

PROSPECTUS

2023-24 & Onward



**For Admissions to 3 Years Diploma
of Associate Engineer Courses
Eligibility: SSC (Science)**

GOVERNMENT COLLEGE OF TECHNOLOGY, PESHAWAR

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Government of Khyber Pakhtunkhwa Vision

“Attainment of a secure, just and prosperous society through socio -economic and human resource development, creation of equal opportunities, good governance and optimal utilization of resources in a sustainable manner.”



Quality Statement

وَأَنْزَلْنَا الْحَدِيدَ فِيهِ بَأْسٌ شَدِيدٌ وَمَنَافِعُ لِلنَّاسِ
اور ہم نے لوہے کو پیدا کیا جس میں شدید ہیبت ہے۔ اور اس میں لوگوں کیلئے طرح طرح کے
فائده بھی ہیں (سورۃ الحديد ۲۵)

Vision

Prosperous and economically stable Khyber Pakhtunkhwa through competitive skilled work force for meeting domestic and global market demand.

Mission

Youth engagement in demand driven skilled training in sync with the market-based technology for improved employability and meaningful contribution to the socio-economic development of Khyber Pakhtunkhwa.

Objectives

- Impart such technical education and vocational skills through institutions under its administrative and regulatory control, which is based on syllabi acceptable internationally, is accredited with national and international institutions, is responsive to the market needs and provides nationally and internationally acceptable hands on experience to its trainees.
- Improving Access, Equity and Employability
- Assuring Quality

(In line with National Skill Strategy – NSS and TEVTA Act-2015)

Core Values

We believe in competence, integrity, commitment, collaboration and ownership.

Quality Policy Satisfaction of Customers

MESSAGE OF THE MANAGING DIRECTOR, KP-TEVTA

Dear Students,

I appreciate your decision to have started your career in Technical Education. It is a field which, if you take seriously, will bring you success and prosperity in your life. Technical Education will ensure you more painful job opportunities vis-a-vis General Education besides opening enormous opportunities for career / professional development within the country as well as abroad. You have started your career studies which will prepare you for mid-level engineering job in the public and private sector. If you need, you can join a job in Government, Industry or a corporate sector with a supervisory role in the construction, manufacturing, I.T and services sector after completion of your DAE courses to support yourselves and your families. If you have time and resources, you can build upon your DAE qualification for obtaining Engineering and Technologies Qualification at Bachelor degree level which can further lead you to the Master and PhD level in the National and International Universities. If you are interested, you can also switch over to Bachelor and Master Degrees in Sciences. So, you have a broad horizon ahead both for Employment and further Education. Your success will depend upon the time you give to learning and the hard work which you put in for your professional growth. The Ex-Students who had understood the value of time and passionately pursued their studies are enjoying brilliant careers and those who had killed the time are suffering. The decision rests with you whether to become achievers in your life or become sufferers.



Institutes of Technology and Polytechnic Institutes in Khyber Pakhtunkhwa Province have good infrastructure facilities with availability of qualified and experienced faculty. Most of the institutes / institutes are up to the National standard and few are up to the International Standard in terms of Education and Training delivery. KP -TEVTA is striving hard for further improvement of the standards with the Support of Federal / Provincial Governments and International donor Agencies. A big reform is under way in Technical education and Vocational Training and it is hoped that this sector will grow enormously in near future both quantitatively and qualitatively. Keep in mind that future Job Market is for Skilled workers, Technicians, Technologists and Engineers but only those can avail those golden opportunities who have got professional excellence in their related field. The jobs requirements are definitely practical skills blended with related theory and proper attitude which you will be gaining during your studies. Try to adopt yourselves within the new Technological environment by displaying high level of moral character by respecting your teachers, seniors and colleagues and surrendering yourselves to the institute discipline and code of conduct. You are advised to avoid political organizations and other ethnic groups and whole heartedly focus on your studies to become useful citizens. In this way you would not only be able to serve you nation in a better way but would also prove very useful to your parents and families. You are the carver of your future so carve a beautiful future with your own hands; it is easy, just a matter of your will.

