Engr. Salahudin B.Sc Electronic Engg.	(Instructor)
Engr. Zeshan Javed B.Sc Electrical Engg.	(Instructor)	Zeshan Shafiq DAE ET	(Instructor)
Rehmat Masih DAE ET	(Instructor)	Mr. Abid Ali BS (ET)	(Instructor)
Afroon Iqbal B-Tech ET	(Instructor)	Yasir Bashir DAE Electronics	(Instructor)
Muhammad Rauf B.Tech (Hons) Electrical	(Instructor)		



Electronics Department



The Electronics Technology program at CTTC equips students with the skills and knowledge required for one of the most demanding and rapidly evolving fields in modern industry. The curriculum covers circuit design, micro controllers, industrial automation, communication systems, embedded systems, and PLC (Programmable Logic Controller) training, providing both theoretical understanding and hands-on experience through advanced labs and industry projects.

Graduates have excellent career opportunities in telecommunications, automation, consumer electronics, and industrial electronics sectors. Additionally, on-campus recruitment opportunities connect students with top employers, ensuring internships and job placements for a successful career

Course	Min. Education Req.	Course Duration
Diploma Associate Engr. (Electronics)	Matriculation (Science)	3 Years

Javaid Bhatti B.Tech Electronics , M.A (PU)	(Head of Department)
Robert Masih B.A,G-II (Radio/TV Mechanic)	(Instructor)
Yousaf John DAE Electronics , BLIS	(Instructor)
Muhammad Akif DAE Electronics	(Instructor)
Saleem Ahmad B.Tech Electronics	(Instructor)

OUR FACULTY



Scheme of Studies (Diploma of Associate Engineering Electronics)

1st Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
English	2	0	2
Applied Mathematics - I	3	0	3
Applied Physics	1	3	2
Applied Chemistry	1	3	2
Computer Fundamentals	1	3	2
Electrical Circuits	3	3	8
Electronic Devices	2	9	3
Engineering Drawing & Computer Aided Design	0	6	0
Electrical Wiring	0	3	1
Tarjuma-tul-Quran / Civics	1	0	1

2nd Year

Subjects	T	P	C
Islamiat & Pak Studies	1	0	1
Applied Mathematics - II	3	0	3
Communication Skills	1	0	1
Propagation of Electromagnetic Waves	2	0	2
Analogue Electronics	3	6	5
Electrical Instruments & Measurements	2	3	3
Electrical Machines	2	3	3
Communication Systems	2	3	3
Digital Electronics	3	3	4
PCB Fabrication	0	3	1
Tarjuma-tul-Quran / Civics	1	0	1

3rd Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
Industrial Management and Human Relations	1	0	1
Occupational Safety & Health Environment	1	0	1
Computer Architecture	3	3	4
Industrial Electronics	2	3	3
Equipment Maintenance & Servicing	0	6	2
Project	0	6	2
Micro Controller Programming & Application	2	3	3
Power Electronics	2	3	3



Mechanical Department



The Mechanical Technology program at CTTC prepares students for one of the most demanding and versatile engineering fields. The curriculum covers manufacturing processes, machine design, thermodynamics, hydraulics, pneumatics, and CNC machining, providing both theoretical knowledge and hands-on training in well-equipped labs and workshops.

Graduates have excellent career opportunities in automobile, aerospace, manufacturing, and industrial maintenance sectors. Additionally, on-campus recruitment opportunities connect students with top employers, ensuring internships and job placements for a successful professional career.

Courses	Min. Education Req.	Course Duration
Diploma Associate Engg. (Mechanical)	Matriculation (Science)	3 Years
CNC Programmer	Matriculation (Science / Arts)	6 Months
Machinist	Middle	6 Months

Boota Lall (Head of Department)
Mechanical Draftsman, Machinist , General Fitter, CNC

Shahzad Arif (Instructor)
B.Tech - Mechanical

Nisar Anjum (Instructor)
B.Tech - Mechanical

M.Amjad Rana (Instructor)
B.Tech - Mechanical

Ilyas Masih (Instructor)
DAE Welding

Samuel Aziz (Instructor)
B.Tech - Mechanical

Alizarer Raja (Instructor)
BS. Tech - Mechanical

Hamza Ashraf (Instructor)
B.Tech - Mechanical

Giles David (Instructor)
B.Sc (Math, Phy , Chem)



CNC Machining Center
(10 Tools Changer)
EMCO PC MILL 125-Austria

OUR FACULTY

Scheme of Studies

Diploma of Associate Engineering Mechanical

1st Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
Functional English	2	0	2
Applied Mathematics	3	0	3
Applied Physics	1	3	2
Applied Chemistry	1	3	2
Workshop Practice - I	2	15	7
a) Metal Work	0	3	0
b) Wood Work	0	3	0
c) Welding & Forging	0	3	0
d) Foundry	0	3	0
e) Theory	2	0	0
f) Basic Machine Shop - I	0	3	0
Computer Application	1	3	2
Safety Practice and Procedures	1	0	1
Basic Engineering Drawing and CAD - I	1	6	3
Tarjuma-tul-Quran / Civics	1	0	1

2nd Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
Applied Mechanics	1	3	2
Applied Mathematics	3	0	3
Business Communication	1	0	1
Business Management and Industrial Economics	1	0	1
Applied Electricity and Electronics	1	3	2
Metrology	1	3	2
Engineering Drawing - II	1	6	3
a) Machine Drawing - II	1	3	0
b) 2D & 3D CAD	0	3	0
Workshop Practice - II	2	12	6
a) Basic Machine Shop - II	0	6	0
b) Foundry and Patter Making	0	3	0
c) Adv. Welding	0	3	0
d) Theory Welding	2	0	0
Metallurgy	2	0	2
Tarjuma-tul-Quran / Civics	1	0	1



3rd Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
Industrial Management and Human Relations	1	0	1
Hydraulic and Hydraulic Machines	1	3	2
Applied Thermodynamics	2	3	3
Industrial Planning & Production Methods	1	0	1
Machine Design & Analysis	2	3	3
Tool & Mould Design	2	3	3
Material test and Heat Treatment	1	3	2
Workshop Practice - III	2	6	4
CAD / CAM	1	3	2
CNC Machines	1	3	2

CNC Programmer

6 - Months Course

Computer aided design process (CAD/CAM/CNC) has revolutionized the process of product design. Modern techniques have integrated the design cycle from concept inception to CNC production operations. This course will focus on CNC (Manual, Software Programming) by using CAD & CAM simulation for efficient product design & development.

