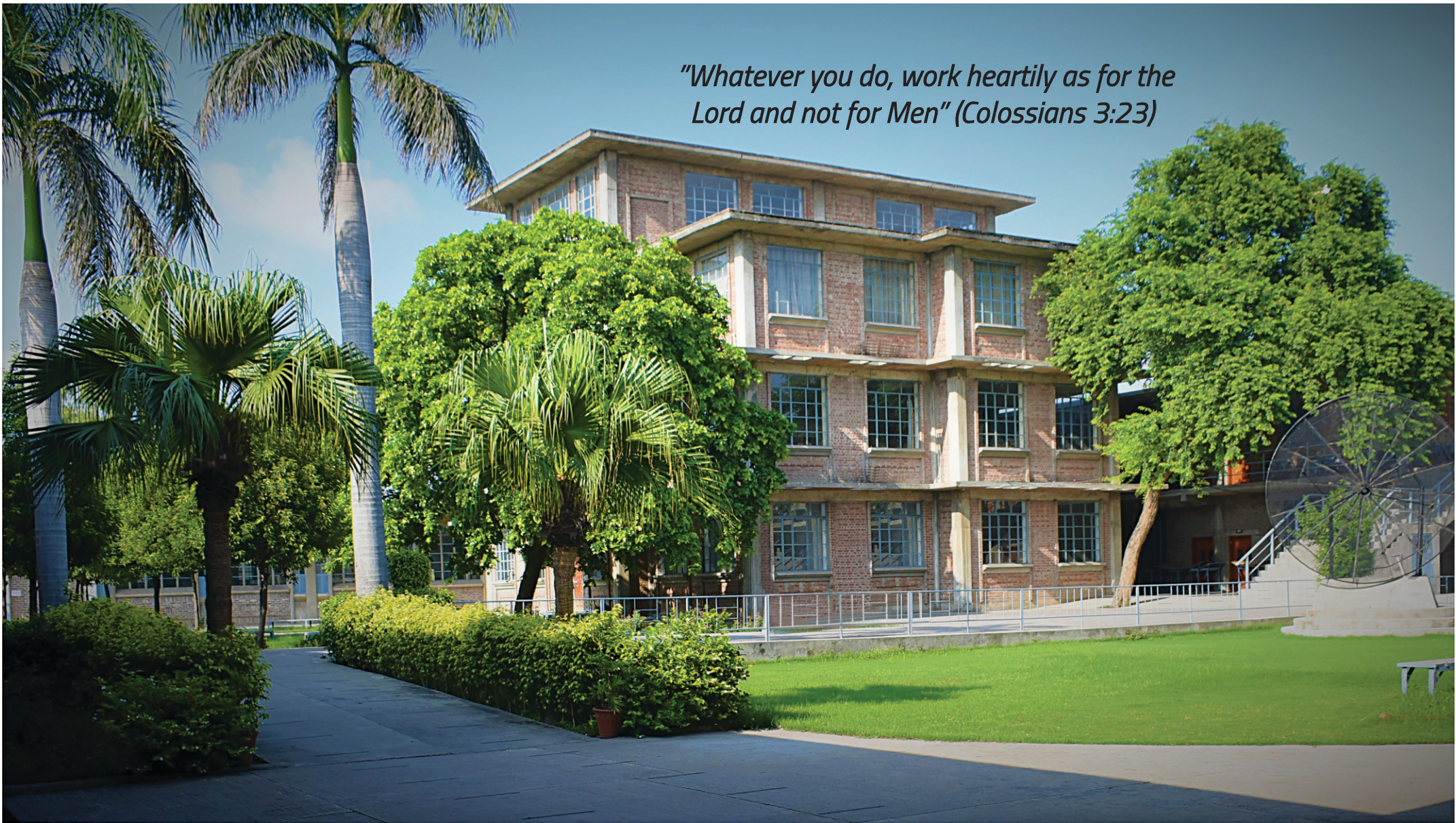


*"Whatever you do, work heartily as for the Lord and not for Men" (Colossians 3:23)*



# CHRISTIAN TECHNICAL TRAINING CENTRE

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

PROSPECTUS 2024-25

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# What INSIDE

## Message from Chairman

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It is a very well recognized fact that engineering & technology is evolving very rapidly and has completely revolutionized public and private sectors like agriculture, industry, manufacturing and commerce.

In all fields of our economy, there is a critical need for technical education which enables people to apply state of the art knowledge to solve real world problems in an innovative manner. The 124<sup>th</sup> years service of the Christian Technical Training Centre in the field of Engineering & Technology is matchless. Our objective is to develop self-reliance, motivation, research and problem solving skills and captivate value technical education among our students. Moreover, we also focus on ethical, organizational and moral values.

As the need of the society increases, CTTC will continue to advance its programs to cater the needs of our young generation. With determination and focus, I look for continuous development of CTTC with our Chief Executive Secretary, Principal and valued staff. I wish a very good luck and bright future for all those who have endeavoured to explore new prospects of science and technology.

Engr. Naveed John  
BSc. Petroleum Engineering (U.E.T Lahore)





## Message from Chief Executive Secretary

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I really want to congratulate you for choosing Christian Technical Training Centre for making your professional career.

The unprecedented expansion in technical and vocational education has thrown up a host of attendant problems. With an expansion in educational institutes in general and technical education institutes in particular, there is a whole array of institutions from exceptionally good, to the woefully inadequate. Making the right choice of an institute is a singularly important aspect that will determine your future.

The Christian Technical Training Centre has a privilege of being one of the oldest institutions of Pakistan. The Centre is in 124<sup>th</sup> year of committed and faithful service. Since the date of establishment Centre has proved to be a concrete bridge between underprivileged rural people and elite urban dwellers. The Institute is embarking on its campaign for liaison with industries and agencies dealing with engineering projects and utilities. These efforts will undoubtedly widen scope for its students and improve their capacities for obtaining gainful employment after completing their courses.

I hope and pray that you can join us and be part of this very exclusive fraternity. I look forward to welcoming you in Christian Technical Training Centre.

Engr. Joseph Robert  
BSc. Electrical Engineering (U.E.T Lahore)  
Chief Executive Secretary  
Society for Community Development

## Message from Principal

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In line with standards of Punjab board of Technical Education and Regulatory bodies, CTTC employs state-of-the-art labs facilities, infra structural developments, conduct regular seminars and workshops, establishes and maintains academia-industry linkages. A combination of quality education and modern lab facilities along with teaching excellence makes this institute a preferred destination for students. CTTC provides quality technical education and vision equip students with the core moral values to make them productive part of the society. CTTC offers diverse technology programs to cater for the needs of today's rapidly changing environment.

Our aim is to groom young fertile brains through experiential learning and make them competent worker, law abiding citizen and spiritually enlightened individuals.