Prof. Engr. Abdul Ghafar Khan
Managing Director KP-TEVTA

Foreword

Khyber Pakhtunkhwa Technical Education and Vocational Training Authority (KP-TEVTA) was established through an enactment in the year 2015 with the objective to impart such technical education and vocational skills through institutions' under its administrative and regulatory control, which is based on syllabi acceptable internationally, is accredited with national and international institutions, is responsive to the market needs and provides nationally and internationally acceptable hands on experience for its trainees.



Government College of Technology, Peshawar is one of the premier institute established since 1959 in the province imparting technician education and skills including BSc Engineering Technology and Diploma of Associate Engineers (DAE) programs and other short courses in line with the objective and spirit of the KP-TEVTA Act, 2015. Well established labs and shops for Auto & Diesel, Civil, Chemical, Electrical, Electronics & Mechanical Technologies along with allied subjects including computer, physics, chemistry are available in the college for imparting practical training in addition to theoretical knowledge. Besides, tools and equipment adequate training material is available in the relevant shops/labs of institute for carrying out practical work. Also, highly qualified, enthusiastic and passionate faculty is available in the college.

Besides, imparting knowledge and skill, we are more focus on building attitude and behaviour of trainees, therefore, we believed that after completion of three years study in this college, you would not be able to have an adequate knowledge and skill only in the relevant field but also built a positive attitude which ultimately add to competency. We are also focus on placement, on the job training, exposure visit and internship of trainees.

Technical education and vocational training play a pivotal role in the socio-economic development of the country; therefore, it is our responsibility to focus on technician education and impart competency-based training so as to compete in the international job market. This will lead to poverty alleviation in the region and boost livelihood, standard and economy.

We believe on TVET sector **“quality”** meaning “continually striving to improve what to do; it means offering clients, industry and the general community products and services that meet, if not exceed, their needs and expectations”. Implementing a Quality System is an exciting, challenging and confronting task. It’s also a task that can result in considerable benefits: for you, your staff, your clients and TVET sector. Therefore, we believe on quality and our slogan is customer (Trainees) satisfaction.

The objectives and quality could be achieved through our professional approach, leadership, commitment, self-esteem, sustained work and clear vision. All the students are requested to take keen interest in their curricular and co-curricular activities organized by the institute.

Finally, the Prophet (Peace be upon him) said “الكا سب حبيب الله” “one who earns by struggle is a friend of Allah”. We cordially welcome all of you at GCT, Peshawar.

Engr Muhammad Ullah Khattak
Principal

Learning Outcomes and Objectives of Three Years DAE Program

Learning Outcomes

- apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly defined technological problems appropriate to the discipline.
- design systems, components, or processes, meeting specified needs for broadly defined technological problems appropriate to the discipline
- function effectively as a member as well as a leader on technical teams.
- conduct standard tests, measurements, estimate quantity and experiments and analyze and interpret the results to improve processes.
- apply written, oral, and graphical communication in broadly defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

Objectives

- **Technical Proficiency** - Graduates will be technically proficient in Civil, Electrical and Electronics Technologies as well as supporting mathematics and science disciplines, allowing these graduates to supervise, manage, and construct civil engineering projects. Their technical skills and knowledge will enable them to perform their work duties with a commitment to quality, timeliness, and continuous improvement.
- **Professionalism** - Graduates will exhibit a professional work ethic and an interest in lifelong learning.
- **Interpersonal Skills** - Graduates will exhibit appropriate interpersonal skills as demonstrated by effectively working on teams and effectively communicating in the workplace.
- **Awareness of Social Impact** - Graduates will be aware of how their professional role will impact the societal/global community and demonstrate an appreciation for diversity.
- **Hands on Experience**- Graduates will be hands on experience after acquiring three months internship/on the job training in addition to in campus in relevant industry and will be aware how building and relevant codes shall be applied.

Chapter 1

Introduction and Brief History of the College

1.1 Introduction

Technical and Vocational Education and Training (TVET) plays a pivotal role in the socio-economic development of the country. An Engineering Technologist/Technician is a professional trained in certain aspects of development and implementation of a respective area of technology.