Subjects	T	P	T
Fundamentals of CAD / CAM / CAE	20	80	100
Basic Mathematics	5	35	40
Basic Machine Shop Operations	15	80	95
Manual Programming	42	163	205
CNC Software Programming	40	200	240
IT Fundamentals	30	50	80
Functional English	8	32	40
Total	160	640	800

Machinist

6 - Months Course

In machinist training, the students are guided to work on the most modern lathe machines, shaper machines, cylindrical grinding machines, surface grinding and milling machines.

Subjects	T	P	T
Measuring	8	22	30
Fitting (Bench Work)	7	154	161
Tool Grinding	7	79	86
Turning	10	155	165
Milling	6	119	125
Shaping	5	59	64
Workshop Project / Maintenance	1	48	49
I.T Fundamentals	8	32	40
Functional English	16	64	80
Total	68	732	800



Drafting Civil Department



Drafting Civil Course at CTTC prepares students for one of the most demanding fields in construction and infrastructure development. The curriculum covers architectural and structural drafting, building design, surveying, CAD (Computer-Aided Design), and project estimation, providing both theoretical knowledge and hands-on experience through modern drafting labs and industry projects.

Graduates have excellent career opportunities in construction firms, architectural companies, government projects, and urban planning sectors. Additionally, on-campus recruitment opportunities connect students with top employers, ensuring internships and job placements for a successful career.



Course	Min. Education Req.	Course Duration
Drafting Civil	Matriculation (Art / Science)	2 Years

OUR FACULTY

Munawar Chiragh
D/Man /Civil /Mechanical

(Head Of Department)

Sharjeel Munawar
G-II Drafting Civil

(Instructor)



Scheme of Studies (Drafting Civil)

In this training students have given the basic concept of building drawings, building materials, surveying, building work supervision and auto CAD (Computer Aided Design).



1st Semester

Subjects	T	P	T
Engineering Drawing	140	600	740
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800

2nd Semester

Subjects	T	P	T
Building Drawing	110	435	545
a. Building Drawing	-	-	-
b. Building Material	-	-	-
c. Mansuration	-	-	-
CAD (2D)	30	165	195
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800



3rd Semester

Subjects	T	P	T
Building - II	126	430	556
Computer Application	14	170	184
Work Ethics	-	20	20
Functional English	20	20	40
Total	160	640	800

4th Semester

Subjects	T	P	T
Quantity Surveying	110	320	430
Auto CAD (3D)	30	230	260
Project	-	50	50
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800



Auto & Diesel Mechanic Department



Auto, Diesel & Mechanic Course at CTTC prepares students for one of the most demanding and rapidly growing fields in the automotive industry. The curriculum covers EFI (Electronic Fuel Injection) engine systems, scanner diagnostics, engine components, 2 stroke and 4 stroke engines, cooling system, power transmission system, engine overhauling, fuel systems, transmission, vehicle electrical systems, and modern vehicle maintenance, with hands-on training in well-equipped workshops

Students also benefit from a 6-month internship in well-reputed auto industries, gaining real-world experience during their studies. Graduates have excellent career opportunities in automobile workshops, transportation companies, and manufacturing industries. Additionally, on-campus recruitment opportunities connect students with top employers, ensuring job placements and career growth.

Course	Min. Education Req.	Course Duration
Auto & Diesel Mechanic	Matric (Arts & Science)	2 Years
Auto Electrician	Middle	6 Months



OUR FACULTY

- Inderyas Arif**
G-II (Auto & Diesel Mechanic) (Head Of Department)
- Zulqarnain Masih**
G-II (Auto & Diesel Mechanic) (Instructor)
- Gulzar Sardar**
Auto & Diesel Mechanic Certificate (Instructor)
- Ashar Masih**
Auto & Diesel Mechanic Certificate (Instructor)
- Abu Bakr Raza**
G-II (Auto & Diesel Mechanic) (Instructor)



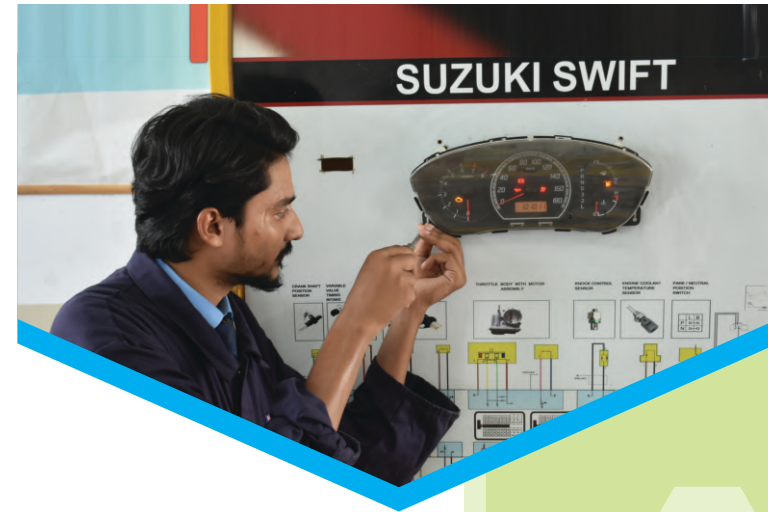
Scheme of Studies (Auto & Diesel Mechanic)

1st Semester

Subjects	T	P	T
Workshop Practice - II	70	300	370
Engines	23	235	258
Auto Electrical	7	65	72
Technical Mathematics	20	-	20
Technical Drawing	20	-	20
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800

2nd Semester

Subjects	T	P	T
Power Train	32	200	232
Brakes / Suspension and Steering System	52	230	282
Driving & Riding (Car & Motorcycle)	16	170	186
Technical Mathematics	20	-	20
Technical Drawing	20	-	20
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800