I would whole-heartedly welcome you all to be a part of CTTC family

### **Engr. Dr. Roman Kalvin**

PhD Energy Technology, Mechanical Engineering (Prince of Songkla University, Thailand)  
MS Mechanical Engineering (University of Wah, Wah Cantt)  
B.Sc Mechanical Engineering (University of Wah, Wah Cantt)



Established in 1900

## CTTC History



1901

The 1<sup>st</sup> decade saw famine in Rajasthan that orphaned many children their cries were heard by Miss Emma, an American Presbyterian Missionary. She was soon joined by Rev. Osborn Crowe. They together laid foundation of "Boys Industrial Home" at Gujranwala with 50 children. The Centre initially **gave training** of "weaving on manually operated machines."

The 2<sup>nd</sup> decade saw introduction of skills of tailoring and shoemaking with children strength increasing to 150. Master Sant Masih was the first teacher in the shoemaking trade. He was also honored of being the first boarding master.

The 3<sup>rd</sup> and 4<sup>th</sup> decade saw introduction of carpentry skill. Master Karam Ilahi, Chario and his, brother Hamthio (MOGA Trained), Mr. Nathu Lall and Mr. Diwan Chand joined as teachers. In 1920 Maj. Frank Arthur Whitfield a Mechanical Engineer and his American wife joined and started teaching skills of Auto Mechanic. He trained Mr. William and made him the first instructor of the course while Sayyed Abbas Ali Shah and Mr. Inayat Kaesar chand the later heads of the shop. Mr. John Manglee was another teacher in this department specializing in charging and repairing of Electric Storage battery. Soon afterward Mr. Charles C. Milson joined the team who also helped in additional building facilities at the Centre and at Christian Hospital Taxila and Rang Mahal High School at Lahore. In 1938, the 1<sup>st</sup> powered Lathe Machine was installed. It was a source of big attraction for the local community and achievement in the history of the Home. Master James Rehmat Masih and Master Inayat Masih Bhatti also joined the department (In 1972, Mr. James Rehmat Masih was martyred by police firing during anti nationalization demonstration at Rawalpindi).

Blacksmith machine shops were also introduced that made an enormous impact in manufacturing capabilities of the Centre of Truss, roofs, locks, Riffle racks. Master Mohan Lall, was the first instructor in manufacturing section who later joined by Master Maula Buxsh. Printing of letter pads for the Centre was also started in 1939 with Master Patruss as its first teacher. Trades of spray painting and Welding departments were introduced in 1940-41 with Master Khan Masih as its first teacher. Teacher S.R Philip joined the Centre after receiving training at Saharn Pur. Mist, Rehmat and Mr. Ibrahim Massey also worked in the blacksmith shop in late 50's. Master Nathu Ram taught General Drawing to all departments and was assisted by Master Sardar Masih resident of Basti Dogran Gujranwala.

Electrical shop was initiated with Mr. Guru Bant Singh as its first teacher. Radio Television and Electrical appliances repair courses were introduced by Mr. Herold, Mr. Niamat and Mr. Sarfraz Lloyd. In 1942, Mr. Whitfield made an experimental boat at the request of the Commissioner. The prototype underwent water worthiness trial in local pond at Khokharkee named "Hadan Wala Chapper" across the Adult Basic Education Society building that was used by Hindus for floating ashes of their cremated dead. The final water worthiness for the boat was made in close by canal where the boat capsized with its Captain Major Whitfield. The Government officials also sought technical advice from Mr. Whitfield to set up a Government vocational institution at Gujranwala. In 1948 to American Engineers, Mr. Irvin George Lotze and Rev. C.E. McBaine Audio/Video Engineer arrived. Rev. McBaine started Boys Industrial Home Gospel Team. The Hostel Chapel was constructed under supervision of Mr. Mitchell, Mr. Irum Din and Mr. Shafi were the head masons.

The 5<sup>th</sup> decade saw the worldwide changes brought about by the two World Wars and division of subcontinent with violent birth of Pakistan saw deterioration in global economy that affected the financing of the Home. Due to which Machine shop, Tailoring shop and the Shoemaking shop were closed.

In the 6<sup>th</sup> 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. McBaine, 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 photographers. Mr. Samuel Barket Masih after being trained was made in charge of this department along with teacher Mr. Vincent A. David and Mr. Emmanuel Essa Das.

In the 7<sup>th</sup> 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, and Mr. Noback. Mr. Anwer Saddique Paul, Msc. Electrical The Engineer Served in this 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 8<sup>th</sup> decade saw the name of the school once again changed and "**Christian Technical Training Centre (CTTC)**" upon arrival of Mr. Kenneth George Old, a Civil/Mechanical Engineer with his American wife, Marie Old and reorganized the Center soon after course in Civil Draftsman with 4 students was started. Mr. Old was declared as Principal of the institution in 1970 and his wife worked as nurse and assisted him in 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 to CTTC in 1972 as teacher in the Machine shop. Mr. Ronald Umar Khatab, Bsc. Mechanical Engineer was the other teacher in the same shop. Mr. Anaq 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 incharge. He served at Gujranwala for 5-6 years and then moved the Shalom Christian Centre Jehlum to undertake new assignment. In 1975 the Society for Community Development was formed to encompass CTTC and several other Christian development Programs, tying them together as an umbrella organization.

On 2nd November 1975, Brend Kuyvenhoven was martyred at his residence and a residential colony with 16 houses built by the SCD in 1984 was named after him in his 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.

The 9<sup>th</sup> 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. They 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-year 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. Miceal Lacey joined the Centre and worked as Assistant Head of Department Fitter Shop and later help 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 to Secondary level and also basic technical skills to the students. The same school started functioning in 1987 as a Christian High School and provides education up to Higher Secondary level.

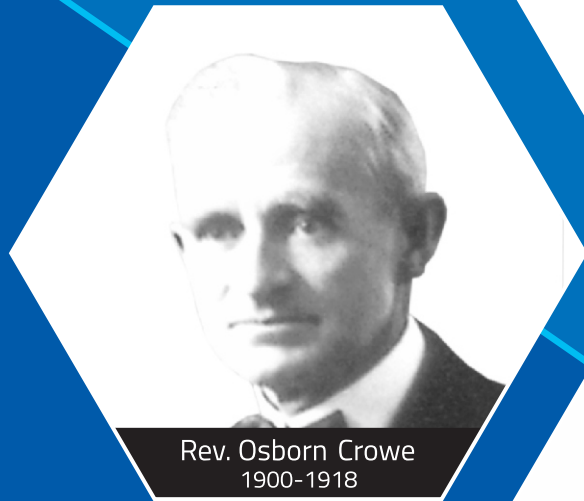
The 10<sup>th</sup> decade saw Overbeekes returned to their homeland in 1991. The "Bread for the World" donated 15 new machines for the General Metal shops in 1998. On 23rd May 1999 Mr. Nathaniel Nawab suffered heart attack and died. Wg.Cdr (Retd) Evert A. Lall, an Aeronautical Engineer was appointed as Principal. In May 2000, Engr. Aftab Asfandyar Bhatti, a B.Sc Civil Engineer, was appointed as an Assistant Principal of the Center and promoted as Principal on 1st June 2002.