Technicians are skilled workers who work with complex systems or perform highly technical mechanical or diagnostic tests. Depending on the field, technicians may work independently or under the direction of a professional. Technicians can work indoors or might spend most of their time outside. Associate Engineers work as supervisor of handling engineering works and play a role of bridge between engineers/technologist and skilled workforce.

Since independence, Pakistan faced many challenges and one of them was in the field of engineering & technology. At that time, few industries existed in Pakistan. It was felt by the Government of Pakistan that engineering & technology is of vital importance for socio-economic development of a country. To meet the growing demands of rapidly changing and technologically oriented world, the Government of Pakistan stood determined to train its manpower technically. The Government of Pakistan in 1954, invited Ford Foundation of America, to make study of the need of technical persons in industry. The report showed that there was an acute shortage of technical personnel in the country.

The Government took immediate action in the light of the report, submitted by Ford Foundation and established three "POLYTECHNIC" Institutes in Karachi, Dhaka and Rawalpindi. The pass out from polytechnics were meant to assist engineers and skilled workers. Now there are hundreds of technical institutions in the country, imparting technical education to train the manpower. Government College of Technology, Peshawar is of such like biggest technical institute in the province imparting technical education working under KP-TEVTA.

Government College of Technology, Peshawar was initially established in 1959, as a Government Technical Institute, with a few students, it is now grown up as Government College of Technology, running diploma to degree level courses in various fields of engineering technology. The college is situated on Kohat Road, nearly two & a half kilometres from Cantt Railway Station Peshawar.

It has a land of 24 acres (approximately) having large purpose built building consisting of administration block academic blocks, students' hostels, residential colony, masjid, dispensary, colony for students, having a capacity to accommodate 200 students.

1.2 Technologies/Courses Offered

The college has been established with the mandate to offers BSc Engineering Technology and Three Years Diploma of Associate Engineers (DAE) courses in the following regular disciplines:

A. BSc Engineering Technology Programs

1. BSc Civil Engineering Technology;
2. BSc Electrical Engineering Technology; and
3. BSc Electronics Engineering Technology.

B. Diploma of Associate Engineers (DAE)

- | | |
|------------------------------------|---------------------------------|
| 1. DAE in Auto & Diesel Technology | 2. DAE in Civil Technology |
| 4. DAE in Chemical Technology | 4. DAE in Electrical Technology |
| 5. DAE in Electronics Technology & | 6. DAE in Mechanical Technology |

C. One-year Diploma in Information Technology (DIT)

Besides, BS, DAE & IT, the college also offers customized course on demand basis in the following trades;

1. Industrial Electrician;
2. Surveyor;
3. Plumber and Pipe Fitting;
4. Quantity Survey;

5. ICT related;
6. UPS and Solar panel;
7. AutoCAD
8. Other customized short courses.

1.3 Affiliation and Accreditation Status

- College is internationally accredited with APACC, Manila (Philippine)
- College is nationally accredited with NAVTTC, Islamabad (Pakistan)
- All DAE Programs are accredited with NAVTTC, Islamabad (Pakistan)
- All DAE and DIT Programs are affiliated with Khyber Pakhtunkhwa Board of Technical Education, Peshawar.
- BSc Engineering Technology Program is affiliated with UET, Peshawar.
- BSc Engineering Technology Program is being accredited with National Technology Council (NTC), Pakistan.
- Vocational/CBT courses are affiliated with TTB, Peshawar

1.4 Facilities

The institute has following physical facilities for the convenience and facilitation of students and staff;