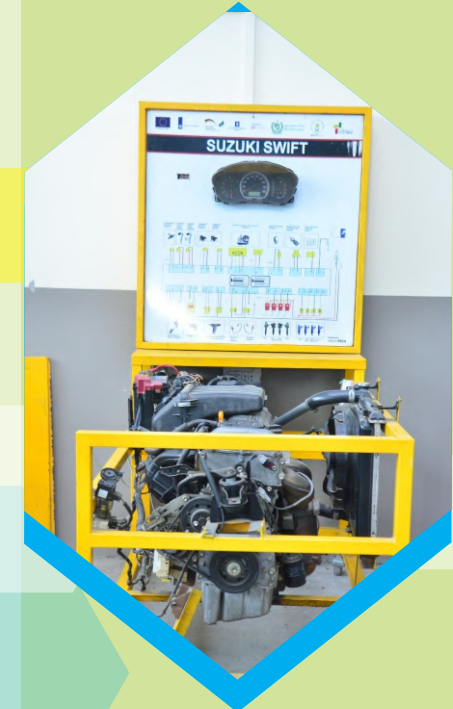


3rd Semester

Subjects	T	P	T
Engine	60	360	420
Power Train - II	20	140	160
Chassis System	20	100	120
Technical Mathematics - III	20	-	20
Technical Drawing - III	20	-	20
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800

4th Semester

Subjects	T	P	T
Basic Electricity	32	74	106
Battery	9	69	78
Self-starter	9	113	122
Charging Circuit	13	165	178
Electrical & Electronic Devices	37	179	216
Technical Mathematics - IV	20	-	20
Technical Drawing - IV	20	-	20
Functional English	20	20	40
Work Ethics	-	20	20
Total	160	640	800



Auto Electrician 6 - Months Course

EFI OBD Scanner LAUNCH X431 PRO V5



The 6-Month Auto Electrician Course at CTC prepares students for one of the most demanding fields in the modern automotive industry. The curriculum focuses on EFI (Electronic Fuel Injection) engine systems, battery ignition systems, various types of sensors in EFI engines, and vehicle diagnosis through OBD (On-Board Diagnostics) scanners. Students also learn about vehicle wiring, fault detection, and troubleshooting techniques using advanced tools and equipment.

With hands-on training in well-equipped labs and workshops, students gain practical experience essential for working in automobile workshops, service centers, and the transportation industry.



Scheme of Studies

Subjects	T	P	T
Introduction to Auto Electrician Basics	51	90	141
Starting System of Vehicle	13	80	93
Charging System of Vehicle	16	63	79
Ignition System of Vehicle	20	90	110
Wiring Circuits and Accessories	18	91	121
Vehicle Air Conditioning and System	12	80	92
Hybrid & Electric Vehicle	6	50	56
I.T Fundamentals	8	32	40
EFI Training	16	64	80
Total	160	640	800

F.Sc. (Radiography & Imaging Technology)

The Radiography & Imaging Technology program at CTC prepares students for one of the most demanding fields in the healthcare industry. The curriculum covers X-ray imaging, ultrasound, CT scans, MRI techniques, and radiation safety, equipping students with the technical skills required for medical imaging and diagnostics.

To enhance hands-on learning, hospital practical training in well-reputed hospitals is conducted during the studies, allowing students to gain real-world experience in operating imaging equipment and assisting in accurate diagnosis. Graduates have excellent career opportunities in hospitals, diagnostic centers, and radiology departments.



Min. Education Req.

Matriculation (Science with Biology)

Course Duration

2 Years

OUR FACULTY

Dr. Kenneth Kamran (Head of Department)
MBBS, MCPS, M.A & D.A
Anesthesiology

Miss Izat Ijaz (Coordinator & Instructor)
BS. (Hons)
(Radiography & Medical Imaging Technology)

Miss Nazish Ilyas (Instructor)
M. Phil (Chemistry)

Scheme of Studies

Part - 1

Hours Distribution Per Year

Subjects	T	P
Radiographic Techniques-I	240	240
Basic Medical Sciences-I	120	120
Applied Sciences-I	80	40
English-I	240	-
Urdu-I	240	-
Islamic Education / Civics for Non Muslims	40	-
Total	960	400

Part - 2

Hours Distribution Per Year

Subjects	T	P
Radiographic Techniques-II	240	360
Basic Medical Sciences-II	80	40
Applied Sciences-II	80	40
English-II	240	-
Urdu-II	240	-
Pak Studies	40	-
Total	920	440

Operation Theater Technology



The Operation Theater Technology program at CTTC prepares students for one of the most demanding fields in the healthcare sector. The curriculum covers surgical procedures, sterilization techniques, anesthesia equipment handling, and patient monitoring, equipping students with essential theoretical knowledge and practical skills.

To enhance hands-on experience, hospital practical training in well-reputed hospitals is conducted during the studies, allowing students to gain real-world exposure and develop confidence in operation theatre environments. Graduates have excellent career opportunities in hospitals, surgical centers, and healthcare institutions.

Min. Education Req.	Course Duration
Matriculation (Science with Biology)	2 Years

Dr. Kenneth Kamran
MBBS, MCPS, M.A & D.A
Anesthesiology

(Head of Department)

Mr. Hunny Manzoor
M. Phil (English)

(Instructor)

Dr. Sheetal Naeem
MBBS

(Instructor)

OUR FACULTY

Part - 1 Scheme of Studies

Hours Distribution Per Year

Subjects	T	P
Operation Theater Technique-I	240	240
Basic Medical Sciences-I	120	120
Applied Sciences-I	80	40
English-I	240	-
Urdu-I	240	-
Islamic Studies	40	-
Total	960	400

Part - 2

Hours Distribution Per Year

Subjects	T	P
Operation Theater Technique-II	240	240
Basic Medical Sciences-II	120	120
Applied Sciences-II	80	40
English-II	240	-
Urdu-II	240	-
Islamic Studies	40	-
Total	960	400



Medical Laboratory Technology

The Medical Laboratory Technology program at CTC prepares students for one of the most demanding fields in the healthcare industry. The curriculum covers clinical pathology, microbiology, biochemistry, hematology, and diagnostic techniques, equipping students with essential laboratory skills for disease diagnosis and medical research.

To enhance practical learning, hospital practical training in well-reputed hospitals is conducted during the studies, allowing students to gain hands-on experience in laboratory procedures and modern diagnostic equipment. Graduates have excellent career opportunities in hospitals, diagnostic labs, research centers, and healthcare institutions.