The 11<sup>th</sup> decade saw the revival of Auto Mechanic course in collaboration with Dawood YAMAHA Limited. The 10th decade is the decade of development and the new courses Fitter Millwright and Land & Quantity Surveyor were introduced in CTTC. Keeping the revolutionary development of Information Technology the two new courses of Diploma in Information Technology and Diploma in Computer Hardware were introduced in the Centre. The course curriculum of English was modified. The Centre started a 3 months Job oriented course of Professional Air Ticketing in Collaboration with Canadian based Software agency Galileo Pakistan. A CAD Course for all CTTC trainees was introduced using the new CAD curriculum with 15 Computers in CAD Lab. The biggest blessing of this decade is the introduction of higher level Diploma in Associate Engr (3 years) Course in Civil, Electrical, Mechanical 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 School started Self Help Groups as 1st phase of Poverty Alleviation Program.

The ex-principal of CTTC Engr. Aftab Asfandyar Bhatti who made remarkable contribution to the development of CTTC. His admirable genius, untiring efforts and wonderful working potential made possible to take this institute to further higher place. From the latest technological point of view, labs of DAE were developed by the great sensibility of Engr. Aftab. He recommended the qualified engineers and capable teachers for the promotion of this well reputed institute. He left the institute in June 2011.



Former  
Principals  
1900 - 2021



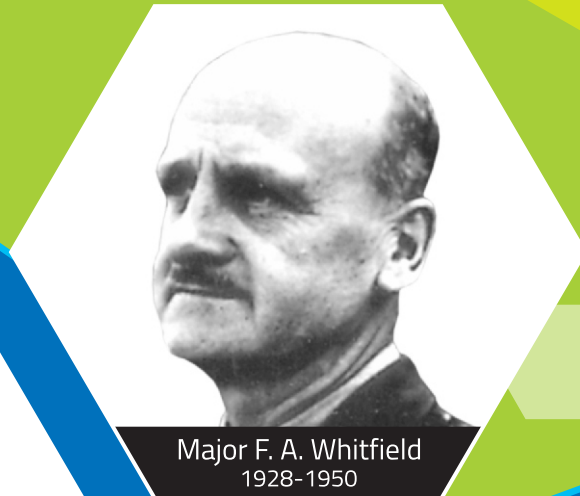
Rev. Osborn Crowe  
1900-1918



Mr. Charlie Milson  
1919-1928



Mr. Irvin George Lotze  
1948-1970



Major F. A. Whitfield  
1928-1950



Mr. C. E. McBane  
1959-1965



Mr. Haywood Bagewell  
1965-1967



Mr. Evert A Lall  
2000-2002



Mr. Kenneth G. Old  
1975-1982



Engr. Joseph Robert  
2011-2015



Mr. Brend Kuyvenhoven  
1967-1975



Engr. Aftab Asfandiyar Bhatti  
2002-2011



Mr. Nathaniel Nawab  
1983-1999



Engr. Ameet Gabriel  
2015-2021

# Clean & Green Campus



## CTTC Campus

21 acre beautiful campus in the heart of Gujranwala.

# Mission, Vision & Core Values

## Mission Statement

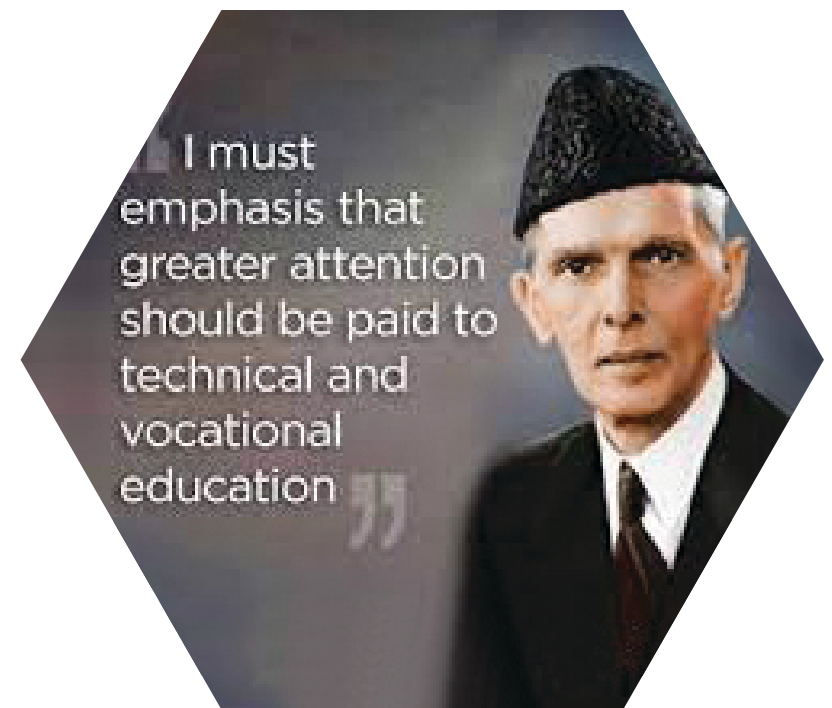
“Whatever you do work heartily as for the lord not for the men” (Colossians 3:23)

## Vision Statement

CTTC emphasis on academic, moral values, personality development of students through diverse technical skill programs, effective communication and cultural awareness to ensure success in an advance world.