- **Administration Block**
 - Principal office with PA Office
 - Accounts and Administrative staff offices
 - Conference room
 - Controller of Examinations Office
- DAE Auto & Diesel Engineering Technology Department having purpose-built classrooms, labs/shops with HOD and Instructor offices;
- DAE Civil Engineering Technology Department having purpose-built classrooms, labs/shops with HOD and Instructor offices;
- DAE Chemical Engineering Technology Department having purpose-built classrooms, labs/shops with HOD and Instructor offices;
- DAE Electrical Engineering Technology Department having purpose-built classrooms, labs/shops with HOD and Instructor offices;
- DAE Electronics Engineering Technology Department having purpose-built classrooms, labs/shops with HOD and Instructor offices;
- DAE Mechanical Engineering Technology Department having purpose-built classrooms, labs/shops with HOD and Instructor offices;
- Basic Sciences and Humanities Department having purpose-built classrooms, labs with HOD and Instructor offices;
- IT Department with complete networking and internet facilities.
- BSc Civil Engineering Technology Department having purpose-built classrooms, labs/shops with chairman and Instructor offices;
- BSc Electrical Engineering Technology Department having purpose-built classrooms, labs/shops with chairman and Instructor offices;
- BSc Mechanical Engineering Technology Department having purpose-built classrooms, labs/shops with chairman and Instructor offices;
- Residential Colony consisting of 44 residences;
- Sports facilities for internal and external games
- CCTV surveillance system.
- Mosque
- Library having 31700 text and general books
- Multipurpose Hall
- Student's Restrooms

Two Student's Hostel

- Store
- Two Tube wells with water tanks
- Car Parking
- Guard Room
- Two Generators

Chapter 2 Administration and Management

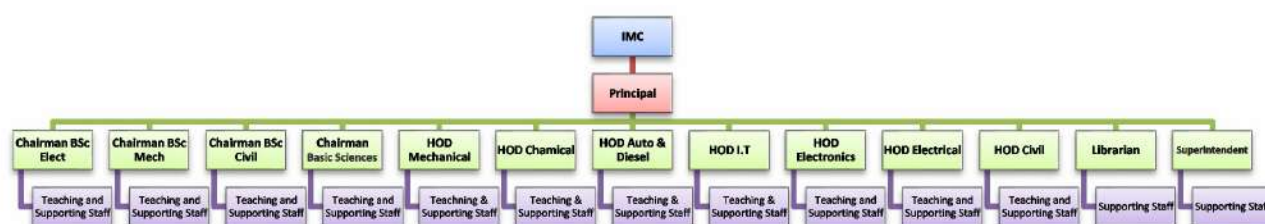
2.1 Administrative and Management Bodies

The college has well-defined organizational structure /organogram and following administrative and management bodies for smooth conduct of curricular and cocurricular activities;

- | | |
|--|---|
| 01. Organizational Structure/Organogram | 02. College Management Committee (CMC) |
| 03. College Council (CC) | 04. College Admission Committee (CAC) |
| 05. College Proctorial Board (CPB) | 06. College Procurement Committee (CPC) |
| 07. College Debating Society (CDS) | 08. College Sports Committee (CSC) |
| 09. Monitoring and Vigilance Committee (CMVC) | 10. College Auction Committee (CAC) |
| 11. College Complaint Redressal Committee (CCRC) | 12. Tutorial |
| 13. Academic Council for BSc Engineering Program | 14. Other Committees |

2.1.1 Organizational Structure:

The college has well-defined organizational/hierarchical structure for disposing of official business. Each section/program has an incharge with well-defined job description (JDs)/ scope of work. Moreover, the institute has also developed well defined JDs for every category of officials/individual for achieving objectives of the institute. The institute has undermentioned Organogram.



Organogram

2.1.2 Management Committee (IMC)

The Institute Management Committee (IMC) is an apex body of the institute, functioning under the leadership of Industrialists/Employers from private sector. The committee has other members from private and public sector whereas Principal of the institute works as Secretary cum Member of the IMC. The IMC has the following functions as prescribed in Section-10 of the TEVTA Act, 2015:

- to identify the local employment opportunities or requirements of skilled labor force;
- to prepare annual training plan based on identified training needs;
- to ensure optimum utilization of the available facilities and monitor training cost;

- to prepare annual budget estimate of the institute;
- to reflect on effectiveness of the prescribed training courses and suggest remedial actions;
- to establish institute-industry linkages;
- undertake any other function as may be prescribed by the Board; and

to develop a sustainable and effective mechanism by which inputs on above mentioned functions is communicated to the TEVTA Board for its consideration wherever relevant.