Min. Education Req.	Course Duration
Matriculation (Science with Biology)	2 Years
Dr. Kenneth Kamran MBBS, MCPS, M.A & D.A Anesthesiology	(Head of Department)

Miss Komal Qaiser
BS. (Hons)
(Medical Laboratory Technology)

Mr. Usman Raza
Medical Laboratory Technician

Miss. Sajida Jameel
M.A (Urdu)

(Instructor)

(Instructor)

(Instructor)

OUR FACULTY



Scheme of Studies

Compulsory Subjects

Subjects	Theoretical	Practical	Total Working Hours
English	150 x 1 Hours	-	150 Hours
Urdu	150 x 1 Hours	-	150 Hours
Islamic Studies	150 x 1 Hours	-	150 Hours
Pakistan Studies	150 x 1 Hours	-	150 Hours

Technical Subject 1st & 2nd Year (Medical Lab. Technology)

Subjects	Theoretical	Practical	Total Working Hours
Elementary Anatomy & Micro Techniques	40 x 1 Hours	25 x 2 Hours	250 Hours
	40 x 1 Hours	46 x 2 Hours	
Hematology & Blood Banking	50 x 1 Hours	70 x 2 Hours	250 Hours
	20 x 1 Hours	20 x 2 Hours	
(Microbiology-I) Bacteriology & Virology	55 x 1 Hours	70 x 2 Hours	250 Hours
	25 x 1 Hours	20 x 2 Hours	
Microbiology-II Parasitological & Mycology	50 x 1 Hours	50 x 2 Hours	250 Hours
	20 x 1 Hours	20 x 2 Hours	
Clinical Pathology & Serology	50 x 1 Hours	70 x 2 Hours	250 Hours
	30 x 1 Hours	20 x 2 Hours	
Elementary Chemistry & Chemical Pathology	40 x 1 Hours	25 x 2 Hours	260 Hours
	60 x 1 Hours	60 x 2 Hours	
Grand Total	970	1020	1990 Hours



Dispensing Technology



The Dispensing Technology program at CTTC prepares students for one of the most demanding fields in the healthcare and pharmaceutical industry. The curriculum covers pharmaceutical dispensing, drug formulation, dosage calculation, patient counseling, and medical store management, ensuring a strong foundation in both theoretical and practical aspects of the field.

To enhance hands-on learning, hospital practical training in well-reputed hospitals is conducted during the studies, allowing students to gain real-world experience in dispensing medications and handling prescriptions. Graduates have excellent career opportunities in hospitals, pharmacies, pharmaceutical companies, and healthcare institutions.

Min. Education Req.	Course Duration
Matriculation (Science with Biology)	2 Years

Machinist, General Fitter

Dr. Kenneth Kamran (Head of Department)
MBBS, MCPS, M.A & D.A
Anesthesiology

Miss. Humna Nadeem (Instructor)
Doctor of Pharmacy

Dr. Lily Robert (Coordinator & Instructor)
MBBS & MCPS

Mr. Muhammad Khubaib (Instructor)
M. Phil (Physics)

OUR FACULTY

Part - 1 Scheme of Studies

Hours Distribution Per Year

Subjects	T	P
Dispensing Techniques-I	240	240
Basic Medical Sciences-I	120	120
Applied Sciences-I	80	40
English-I	240	-
Urdu-I	240	-
Islamic Education / Civics for Non Muslims	40	-
Total	960	400

Part - 2

Hours Distribution Per Year

Subjects	T	P
Dispensing Techniques-II	240	360
Basic Medical Sciences-II	80	40
Applied Sciences-II	80	40
English-II	240	-
Urdu-II	240	-
Islamic Education / Civics for Non Muslims	40	-
Total	920	440



Anesthesia Technician

The Anesthesia Technician program at CTTC prepares students for one of the most demanding fields in the healthcare industry. The curriculum covers anesthesia administration, patient monitoring, operation theater assistance, pain management, and emergency care, equipping students with the essential skills required to assist anesthesiologists during surgical procedures.

To enhance hands-on learning, hospital practical training in well-reputed hospitals is conducted during the studies, allowing students to gain real-world experience in anesthesia techniques and patient care. Graduates have excellent career opportunities in hospitals, surgical centers, and intensive care units (ICUs).

Min. Education Req.	Course Duration
Matriculation (Science with Biology)	2 Years

Dr. Kenneth Kamran
MBBS, MCPS, M.A & D.A
Anesthesiology
(Head of Department)

Dr. Sheetal Naeem
MBBS
(Coordinator & Instructor)

OUR FACULTY

Scheme of Studies

Part - 1

- UNIT-1 : Operation Theater
- UNIT-2 : Management Equipment & Devices
- UNIT-3 : Sterilization & Disinfection

Part - 2

- UNIT-1 : General Principles of Anesthesia
- UNIT-2 : Equipment
- UNIT-3 : Procedures



Public Health Technician



The Public Health Technician program at CTTC prepares students for one of the most demanding fields in the healthcare sector. The curriculum covers disease prevention, community health, epidemiology, environmental health, and health education, equipping students with the skills needed to improve public health and safety.

To enhance hands-on learning, hospital practical training in well-reputed hospitals is conducted during the studies, allowing students to gain real-world experience in healthcare programs and public health initiatives. Graduates have excellent career opportunities in hospitals, government health departments, NGOs, and community health organizations.