## Core Values

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



# Organizational Setup



**Chairman**  
Engr. Naveed John Malik

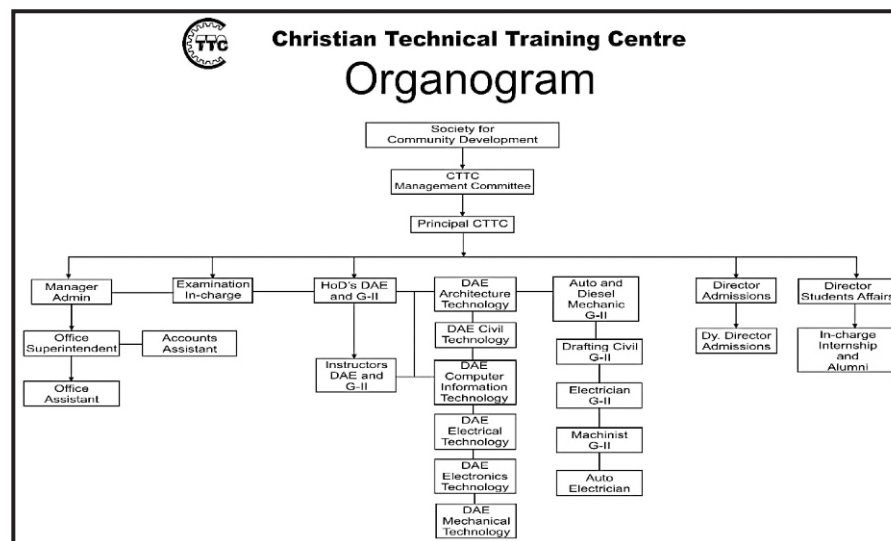
**Chief Executive Secretary**  
Engr. Joseph Robert

**Principal**  
Engr. Dr. Roman Kalvin

**Manager Admin**  
Ms. Anitta Paul

**Manager Board Affairs**  
Mr. Pervaiz James

**In-Charge Examination**  
Mr. Qamar Yaqub



# CTTC Staff Group Photo



# 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

## Registered Bodies



**PBTE**



**PSDA**



**TTB**



# Architecture Department



Architecture influences every aspect of our built environment, from the design of energy efficient buildings to the integration of new buildings in sensitive contexts. Architects have a sense of purpose and care about the environment and the people that live and work within. The architectural engineering industry is an attractive and lucrative industry, with engineers emphasizing on the design development, analysis, production, and testing of various architectural designs as well as layouts received from architects. Various architecture courses offer widespread computer training and a thorough consideration of efficient processes in buildings, construction and structures.

Being an architect is a creative, demanding and rewarding career involving technical skills and expert knowledge. Studying a diploma course in architecture is the first step in securing your career as professional architect.

## Course

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

Arch.Abeer Obaid B.Architecture	(Head of Department)
Mahpara Aftab B.Tech (Hons) Civil	(Instructor)
Zahid Younas DAE Civil	(Instructor)
Faizan Yaqoob DAE Architecture	(Instructor)
Ahmad Naeem DAE Architecture	(Instructor)
Muhammad Usama M.A English	(Instructor)





## Scheme of Studies

(Diploma of Associate Engineering Architecture)

### 1st Year

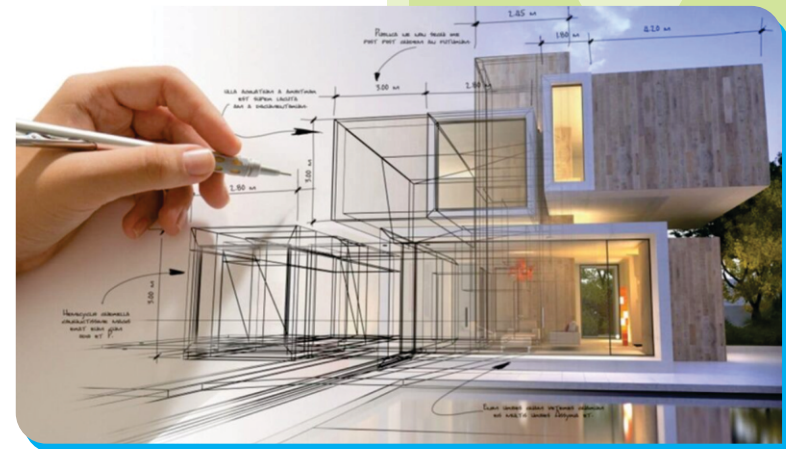
Subjects	Cont. Hours
Building Material and Construction 1	3
Computer Aided Drafting & presentation 1	3
English	2
Islamiat & Pak Studies / Pak Studies & Ethics	1
Applied Mathematics 1	3
Applied Physics	2
Communication Skills	1
Introduction to Architecture	2
Architectural Graphic 1	3
Chemistry	2
Tarjuma-tul-Quran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

### 2nd Year

Subjects	Cont. 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	Cont. 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



# Civil Department



Civil engineers and technicians plan, design & supervise construction of most facilities and systems that are essential to modern life in both public and private sector. Civil engineering profession is one of the oldest and most diverse of the engineering disciplines. Civil engineering and its derived courses today are devising methods and designing facility to cope with many of our planet's most serious problems. Faced with polluted air, decaying cities, road way and bridges, crowded airports and highways, polluted streams, river and lakes, the technicians and engineers are being challenged to design solutions that are workable and cost effective.

The department enjoys the support of well equipped drawing hall, CAD laboratory, material testing lab and modern surveying lab.

## Course

The civil department offers following course:

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

Sohail Roy M. Tech (Civil)	(Head of Department)	Khaild Riaz B.Tech (Hons) Civil	(Instructor)
Khuram Shahzad DAE Civil	(Instructor)	Sharoon Shahzad B.Tech (Pass) Civil	(Instructor)
Naveed Shahzad DAE Civil	(Instructor)	Muhammad Nawaz B.Sc Agriculture Engg	(Instructor)
Atiq Ur Rehman B.Tech (Hons) Civil	(Instructor)	Griffan Siraj M.SC Mathematics	(Instructor)

## Scheme of Studies (Diploma of Associate Engineering Civil)

### 1st Year

Subjects	T	P	C
Islamiat and Pak Studies	1	0	1
English	2	0	2
Applied Mathematics - I	3	0	3
Applied Chemistry	1	3	2
Applied Physics	1	3	2
Basic Civil Engineering Surveying	2	6	4
Engineering Materials and Construction	2	3	3
Basic Civil Engineering Drawing	1	6	3
Workshop Practice	1	3	2
Computer Applications	0	3	1
Tarjuma-tul-Quran / Civics	0	1	1

### 2nd Year

Subjects	T	P	C
Islamiat and Pak Studies	1	0	1
Applied Mathematics - II	2	0	2
Communication Skills & Report Writing	1	0	1
Public Health Technology	2	3	3
Advance Civil Engineering Surveying	2	6	4
Advance Construction Techniques	2	3	3
Quantity Surveying	1	3	2
Civil Engineering, Drawing & Auto CAD	1	6	3
Engineering Mechanics	2	3	3
Entrepreneurship	1	0	1
Tarjuma-tul-Quran / Civics	0	1	1

### 3rd Year

Subjects	T	P	C
Islamiat and Pak Studies	1	0	1
Advanced Quantity Surveying	1	6	3
Construction Project Planning & Mgmt	2	6	4
Environmental Health and Safety	2	0	2
Hydraulics & Irrigation Engineering	3	3	4
Transportation Engineering	2	3	3
Concrete Technology and RCC Design	3	3	4
Soil Mechanics & Bridge Engineering	2	3	3



# Computer Information Technology Department



Computer department was started to meet the challenges of information age. This department meets the demand of the new millennium and strives to help educate and train people so that they are prepared not only to contribute to further growth of IT, but also to understand and fully enjoy the services and capability that are available. The course offers by computer department owes its emergence to the relentlessly growing demand of professionals with expertise in area of computer, communications and information processing technologies. It also aims to produce the trained manpower in the field of information technology.