2.1.3 College Council

The college has a full-fledged council with specific TORs working under the leadership of Principal. All, Chairmen, Heads of Department, Controller of Examinations, Chief Proctor, and Placement Officer are members of the Council. Vice Principal works as member/secretary of the Council. Minutes of the meetings are prepared by Secretary of the Council and communicated to all concerned for compliance. The council has well-defined functions/term of references. Besides, academic activities, the Council is also involved in the administration and other important matters necessary for smooth running of the college.

2.1.4 College Admission Committee

The college has a formal admission committee comprising of Director Admission, Deputy Director Admission and other members along with ministerial and other supporting staff. The committee has been empowered to complete DAE and BSc Engineering Technology admission according to the laid down criteria and policy approved by the competent forum. The committee has well-defined powers and functions/term of references delegated by the management.

2.1.5 College Proctorial Board

The institute has an efficient, effective and well-organized Proctorial Board working under the auspices of Chief Proctor of the institute. Every year, members are selected from all the departments including teachers and students for smooth running of teaching-learning activities and maintaining discipline in the institute. The core responsibility of the Board is maintaining law and order and ensuring conducive teaching-learning environment in the institute. The board has well-defined powers and functions/term of references delegated by the management.

2.1.6 College Procurement Committee

The college has notified procurement committee working under the leadership of Principal. All Chairmen, Heads of Department, and Store Supervisor are members of the Council. All sort of procurement of durable goods/training materials beyond the single quotation are carried out through this committee. The committee has well-defined powers and functions/term of references delegated by the management.

2.1.7 College Debating Society

The college has notified debating cum literary society/body responsible for planning, organizing, and execution of all sorts of debates, and competition etc in the college for promoting cocurricular activities, leadership skill and motivations amongst students of the college. Also, the society is responsible to publish college magazine by exploring potential of the students and staff. The Society has well-defined powers and functions/term of references delegated by the management.

2.1.8 College Sports Committee

The college has a dedicated Director Sports and sports committee to plan, organize and execute sports events within the college and inter board tournaments organized by Board of Technical Education. Besides, the college sports committee selected players out of quota reserved for sports in all technologies. The committee and Director Sports has well-defined powers and functions/term of references delegated by the management .

2.1.9 College Monitoring and Vigilance Committee

The college has constituted a monitoring and vigilance committee for the purpose to monitor teaching-learning activities and other co-curricular activities in the college. The committee has been made responsible to submit vigilance/monitoring of the teaching-learning activities on daily basis direct to the Principal. This committee plays a key role in the efficient and effective operation of the academic activities.

2.1.10 College Auction Committee

The college has a notified auction committee constituted under KPPPRA Rules, 2014 responsible for disposing off all sorts of unserviceable store.

2.1.11 Complaint/Suggestion Redressal Committee

In order to ensure efficient and effective running of any organization, it is obligatory to establish a complaint/suggestion management system for redressal of students and other stakeholders' complaints/suggestions and grievances. The 1st step is to provide a suggestion/complaint box in a prominent place so that it could be easily accessible to all stakeholders for registering their complaints, hence, the college has provided a complaint box in the entrance of the institute and opened on daily basis. Suggestions/complaints are analysed/investigated and actions taken thereof.

2.1.12 Tutorial

The college has tutorial system for guidance and co-ordination with students. Every class has assigned tutor for the guidance and career counselling of students. The tutors also maintain record of students' attendance, personal files, sessional marks and internal assessment of their classes.

2.1.13 Academic Council for BSc Engineering Program

The college has notified academic council for BSc Engineering Program. The purpose of the council is to discuss academic activities of the program and addresses academic and accreditation issues with the NTC and UET Peshawar.

2.1.14 Other Committees:

Besides, the above, the college management can constitute other committees as required for particular activity.



Chapter 3

General Information

3.1 Library

The college has well-equipped library with dedicated and highly qualified librarian. The library remains opened during official timing both for staff and students. It has almost 31700 books including textbooks, reference books, general and religious books. Three daily newspapers in Urdu and English are available for staff and students for information and knowledge sharing.