Min. Education Req.	Course Duration
Matriculation (Science with Biology)	2 Years

Dr. Kenneth Kamran (Head of Department)
MBBS, MCPS, M.A & D.A
Anesthesiology

Miss Saba Safdar (Coordinator & Instructor)
Masters (Public Health)

OUR FACULTY

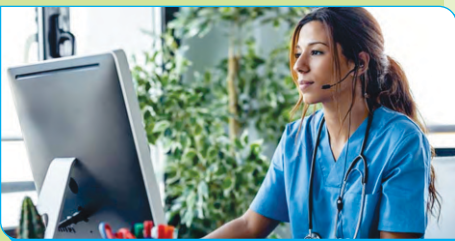
Scheme of Studies

Part - 1

- UNIT-1 : Communicable Diseases Control
- UNIT-2 : Elementary Entomology & Parasitological
- UNIT-3 : Immunity & Vaccination
- UNIT - 4 : Vector Born Diseases
- UNIT- 5 : Public Health Administration
- UNIT - 6 : Vital Statistics

Part - 2

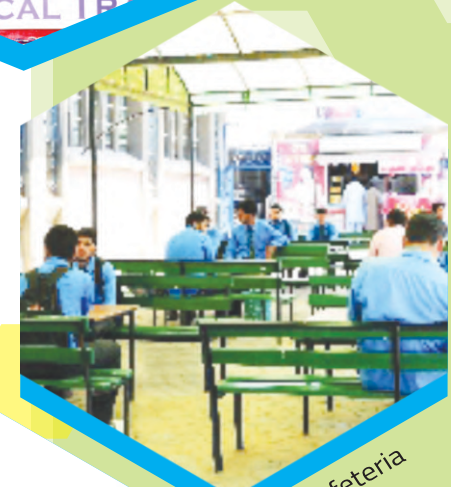
- UNIT - 1 : Food & Nutrition
- UNIT - 2 : Food Adulteration
- UNIT - 3 : General Hygiene
- UNIT - 4 : Environmental Hygiene
- UNIT - 5 : Municipal & Rural Hygiene
- UNIT - 6 : Hospital Hygiene
- UNIT - 7 : Occupational Hygiene
- UNIT - 8 : Minor Sanitary Engineering



Facilities at CTTC

Facilities for Students at CTTC

- ❖ 21 acre beautiful campus in the heart of the city
- ❖ Well equipped labs
- ❖ Generator backup
- ❖ Qualified & trained faculty
- ❖ On-Campus Recruitment facility
- ❖ Sports grounds available to students for playing cricket, football & basketball
- ❖ Safe, Secure and Disciplined environment for students
- ❖ Cafeteria
- ❖ Air conditioned computer labs
- ❖ Medical Room & Ambulance



Cafeteria



Generator Backup



Medical Room



Sports Ground

Learning & Development

Services

Learning & Development Services

- Central Library
- Internship & Job Placement Office
- Health Care Services
- Engineering Services

Central Library

The Centre has a central library. At present there are about 15,000 books ranges from technical education to general knowledge. The library also has sufficient volumes of technical journals. The books can be issued from CTTC central library. Reference books can also be consulted from the library.

Career Resource Centre

The Christian Technical Training Centre offers students valuable updates in the latest trends and potential Job opportunities available in the field of higher education and employment. Career resource centre also helps CTTC trainees to get internships in Industries and hospitals with respect to their field of study.

Health Care Services

Students requiring immediate medical attention are referred to SCD dispensary and District Head Quarter hospital Gujranwala. The first aid boxes are provided in workshops to meet any emergency.

**CHRISTIAN TECHNICAL TRAINING CENTRE
GUJRANWALA**

Now Offering
Engineering Services

OUR SERVICES:

- Test Inspection for Industrial purpose
- University PYP Students
- Test Reports
- Lab Apparatus

CONTACT NOW

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Scholarships



The Christian Technical Training Centre provides scholarship in the form of fee concession to its trainees. The fee concessions are given to deserving hostel and day scholar students on the following basis:

- ❖ Need + Merit based
- ❖ Merit based
- ❖ Orphan students

Key Notes

1. The application form can be taken from the scholarship office.
2. The decision of approval or cancellation of scholarship is made by the scholarship committee after careful assessment of the information provided by the applicant.
3. No application will be taken after the deadline.

The scholarship will be cancelled on the following basis:

- ❖ Low attendance
- ❖ Poor Behavior in class
- ❖ False information provided by the student
- ❖ Involvement in any disputes/fights



Co-Curricular Activities

A healthy mind needs a break from the monotony of studies, which is important for a healthy body to reach its full potential. The Christian Technical Training Centre provides ample opportunities to students to participate in the following co-curricular activities.

- ❖ Project Exhibition & Industrial EXPO
- ❖ Principal address & Investiture ceremony
- ❖ CTTC graduation
- ❖ CTTC industrial tours
- ❖ Workshop & Seminars for students
- ❖ Parent teacher meeting
- ❖ Motivational sessions
- ❖ Teacher's training



Project Exhibition & Industrial EXPO 2025

EXPO 2025, held on 4th December 2025, was a landmark event organized by CTTC to strengthen industry–academia collaboration and promote technical excellence. Renowned industries actively participated in the exhibition, including Toyota, Honda, Suzuki, Storm Fibre, Islamabad Diagnostic Centre, Golden Fuji, and Akram Spot Welding.

Students of final-year DAE and Paramedical programs proudly presented their technical and research-based projects, demonstrating practical skills and creativity. Certificates were awarded to the best projects in recognition of outstanding performance and shields were presented to the participating industry owners as a token of appreciation for their valuable support and collaboration. The occasion was honored by the presence of Engr. Naveed John Malik, Chairman SCD, who graced the event as the Chief Guest.

EXPO 2025 provided a dynamic platform for meaningful interaction between students, faculty, and industry leaders, reaffirming CTTC’s commitment to producing skilled, competent and job-ready graduates

Various projects were exhibited in EXPO 2025



Departments	Projects
Architecture	5
Computer Information Technology	9
Civil	6
Electronics	5
Mechanical	9
Electrical	5
Auto & Diesel Mechanic	4
Drafting Civil	3
Paramedical	5
Total	51



PROJECT EXHIBITION, JOB FAIR & INDUSTRIAL EXPO

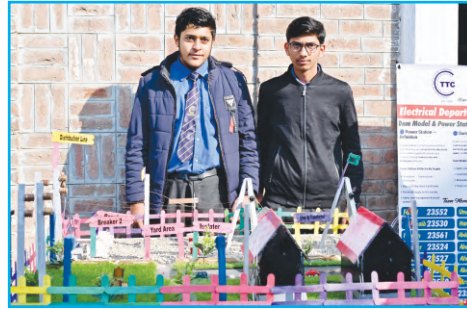
Date 4-DEC 2025 THURSDAY
Time 9:00 am

Collaboration with





Project Exhibition, Job Fair & Industrial EXPO 2025



Industrial Tours / Study Visit

CTTC regularly arranges industrial and study visits to provide students with practical exposure to their respective fields. These visits bridge the gap between theoretical learning and real-world applications, allowing students to observe industry practices, modern technologies, and professional work environments.