## Course

The computer department offers the following course:

Course	Min. Education Req.	Course Duration
DAE Computer Information Technology	Matriculation (Science)	3 Years

## OUR FACULTY

Usman Shahid B.Com	(Head of Department)	Aqsa Yousaf M.SC Chemistry	(Instructor)
Mehroz Ghouri BS IT	(Instructor)	Nisha Pervaiz M.SC Chemistry	(Instructor)
Saim Saleem BS IT (Hons)	(Instructor)	Waqar Suleman M. Phil Physics	(Instructor)
Rana Muhammad Ahsan BS (Hons)	(Instructor)	Danish Farooq BSCS	(Instructor)
Faryad Ahmad BSCS	(Instructor)	Amjad Masih D.A.E Electronic	(Instructor)
Khuram Hafeez BSC (Math)	(Instructor)		

## Scheme of Studies (DAE Computer Information Technology)

### 1st Year

Code	Subjects	T	P	C
Gen 111	Islamiat / 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
OHSE 111	Occupational Health, Safety and Environment	1	0	1
CIT 112	Computer Application Software	0	6	2
CIT 113	Introduction to Computer Programming	2	3	3
CIT 121	General Engineering Workshop	0	3	1
CIT 134	Electronics-I	3	3	4
CIT	Tarjuma-tul-Quran / Civics	1	0	1

### 2nd Year

Code	Subjects	T	P	C
Gen211	Islamiat / Pakistan Studies	1	0	1
Math 233	Applied Mathematics II	3	0	3
Mgm 211	Business Communication	1	0	1
CIT 212	Object-Oriented Programming with JAVA	1	3	2
CIT 223	Computer Networks	2	3	3
CIT 235	Microprocessor Architecture	3	6	5
CIT 244	Electronics-II	3	3	4
CIT 263	Relational Data-Base Management System	2	3	3
CIT	Tarjuma-tul-Quran / Civics	1	0	1

### 3rd Year

Code	Subjects	T	P	C
Gen 311	Islamiat / Pakistan Studies	1	0	1
Eng 311	Technical Report Writing	1	0	1
Mgt 331	Management	1	0	1
CIT 303	Web Development with JAVA	1	6	3
CIT 324	Network Administration	2	6	4
CIT 333	Operating System	2	3	3
CIT 344	Graphic Designing	2	6	4
CIT 352	PC System and Peripherals Repair	1	3	2
CIT 362	Project	0	6	2



# Electrical Department



Since the last 100 years, the field of electrical engineering has contributed greatly towards various innovations and inventions. Its direct influence on other fields of science, engineering and human civilization as a whole cannot be ignored. In fact, many developments and inventions in other fields of engineering are directly related to electrical engineering.

Whether its power generation, telecommunication or IT, electricity is the main "fuel" that powers these technologies and upon which the global economy is so dependent. The field of electrical engineering and its subsidiary fields like electronics engineering have contributed immensely towards the economic uplift of countries like Japan, South Korea and Taiwan.

## Courses

The electrical department offers the following courses:

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

**Zeeshan Masih**  
B.TECH ET

(Instructor)

**Numan Aslam**  
DAE

(Instructor)

**Tanveer Ahmad**  
BS ( ET)

(Instructor)

**Engr. Muhammad Azam** (Instructor)  
B.Sc Electrical Engg.

**Rehmat Masih**  
DAE ET

(Instructor)

**Faraz Kaiser** (Instructor)  
DAE ET

**Afroon Iqbal**  
B-Tech ET

(Instructor)

**Muhammad Yaseen** (Instructor)  
DAE ET



## Scheme of Studies

### Diploma of Associate Engineering Electrical

#### 1st Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
English	2	0	2
Applied Mathematics	3	0	3
Applied Chemistry	1	3	2
Computer Application	1	3	2
Principles of Electrical Engg.	3	6	5
Basic Electrical Drawing	0	3	1
Workshop Practice - I	1	15	6
i) Wiring	1	6	3
ii) Metal Work	0	3	1
iii) Wood Work	0	3	1
iv) Welding	0	3	1
Tarjuma-tul-Quran / Civics	0	1	1

#### 2nd Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
Applied Mathematics	3	0	3
Applied Physics	1	3	2
Business Management & Industrial Economics	1	0	1
D.C. Machines & Batteries	2	3	3
Electrical Instruments and Measurement	2	3	3
Utilization of Electrical Energy	2	3	3
Installation, Planning and Estimating	1	3	2
Application of Computer in Electrical Tech	0	3	1
Basic Electronics	2	3	3
Workshop Practice - II (Basic Machine Shop)	0	3	1
Tarjuma-tul-Quran / Civics	0	1	1

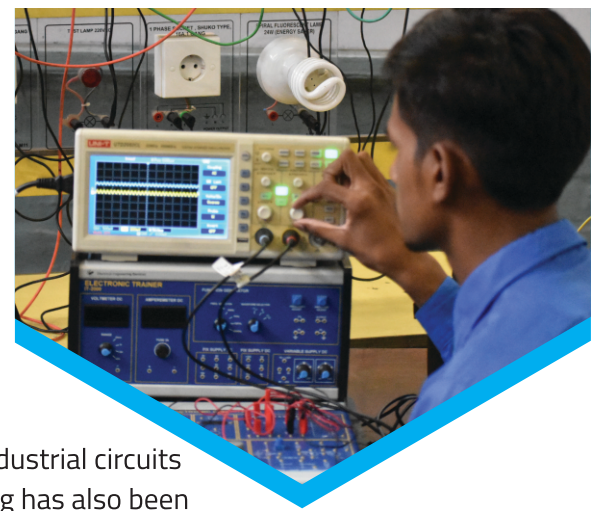
#### 3rd Year

Subjects	T	P	C
Ethics / Islamiat & Pak Studies	1	0	1
Business Communication	1	0	1
Industrial Management and Human Relations	1	0	1
A.C. Machines	4	6	6
Power Plant and Energy Conversation	2	0	2
Transmission, Distribution and Protection of EPS	4	3	5
Telecommunication	2	3	3
Repair and Maintenance of Electrical Equipment	1	6	3
Digital and Industrial Electronics	3	3	4



# Electrician

## Scheme of Studies



In this training, three phase motors, stators and automatic industrial circuits are taught. The concept of wiring, wiring estimate and winding has also been taught. The trainees can also assemble washing machines, dryers and air coolers after successful completion of this course.