3.2 Students Hostel

The college has provision of two student's hostels with a capacity of 100 students each for boarding and lodging of students belonging to far-flung areas. The hostels have dining halls, common rooms, warden lounge and student's restroom facilities in addition to dormitories.



3.3 Mosque

The college has a dedicated and well-furnished mosque having a capacity of accommodating more than 200 prayers at a time.

3.4 Health Care Centre

The college Health Care Centre to facilitate the students and staff in case of emergency. Basic medicines are available in the college. The college has designated posts of Medical Officer, Medical Technician and other supporting staff. Furthermore, Naseer Ullah Babar Hospital is located in the vicinity of college.

3.5 Co-Curricular Activities

Besides curricular activities, the college administration is also focused on co-curricular activities including sports, debates, project competition and exhibitions etc. The college has all facilities for playing indoor and outdoor games like badminton, table tennis, volleyball, football, hockey and cricket etc. Besides, Inter-board tournament, every year inter technologies cricket tournament is organized by the college administration. Also, debates in various topics are organized by the college administration every year. The winners and runners up are awarded trophies and cash prizes. Students of the college also participate in the provincial and national level skill competition organized by the KP-TEVTA and NAVTTC.

3.6 Magazine

Literary and debating society has a mandate to publish a magazine annually. Articles composed by students and staff on various topics are included in the magazine. The students as well as teachers are required to write their article in English, Pashto, and Urdu etc and submit to the chair of the society for its publication in the magazine. This healthy activity boosts and leads to creative thinking and innovation.

3.7 Internal Assessment

In order to prepare students for Board Examination, internal assessment is conducted twice in the session by the college management on the pattern of Board Examination. Results of assessments are shared with students as such the concerned teacher addresses discrepancies marked in the papers. The concerned HOD and Local Controller of Examination maintain record of internal assessment. The management also shares outcomes of the internal assessment with the parents of students for information and improvement.

3.8 Parents Teachers Meeting

In order to inform parents about progress of their wards, Parents-Teachers meeting is organized by the college administration to share progress of students with their Parents. Strength and weaknesses of students are discussed in the said meetings. Sometimes, parents are also called to resolve conflicts of student with other peer student/students or employee/employees of the institute.

3.9 Security Measures

The college management has made utmost efforts to ensure safety and security in the college, therefore, Closed Circuit Television (CCTV) system comprising of sixty-four (64) cameras have been established for security, and monitoring of academic activities undertaken by the college. Besides, the college has full-fledged security committee assigned special assignment of security for watching day to day activities to cope with security threats. No irrelevant person can enter in the institute without prior permission and registration with the security guard.

3.10 Industrial Tour

All the third-year students are given an opportunity to proceed on industrial tour in their specialized field of Industries to Lahore or any industrial city. Besides Industrial tour students are paid field visits like visit to dam, grid stations, TV station, railway tracks, industries and other construction industries. This facility is in addition to in campus training.

3.11 Internship/Placement

The college has also placement facilities for placing trainees on internship or on the job training. The pass-out trainees are placed for internship in the nearby industries. The Chairman College Management Committee also play a pivotal role in the placement of graduates of the college. Furthermore, C&W Department Peshawar is kind enough to facilitate our pass-out in internship or on the job training.

3.12 Sports

Sports activities are important not only for physical fitness but also for mental health. To create a sense of healthy competition & sportsman spirit, the college has adequate sports facilities. Director Sports organizes inter-Technologies competition among students of the college. The sports events such as Cricket, Volley Ball, Table Tennis & Badminton are regularly held. The students are also given opportunities to take part in the sports competition under the supervision of Khyber Pakhtunkhwa Board of Technical Education Peshawar.