Students's Trainings Motivational Session & Workshops

CTTC conducts training and motivational sessions throughout the year to enhance students' skills, confidence, and career readiness. These sessions focus on professional development, technical expertise, and personal growth, empowering students to overcome challenges and achieve their goals. Experienced trainers and industry experts guide students, inspiring them to excel in their academic and professional journeys.



International Speaker



Awareness Session on Breast Cancer & Dengue Fever



Rescue 1122 - Fire Fighting & First Aid Training



International Speaker



Awareness Session Traffic Rules & Regulations



Free Auto Technical Training Workshop for Women

Staff Trainings



Official Visits & MoUs



MoU with CFI



MoU with IDC



Internships & Job Placement

CTTC has established Internship and Job Placement Office to provide support to students in work experience placements including internships and jobs and guide them according to industries requirements. In year 2024, 64 fresh graduates of CTTC got jobs in various reputed industries.



Internship of Students at HONDA Gujranwala



Internship of Students at TOYOTA Rahwali



Internship of Students at Hyundai



Hospital Training Certificates to Paramedical Students



Internship of Students at GEPCO



On Campus Recruitment-Storm Fiber

Extra Curricular Activities



Sport Gala, Debate & Dramatics Competition 2025

Tree Plantation & Cleanliness Walk

CTTC organized a Tree Plantation and Cleanliness Walk, with the esteemed participation of Deputy Commissioner Gujranwala. The event aimed to promote a Clean and Green Pakistan, emphasizing the importance of environmental sustainability and renewable energy. Students and faculty members joined hands to plant trees and spread awareness about cleanliness, reinforcing the commitment to a healthier and greener future.



Recreational Trips



Murree & Bhurban



Kohala Naleem



Staff Tour



Kartarpur



Rohtas Fort



Faisal Masjid



Badshai Masjid

Achievements

List of Position Holder in District Gujranwala Punjab Board of Technical Education Lahore. DAE First Annual Examination 2025



3rd Position in Punjab

Congratulations



**1st
Position**



Mustafa Farooq
Architecture Dept. B. Roll No. 166158
Marks 2899/3150 (92.03%)

**3rd
Position**



Raja Abdur Raheem
CIT Dept. B. Roll No. 171746
Marks 2892/3200 (90.38%)

**5th
Position**



Muhammad Zeeshan Khan
Civil Dept. B. Roll No. 168639
Marks 3158/3550 (89.89%)

**7th
Position**



Ghulam Asghar
CIT Dept. B. Roll No. 171745
Marks 2852/3200 (89.13%)

**8th
Position**



Manahil Azam
Architecture Dept. B. Roll No. 166147
Marks 2797/3150 (88.79%)

**9th
Position**



Asad Ali
Electrical Dept. B. Roll No. 175343
Marks 3152/3550 (88.79%)

**11th
Position**



Malik Muhammad Shaheer
Civil Dept. B. Roll No. 168637
Marks 3094/3500 (88.40%)

**14th
Position**



Usama Zafar
Civil Dept. B. Roll No. 168649
Marks 3082/3500 (88.06%)

**16th
Position**



Muhammad Bilal Ahmed
Civil Dept. B. Roll No. 168657
Marks 3069/3500 (87.69%)

**19th
Position**



Temoor Ali
Mechanical Dept. B. Roll No. 181400
Marks 2997/3450 (86.87%)

**21st
Position**



Muhammad Sinan
Mechanical Dept. B. Roll No. 181438
Marks 2965/3450 (85.94%)

**22th
Position**



Moeed Afzal
Mechanical Dept. B. Roll No. 181412
Marks 2963/3450 (85.88%)

**25th
Position**



Zain Ali
Electrical Dept. B. Roll No. 175318
Marks 3040/3550 (85.63%)

**26th
Position**



Muhammad Nafay Nizam
Electronics Dept. B. Roll No. 178846
Marks 2954/3450 (85.62%)

**27th
Position**



Muhammad Fawad Ali
Civil Dept. B. Roll No. 168645
Marks 2993/3500 (85.51%)

**31th
Position**



Faizan Rafique
CIT Dept. B. Roll No. 171748
Marks 2724/3200 (85.13%)

**33rd
Position**



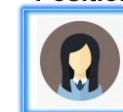
Abdul Rehman
Electronics Dept. B. Roll No. 178841
Marks 2925/3450 (84.78%)

**34th
Position**



Muhammad Yousaf
Architectures Dept. B. Roll No. 166150
Marks 2665/3150 (84.60%)

**35th
Position**



Shaqaina Saleem
CIT Dept. B. Roll No. 171762
Marks 2703/3200 (84.47%)

**38th
Position**



Abdullah Saddiqi
Civil Dept. B. Roll No. 168636
Marks 2946/3500 (84.17%)

**39th
Position**



Muhammad Usman
Civil Dept. B. Roll No. 168646
Marks 2941/3500 (84.03%)

**40th
Position**



Ali Hamza
Mechanical Dept. B. Roll No. 181405
Marks 2896/3450 (83.94%)

**41st
Position**



Muhammad Furqan Ahmad
Electronics Dept. B. Roll No. 178847
Marks 2879/3450 (83.45%)

**46th
Position**



Muhammad Mohsin
Mechanical Dept. B. Roll No. 181419
Marks 2860/3450 (82.90%)

**47th
Position**



Muhammad Awais
Architecture Dept. B. Roll No. 166166
Marks 2611/3150 (82.89%)