### 1st Semester

Subjects	T	P
Workshop Practice	40	180
Functional English - I	20	20
Technical Mathematics - I	40	-
Electrical Principals and their Applications - I	20	60
Technical Drawing - I	20	60
Handling of Wires and Cables	20	300
Work Ethics - I	-	20
<b>Total</b>	<b>160</b>	<b>640</b>

### 2nd Semester

Subjects	T	P
Functional English - II	20	20
Technical Mathematics - II	40	-
Technical Drawing - II	20	60
Basic Electronics	40	90
Electrical Circuits	20	90
Electrical Installation, Repair & Maintenance	-	360
Occupational Health & Safety Environment (OHSE)	20	20
<b>Total</b>	<b>160</b>	<b>640</b>

### 3rd Semester

Subjects	T	P
Functional English - III	20	20
Introduction to IC and its Applications	40	120
Troubles of Electrical Equipments	20	180
Electrical Principals and their Applications - II	40	90
Electrical Instruments and Measurements	20	90
Development of PCB	20	60
Earthing, Protective Devices and Faults	-	60
Work Ethics - II	-	20
<b>Total</b>	<b>160</b>	<b>640</b>

### 4th Semester

Subjects	T	P
Functional English - IV	20	20
Final Projects	-	140
Digital Logics and Circuits	20	60
Distribution of Power Supply	20	60
Illumination	20	60
Industrial Electronics	40	120
Programmable Logic Control (PLC)	40	180
<b>Total</b>	<b>160</b>	<b>640</b>



# Electronics Department



The world of electronics is evolving so rapidly that the devices and techniques that are new today will be tales by the time you will complete your training. Because of relentless drive of technological evolution, you need to understand the fundamental principles underlying the technologies, be skilled in their application and be able to adapt rapidly to technological changes throughout your career.

## Course

The electronics department offers the following course:

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

**Javaid Bhatti** (Head of Department)

B.Tech (Pass) Electronics , M.A (PU)

**Robert Masih** (Instructor)

G-II (Radio/TV Machanic)

**Yousaf Jhon** (Instructor)

DAE Electronics , BLIS

**Muhammad Ishque** (Instructor)

DAE Electronics

**Saleem Ahmad** (Instructor)

B.Tech (Pass)

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	0	1	1

### 2nd Year

Subjects	T	P	C
Islamiat & Pak Studies	1	0	1
Applied Mathematics - II	3	0	3
Communication Skills	1	0	1
Electromagnetism	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	0	1	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 knowledge of mechanical engineering is used to build useful products and devices for the society. This can range from a device as small as a catheter injected into human body to fax machine or printer to modern jet engine to as large as a power for a major city.

Mechanical engineering encompasses the generation, conversion, transmission and utilization of mechanical and thermal energy. This includes the design, construction and operation of all kinds of mechanical and thermal devices and systems of all engineering disciplines. Mechanical engineering offers the greatest breadth, flexibility and individuality. Indeed the courses offered by mechanical department is an ideal preparation for working and living in a technological world.

## Courses

The mechanical department offers the following courses:

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



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

OUR FACULTY

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

**Barkat Surjan** (Instructor)  
Machinist, General Fitter

**Nisar Anjum** (Instructor)  
B.Tech (Hons)

**M.Amjad Rana** (Instructor)  
B.Tech (Hons) , M.ed

**Ilyas Masih** (Instructor)  
DAE Welding

**Samuel Aziz** (Instructor)  
B.Tech (Pass)- Mechanical

**Kamran Rashid** (Instructor)  
MA Economics

**Ali Haider** (Instructor)  
DAE Mechanical

**Hamza Ashraf** (Instructor)  
BS Tech (Honor)

**Jailes David** (Instructor)  
B.Sc ( Math, Phy , Chm)

## 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
	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	0	1	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	0	1	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



Draftsmen, also called drafters, perform some of the same tasks as architects and often work with architects. Draftsmen, like architects, prepare CAD drawings. However, drafting can be applied to many other areas besides construction and architecture. Drafting can be used to create drawings of circuitry or mechanical designs. A draftsman's CAD drawings include technical details and specifications such as materials, dimensions and procedures. In addition to using CAD, draftsmen also use calculators, tables and technical handbooks. The type of work a draftsman does depends on his or her area of expertise.

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)
Zeeshan Munir DAE Civil + A-CAD	(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



Skillful & trained persons play a vital role in the modern life because of technological development. The curriculum comprising of four semesters has been revised / updated keeping in view the local job market demand & industrial requirements.

The curriculum has been revised by more focusing on practical along with necessarily required theoretical knowledge. It covers engine, power train, brakes, suspension system, steering system, driving, chassis system, battery, electrical electronics devices including the subject of technical drawing, technical mathematics, functional english & work ethics in order to produce a skillful & capable work force to meet the need of the job market.

### Course

The auto department offers the following course:

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)
- Muhammad Ahmad**  
Auto Electrician & EFI Certificate  
(Instructor)





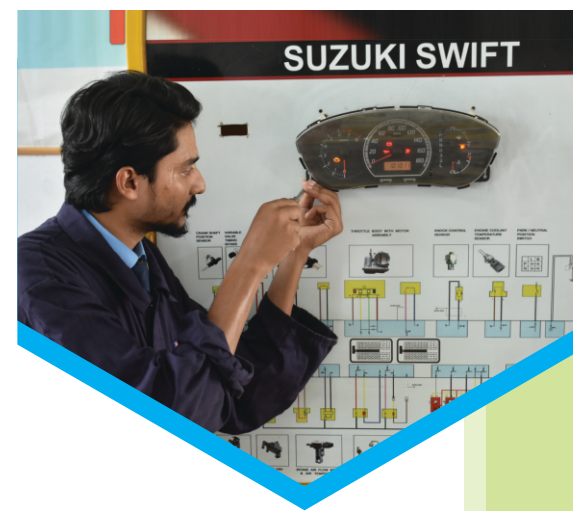
## Scheme of Studies (Auto & Diesel Mechanic)

### 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

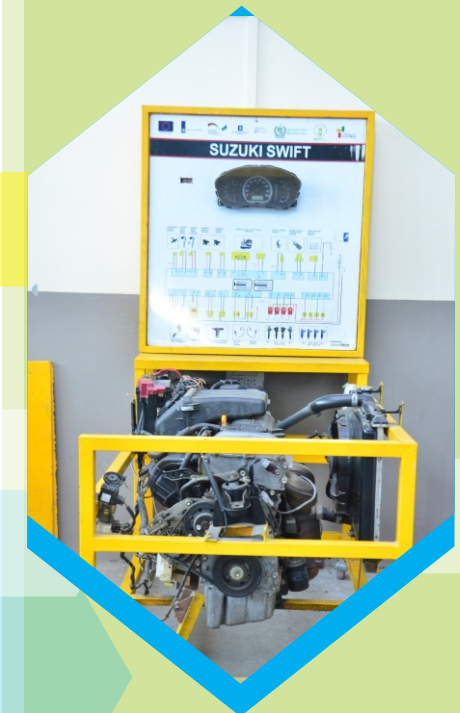


### 3rd Semester

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 -2023

Today's Automotive technology is rapidly changing from mechanical to electronics, from analogue to digital and from carbureted to electronic fuel injectors. due to the competition and pressures to produce more efficient and economical vehicle's electronic systems which are not only efficient but also adhere to very significantly controlled toxic emissions.



### 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
Functional English	16	64	80
Total	160	640	800

# Facilities at CTTC

## Facilities for Students at CTTC

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



Proper Security Check



Sports Ground



Generator Backup



Medical Room



Cafeteria

# Learning & Development Services

## Learning & Development Services

- ÿ Central Library
- ÿ Internship & Job Placement Office
- ÿ Health Care Services
- ÿ 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.



# 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:

- ÿ Need + Merit based
- ÿ Merit based
- ÿ 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:

- ÿ Low attendance
- ÿ Poor Behavior in class
- ÿ False information provided by the student
- ÿ 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.

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



# Project Exhibition & Industrial EXPO 2024



“Project Exhibition and Industrial EXPO” was held on February 2024 for the very first time in history of CTC in order to build strong academia-industries linkage, Following Industries were participated in EXPO 2024 (SUZUKI Motors, HONDA Motors, Tariq Engineering, Champion Paints, BOSS (Pvt.) Master of Builders, Mughal Associate, Sky Plastic, Akram Spot Welding, Kausar Industries) in order to provide internship leading to job opportunities to our graduates. Brig. Irfan Sadiq Gill (Head Quarters National Guards 30 CORPS) graced the occasion as the Chief Guest. He praised students who put their efforts and dedication in final year projects. Certificate of internship were also awarded to students in this event.

Various projects were exhibited in EXPO 2024

Departments	Projects
Architecture	5
Computer Information Technology	9
Civil	6
Electronics	5
Mechanical	9
Electrical	5
Auto & Diesel Mechanic	4
Drafting Civil	3
<b>Total</b>	<b>46</b>

# Project Exhibition & Industrial EXPO 2024





# Industrial Tours

Pictures of CTTC students during their study visits at different reputed organizations.



# Students's Trainings Motivational Session & Workshops



Awareness Session on Breast Cancer & Dengue Fever



Rescue 1122 - Fire Fighting & First Aid Training



Awareness Session Traffic Rules & Regulations



Free Auto Technical Training Workshop for Women



# Staff Trainings

# Official Visits



# 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 2022-23, 53 fresh graduates of CTTC got jobs in various reputed industries.



Internship at HONDA Rahwali



**Mr. Sarfraz Nazeer**  
Project Coordinator &  
Job Placement Officer



Internship of Students at HONDA Gujranwala



Internship of Students at TOYOTA Gujranwala



Internship Certificates Distribution Ceremony



Internship of Students at GEPCO



# Extra Curricular Activities



# Sports Gala 2023 (Annual)



# 124 Years Celebration of CTTC & Inauguration Samar Hall



## Cleanliness Walk & Tree Plantation Campaign 2023



# Recreational Trips



Murree & Bhurban



Kohala Naleem



Saif-ul-Maluk Lake



Kartarpur



Rohtas Fort



Faisal Masjid



Kalam Swat



# Achievements

List of Position Holder in District Gujranwala Punjab Board of Technical Education Lahore. DAE First Annual Examination 2023



**YANNICK IQBAL**  
Electrical Tech. B. Roll # 164979  
3195/3550 (90.00%)



**DILZAIB ASGHAR**  
Civil Tech. B. Roll # 158960  
3046/3550 (87.03%)



**TALHA SHABBIR**  
Electrical Dept. B. Roll # 165011  
3081/3550 (86.79%)



**SHEHRYAR AHMAD KAHLOON**  
CIT Tech. B. Roll # 162244  
2747/3200 (85.84%)



**MUHAMMAD ADEEL**  
Civil Tech. B. Roll # 158916  
2980/3550 (85.14%)



**MUHAMMAD ZEESHAN**  
Electrical Tech. B. Roll # 164978  
3017/3550 (84.99%)



**MAODONA AKMAL**  
CIT Tech. B. Roll # 162277  
2710/3200 (84.69%)



**ZANIQUE BASAT**  
Electrical Tech. B. Roll # 164988  
3002/3550 (84.56%)



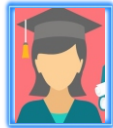
**NIMRA SHAFIQUE**  
CIT Tech. B. Roll # 162271  
2662/3200 (83.19%)