ACADEMIC CALENDAR 2026-2027

S.No	DATE	EVENTS
1.	March - Sep 2026	Fall 2026 Admission Campaign.
2.	3 rd Week of May 2026	1 st Annual Exams 2026 (PBTE)
3.	June-July 2026	Technical Summer Camp and Teacher's Training & Workshop/Seminars/Webinars
4.	4 th Aug. 2026	Commencement of 2 nd Year & 3 rd Year Classes
5.	14 th Aug. 2026	Independence Day Celebration
6.	4 th Week of August 2026	Final Exams of G-II (Trade Testing Board Lahore)
7.	1 st Sep. 2026	Commencement of 1 Year Classes - Intake 2026
8.	1 st Week of Oct. 2026	Principal Address with Freshmen
9.	1 st Week of Nov. 2026	Debates & Drama Competition
10.	4 th Week of Nov. 2026	2 nd Annual Exams 2025 (PBTE)
11.	1 st Week of Dec. 2026	Industrial EXPO & Project Exhibition 2026
12.	2 nd Dec. 2026	126 Years Celebrations of CTTC
13.	23 rd Dec 2025 to 3 rd Jan. 2027	Winter & Christmas Holidays
14.	2 nd Week of Jan. 2027	Admission Campaign in Schools
15.	1 st Week of Feb. 2027	Pre Board Exams of DAE and Paramedical
16.	3 rd Week of Feb. 2027	Sports Competition (Cricket, Badminton, Table Tennis, Football, Tug of War, Sprint & Cultural Day)
17.	1 st Week of March 2027	Parents Teacher Meeting
18.	1 st Week of May 2027	1 st Annual DAE Examination, 2027 (PBTE)
19.	1 st Week of June 2027	Students Summer Vacations.
20.	June - July, 2027	Free Technical Summer Camp
21.	July 2027	Teacher's Training & Workshops / Seminars / Webinars
22.	9 th Aug. 2027	Commencements of 2 nd Year & 3 rd Year Classes
23.	14 th Aug. 2027	Independence Day Celebration
24.	1 st Sep. 2027	Commencement of new Classes - Intake 2027

NOTE: Monthly test of DAE & Paramedical will be conducted last week of each month.
Monthly test of G-II & G-III (Trade Testing Board) will be conducted last week of each month.

Admission Procedure

Admission procedure for diploma & certificate courses

GENERAL INSTRUCTIONS

- a) In case of any queries please dial 055-3847107 CTTC reception during working hours (8:00 am to 4:00 pm) on any weekday except Sunday. Staff members of CTTC are also available for consultation during admission period.
- b) The application form must be submitted along with the required documents (mentioned in the form). No application will be processed after the last date.

ELIGIBILITY FOR ADMISSION

2.1 Educational Requirements (3 Years Diploma Courses)

Students who are seeking admission for diploma of associate engineering courses in Civil, Electrical, Mechanical, Electronics, Architecture and CIT must have passed their matriculation in science subjects from any Board of Intermediate and Secondary Education of Pakistan or any equivalent examination recognized by Punjab Board of Technical Education Lahore.

The admission / registration will be confirmed after verification of the matriculation certificate from the concerned board.

2.2 Age Limit

The age of the applicant seeking admission in technical & paramedical courses is 18 years, however relaxation can be granted by the following authorities.

- a) (18-21) Years Principal CTTC
- b) (21 and above) PBTE & PMF

The request for age relaxation to PBTE & PMF will be processed through Principal office.

2.3 Physical Fitness

Applicant should be physically and mentally fit for working in laboratory and workshop.



Admission process

- a) Applicant seeking admission must fill the application form FI (attached in the prospectus) in BLOCK LETTERS and submit at CTTC admission office.

The following documents must be attached with the application form:

- i. Matriculation / Middle pass certificate or school leaving certificate. (4 photo copies)
[As per the eligibility criteria for admission in a respective course]
 - ii. Character certificate. (photo copy)
 - iii. Father/Guardian computerized national identity card. (photo copy)
 - iv. B-form / CNIC of student. (photo copy)
 - v. Eight(8) recent 1.5x1.5 size photographs. (blue background)
 - vi. Undertakings on stamp paper. (sample mentioned on page No. 61 & 62)
[To be provided upon the confirmation of admission at CTTC]
- b) Admission Office will issue an admission offer letter against your admission form. The detail of fee and other necessary information will be given on the admission offer letter.
- c) All selected students will submit their original documents and fee as per admission schedule otherwise his/her admission will be considered as cancelled and student on waiting list will be given a chance.



CTTC Uniform

DAE / G-II / G-III Students

For Boys: Grey pant, blue shirt and neck tie with CTTC monogram. (Necktie is available at CTTC bookstore)

For Girls: White shalwar kameez with blue dopatta.

Paramedical Students

For Boys: Navy blue pant, white shirt, lab coat and neck tie with CTTC monogram.

For Girls: White shalwar kameez with blue dopatta and lab coat.

Rules & Regulations

The students are expected to conduct themselves in a disciplined manner, to acquire that nature and responsible outlook about life which is expected from them when they complete their studies from CTTC.

1. CTTCIAN'S CODE OF HONOR

- a. Aspire to be faithful and respect the conviction of others in matters of faith and custom.
- b. Aspire to be loyal to his country and refrain from doing things, which might lower its honor and prestige.
- c. Aspire to be truthful and honest in his dealings with all people.
- d. Aspire to respect the elders and be polite to all especially with women and children.
- e. Aspire to respect teachers and staff members of the Centre.

2. GENERAL RULES OF CTTC

The general rules for the students of CTTC are:

- ❖ Strictly follow the college timings. In case of frequent late arrivals the student will be suspended from the college.
- ❖ Take permission from the class teacher before leaving for any work/need and obtain the pass from the teacher/CR.
- ❖ In case of quarrel or any other disciplinary matter, the decision of the administration/disciplinary committee shall be final & unchangeable.
- ❖ The use of drugs and smoking is prohibited on campus. Violation of this rule may lead to immediate suspension from the college.
- ❖ In case of absence without leave, parents will be informed through sms on the guardian's contact number provided at the time of registration.
- ❖ Use of mobile phone is prohibited in the college premises. In case of violation fine of Rs. 500/- will be charged.

Attendance Policy:

- ❖ Students are expected to arrive at college on time i.e. 08:00 am morning (Sharp).
- ❖ 80% attendance is Mandatory.
- ❖ Students who are absent for 3 x days in a month without informing Head of Department will be charged according to CTTC attendance policy fine of rupees 3000/- + all outstanding fee. In addition, respective HoD must inform their parents/guardian as well.