**TAYYAB ALI**  
Electrical Tech. B. Roll # 165000  
2951/3550 (83.13%)



**MUHAMMAD TALHA**  
Mechanical Tech. B. Roll # 170226  
2863/3450 (82.99%)



**MAHAM RIAZ**  
CIT Tech. B. Roll # 162259  
2648/3200 (82.75%)



**GULL SHAIR AHMAD**  
Civil Tech. B. Roll # 158931  
2890/3500 (82.57%)



**ALI HASSAN**  
Civil Tech. B. Roll # 158921  
2885/3550 (84.43%)



**SHEHER ADLENE**  
CIT Tech. B. Roll # 162268  
2619/3200 (81.84%)



**SHAFaq KHAN MUGHAL**  
Mechanical Tech. B. Roll # 170221  
2781/3450 (80.61%)



**MUHAMMAD JUNAID**  
Civil Tech. B. Roll # 158956  
2805/3500 (80.14%)



**YOUHANA MASIH**  
Electrical Tech. B. Roll # 164993  
2845/3550 (80.14%)



**SHEHARYAR**  
Mechanical Tech. B. Roll # 170245  
2763/3450 (80.09%)



**MUHAMMAD ANS**  
Civil Tech. B. Roll # 158926  
2777/3550 (79.34%)



**MUHAMMAD KAIF**  
Electrical Tech. B. Roll # 164991  
2805/3550 (79.01%)



**MUAZZAM AAMIR**  
Civil Tech. B. Roll # 158939  
2753/3500 (78.66%)



**ZAID ALI**  
Mechanical Tech. B. Roll # 170228  
2712/3450 (78.61%)



**SHAROON YOUSAF**  
Electrical Tech. B. Roll # 164980  
2787/3550 (78.51%)



**MUHAMMAD HUZAIFA**  
Electrical Tech. B. Roll # 164977  
2849/3550 (80.25%)

*Congratulations*



## ACADEMIC CALENDAR 2024-2025

Sr.No	DATE	EVENTS
1.	March – Sep 23	Fall 2023 Admission s Campaign .
2.	June - July ,2023	Free Technical Summer Camp
3.	1 <sup>st</sup> Aug, 2023	Commencement of 2 <sup>nd</sup> Year & 3 <sup>rd</sup> Year Classes.
4.	3 <sup>rd</sup> Week of August 2023	Final Exams of G -II (Trade Testing Board)
5.	4 <sup>th</sup> Sep, 2023	Commencement of 1 <sup>st</sup> Year Classes.
6.	1 <sup>st</sup> Week of Oct,2023	Principal address and Investiture C eremony
7.	1 <sup>st</sup> Week of Nov, 2023	Debates & Drama Competition
8.	3 <sup>rd</sup> Week of Nov, 2023	Industrial EXPO & Project Exhibition 2023
9.	4 <sup>th</sup> Week of Nov, 2023	2 <sup>nd</sup> Annual Exams 2023 (PBTE)
10.	2 <sup>nd</sup> Dec, 2023	124 Years Celebrations of CTTC
11.	20 <sup>th</sup> Dec, 2023	Christmas Lunch & Get Together
12.	23 <sup>rd</sup> Dec, 2023 to 6 <sup>th</sup> Jan, 2024	Winter & Christmas Holidays
13.	2 <sup>nd</sup> Week of Jan, 2024	Alumni Reunion
14.	1 <sup>st</sup> Week of Feb, 2024	Mid Term Exams DAE
15.	3 <sup>rd</sup> Week of Feb, 2024	Admission Campaign
16.	3 <sup>rd</sup> Week of Feb	Science TECH Competition & Sports Competition ( Cricket , Skipping , Table Tennis, Football, Basket Ball, Tug of War & Cultural Day )
17.	3 <sup>rd</sup> Week of April, 2024	Grand Test s
18.	1 <sup>st</sup> Week of May, 2024	1 <sup>st</sup> Annual Practical Examination, 2024 (PBTE)
19.	1 <sup>st</sup> Week of June, 2024	Students Summer Vacations.
20.	July, 2024	Teacher's Training & Workshops / Seminars / Webinars
21.	14 <sup>th</sup> Aug, 2024	Independence Day Celebrations
22.	1 <sup>st</sup> Sep, 2024	Commencement of new Classes

**NOTE:**

Monthly test of DAE will be conducted last week of each month.

Monthly test of G-II (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 Year 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 diploma (DAE) and G-II courses is 18 years, however relaxation can be granted by the following authorities.

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

The request for age relaxation to PBTE 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 reception.

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. Form-B of the student. (photo copy)

- v. Eight(8) recent 1.5x1.5 size photographs. (original)

- vi. Undertakings on stamp paper. (sample mentioned on page No. 54 & 55)

[To be provided upon the confirmation of admission at CTTC]

- b) Admission Office will issue an interview call letter as a receipt against your admission form. The detail of fee and other necessary information will be given on the call 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

The uniform prescribed for CTTC students is:

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

For Girls: White shalwar kameez with blue dopatta.

# 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 of 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:

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

## Attendance Policy:

- ÿ Students are expected to arrive at college on time i.e. 08:00 am morning (Sharp).
- ÿ 80% attendance is Mandatory.
- ÿ 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/ transparent 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 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 and G-II courses are as follows:

DAE Exam System

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

G-II Exam System

Exams are divided into four semesters:

- ÿ Every semester has a mid-term followed by final exam.
- ÿ After the completion of fourth semester, the final exam is conducted by Trade Testing Board Lahore.

## ***CTTC Examination Rules and Regulations***

- ÿ Every year new academic session of CTTC starts in the month of September and ends in August. (12 Months)
- ÿ During an academic session the mid-term exams for DAE students has been conducted in the month of January.
- ÿ For certificate level (G-II students), the semester exams have been conducted after every 6 months.
- ÿ 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:

- ÿ Minimum of 80% attendance is required to appear in CTTC Internal examination.
- ÿ Sessional marks will be awarded to the trainees on their individual performances in workshop, class participation and assignments.
- ÿ Minimum passing marks for theoretical subjects is 40%.
- ÿ Minimum passing marks for Practical is 70% for certificate level (G-II students).
- ÿ 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%

## ***Punjab Board of Technical Education Examination***

To know about the examination rules of PBTE see website of Punjab Board of Technical Education Lahore.

<http://www.pbte.edu.pk/>



# Undertaking

For DAE Students

## Undertaking Fee Schedule [Sample] For DAE Students

I, Mr./Ms. \_\_\_\_\_ S/D/o \_\_\_\_\_  
enrolled in DAE \_\_\_\_\_ in Christian Technical Training Centre, Gujranwala do solemnly declare  
that I shall pay the college tuition fee as per the college fee policy.

The basic rules are mention below:

- ÿ I shall be liable to pay 36 month fee for the 3 year Diploma of Associate Engineering program.
- ÿ I shall be liable to deposit my college fee before 10<sup>th</sup> of every month, otherwise fine of Rs. 200/- shall be charged.
- ÿ During the 3<sup>rd</sup> year of studies, I shall ensure my final clearance with payment of dues in the month of June.
- ÿ I shall be liable to pay the tuition fee as per the annual raise in fee.
- ÿ I shall be submitting the fee in CTTC accounts office or the bank nominated on the fee challan form.
- ÿ In case, I want to leave the college due to any personal reason/ disciplinary action, I shall be liable to pa fee till the intimation of date of leaving.

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 after the confirmation of your admission at CTTC)



# Undertaking [Sample]

I, Mr./Ms. \_\_\_\_\_ S/D/o \_\_\_\_\_ enrolled in DAE/G-II \_\_\_\_\_ 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:

- ÿ Strictly follow the college timings. In case of frequent late arrivals the student will be suspended from the college.
- ÿ 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. 300 along with the engagement in campus work.
- ÿ In case of quarrel or any other disciplinary matter, the decision of the Administration/Disciplinary Committee shall be final & unchangeable.
- ÿ The use of drugs and smoking is prohibited on Campus. Violation of this rule may lead to immediate suspension from the college.
- ÿ In case of absence without leave, Parents will be informed through SMS on the guardian's contact number provided at the time of admission.
- ÿ Use of mobile phone is prohibited in the college premises. In case of violation fine of Rs. 500 will be charged.
- ÿ 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.
- ÿ I declared that I am not registered in any other board

Student's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Left Thumb Impression: \_\_\_\_\_

## 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 after the confirmation of your admission at CTTC.



## Christain Technical Training Centre

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