Discipline Policy

General Instructions for Students:

1. Students are instructed to only bring sports bags.
2. Proper dress code must be followed by boys/girls as per mentioned in the prospectus. Students are not allowed to enter in college without uniform.
3. Masks should be worn properly.
4. Use of Mobile phone is prohibited in the college premises.
5. Students are not allowed to bring the following: Cigarettes, vapes, lighters, permanent markers, speakers, weapons, intoxicating drugs/alcohol or any uncontrolled substances in college.
6. Students are expected to show respect and behave appropriately with teachers and administrative staff
7. No student shall participate and indulge in any walkout, strikes against the institute.
8. In case of quarrel/dispute or any other disciplinary matter, the decision of the Administration/ Disciplinary committee shall be final and unchangeable.
9. Students at Christian Technical Training Centre are responsible for maintaining appropriate behavior at all times and becoming responsible citizens. Students who willfully disregard college policy will be subject to progressive discipline sanctions.

Activities that may result In Suspension, Expulsion, Police Involvement

- 1 Defacing college property. (Student and parent are responsible to pay for damages).
- 2 Fighting/ Dispute.
- 3 Stealing or extortion.
- 4 Threatening or misbehave with fellows, staff and officers.
- 5 Possession of weapons including any type of knife, gun and bullets.
- 6 Publication or distribution of unauthorized materials.
- 7 Climbing of fences or gates.
- 8 Political involvement.
- 9 Sexual harassment.
- 10 Any type of gang activity and gambling.
- 11 Use or possession of drugs or alcohol.
- 12 Religious Discussion

Disciplinary Action

Disciplinary action will be taken according to the severity of the case.

Note:

In case ammunition, gun, bullets, knife found from student, he/she will immediately dismiss from the college. Additionally, students involved in criminal activities may be subject to police arrest and judicial disciplinary action.

Management of institute may amend/update the policy as per requirement.

Examination



The examination system for DAE, G-II & Paramedical Courses are as follows:

DAE & PMF Exams System

- ❖ CTTC Internal Exams which includes; monthly test, mid term exams and pre exam preparation test.
- ❖ Annual exams taken by Punjab Board of Technical Education & Punjab Medical Faculty.

G-II Exam System

Exams are divided into four semesters:

- ❖ Every semester has a mid-term followed by final exams.
- ❖ After the completion of fourth semester, the final exams are conducted by Trade Testing Board Lahore.

CTTC Examination Rules and Regulations

- ❖ Every year new academic session of CTTC starts in the month of September and ends in August. (12 Months)
- ❖ During an academic session the final-term exams for DAE students has been conducted in the month of February.
- ❖ For certificate level (G-II students), the semester exams have been conducted after every 6 months.
- ❖ The head of each department keeps the record of the results. In case the performance of the students is not improving, the parents will be informed for meeting.

The general rules and regulation for CTTC internal exams are as under:

- ❖ Minimum of 80% attendance is required to appear in CTTC Internal examination.
- ❖ Sessional marks will be awarded to the trainees on their individual performances in workshop, class participation and assignments.
- ❖ Minimum passing marks for theoretical subjects is 40%.
- ❖ Minimum passing marks for Practical is 70% for certificate level (G-II students).
- ❖ The overall grading of CTTC Internal exams is as under:
A=80% to 100%, B=70% to 80%, C=60% to 70%, D=50% to 60%

Undertaking [Sample]

I, Mr./Ms. _____ S/D/o _____ enrolled in DAE/G-II/G-III/Paramedical _____ against roll no. _____ in Christian Technical Training Centre, Gujranwala, do solemnly declare that I shall have no direct / indirect affiliation with any political / religious party and / or ethnic group during my stay in the institution and shall not indulge in any activities that will link me with political / religious / ethnic parties.

In case I am found guilty of indulging in any such activities, I may be expelled from the centre without any further notice.

The general rules for the students of CTTC are:

- ❖ Strictly follow the college timings. In case of frequent late arrivals the student will be suspended from the college.
- ❖ Take permission from the class teacher before leaving for any work/need and obtain the pass from the teacher/CR. Violation of this rule will lead to fine of Rs. 500/- along with the engagement in campus work.
- ❖ I shall be liable to pay 36 months fee for the 3 years Diploma of Associate Engineering program.
- ❖ I shall be liable to pay 36 month fee for the 3 year Diploma of Associate Engineering program.
- ❖ I shall be liable to pay 24 months fee for the 2 years Paramedical Courses/G-II programs.
- ❖ I shall be liable to pay 6 months fee for the G-III programs.

- ❖ I shall be liable to deposit my college fee before 10th of every month, otherwise fine of Rs. 200/- shall be charged.
- ❖ I shall be liable to pay the tuition fee as per the annual raise in fee.
- ❖ I shall be submitting the fee in CTTC accounts office or the bank nominated on the fee challan form.
- ❖ In case, I want to leave the college due to any personal reason/ disciplinary action, I shall be liable to pay fee till the intimation of date of leaving.

Note:

Please take printout of this undertaking on stamp paper of PKR 100/- duly signed and stamped by the oath commissioner. You must submit this undertaking at the time of confirmation of your admission at CTTC.

- ❖ In case of quarrel or any other disciplinary matter, the decision of the Administration/Disciplinary Committee shall be final & unchangeable.
- ❖ The use of drugs and smoking is prohibited on Campus. Violation of this rule may lead to immediate suspension from the college.
- ❖ In case of absence without leave, Parents will be informed through SMS on the guardian's contact number provided at the time of admission.
- ❖ Use of mobile phone is prohibited in the college premises. In case of violation fine of Rs. 500/- will be charged.
- ❖ Keeping in view about the security threats to educational institutes, the security clearance of each student will be carried out as and when required by the police authorities.
- ❖ I declared that I am not registered in any other board

Student's signature: _____

Father's/ Guardian's signature: _____

Left Thumb Impression: _____

Left Thumb Impression: _____

Date: _____

Date: _____

Note: (To be submitted on Rs.100/- **STAMP PAPER** by a candidate duly signed and stamped by oath commissioner You must submit this undertaking at the time of confirmation of your admission at CTTC.

Undertaking

For DAE Students

Clean & Green Campus

CTTC Campus

21 acre beautiful campus in the heart of Gujranwala.





125
YEARS

ACADEMIC
EXCELLENCE



Christain Technical Training Centre

Civil Lines, Church Road, Gujranwala.

Tel: +92(055) 3847107-8

Mob: 0329-1900023

Email : Info@cttc.edu.pk

Web : www.cttc.edu.pk