Chapter 4 Scheme of Studies

4.1 Department of DAE Civil Technology

Scheme of Study for DAE Civil Technology						
S.No	Course Code	Subject	Contact Hours (Periods)			Credit Hours
			T	P	Total	
		First Year				
	Code	Second Year	T	P	Total	C
01	GEN-111	Islamiyat & Pakistan Studies	1	0	1	1
02	GEN-112	English	2	0	2	2
03	Math-113	Applied Mathematics-I	3	0	3	3
04	CH-112	Applied Chemistry	1	3	4	2
05	PHY-122	Applied Physics	1	3	4	2
06	CT-114	Basic Survey	2	6	8	4
07	CT-123	Engineering Material and Construction	2	3	5	3
08	CT-133	Basic Engineering Drawing	1	6	7	3
09	Shop-112	Workshop Practice	1	3	4	2
10	Comp-111	Computer Application	0	3	3	1
TOTAL			14	27	41	23
		Third Year				
01	Gen-211	Islamiyat & Pak Study	1	0	1	1
02	Math-212	Applied Mathematics-II	2	0	2	2
03	Gen-222	Communication Skills and Report Writing	1	2	3	2
04	CT-213	Public Health Technology	2	3	5	3
05	CT-224	Advance Surveying	2	6	8	4
06	CT-233	Building Construction	2	3	5	3
07	CT-243	Civil Engineering Drawing and AutoCAD	1	6	7	3
08	CT-253	Mechanics of Structures	2	3	5	3
09	CT-262	Quantity Survey	1	3	4	2
TOTAL			14	26	40	23
01	Gen-311	Islamiyat & Pak Study	1	0	1	1
02	CT-312	Project Management	2	0	2	2
03	CT-323	Advance Quantity Surveying	1	6	7	3
04	CT-332	Environment Health and safety	2	0	2	2
05	CT-344	Hydraulics & Irrigation	3	3	6	4
06	CT-353	Transportation Engineering	2	3	5	3
07	CT-363	Concrete Technology & RCC Design	2	3	5	3
08	CT-373	Soil Mechanics & Bridge Engineering	2	3	5	3
09	CT-382	Civil Engineering Project	0	6	6	2
TOTAL			15	24	39	23
Grand Total (Contact Theory + Practical & Credit Hours)			43	77	120	69

T* means Theory, P* means Practical and C* means Credit Hours

4.2 Department of DAE Auto & Diesel Technology

Scheme of Studies for DAE Auto & Diesel Technology						
S.No	Course Code	Subject	Contact Hours (Periods)			Credit Hours
			T*	P*	Total	
First Year						
01	Gen-111	Islamiyat & Pak Study	1	0	1	1
02	Eng-112	English	2	0	2	2
03	Math-113	Applied Mathematics-I	2	0	2	2
04	Phy-113	Applied Physics	1	3	4	2
05	Comp-122	Computer Applications	1	3	4	2
06	AD-113	Automotive Electrics and Electronics	2	3	5	3
07	AD-123	I.C Engines	2	3	5	3
08	AD-122	Hybrid Vehicle	2	0	2	2
09	AD-153	Engineering Drawing	1	6	6	3
10	AD-164	Workshop Practice-I				
		a) Machine Shop & Safely Practice	1	3	4	2
		b) Metal Shop, Welding Practice & Foundry	1	3	4	2
TOTAL			16	24	39	24
Code			T	P	Total	C
Second Year						
01	Gen-211	Islamiyat & Pak Study	1	0	1	1
02	CH-213	Applied Chemistry	1	3	4	2
03	Math-213	Applied Mathematics-II	2	0	2	2
04	Phy-212	Applied Mechanics	1	3	4	2
05	Mgm-232	Industrial Management & Economics	2	0	2	2
06	AD- 212	Applied Thermodynamics	1	3	4	2
07	AD- 223	Suspension, Steering & Brakes	2	3	5	3
08	AD-234	Workshop Practice-II	2	6	8	4
09	AD-243	Problems in I.C Engines	2	3	5	3
10	AD-252	Metrology	1	3	4	2
Total			15	24	39	23
Code			T	P	Total	C
Third Year						
01	Gen-311	Islamiyat & Pak Study	1	0	1	1
02	Mgm-321	Business Communication	2	0	2	1
03	AD-313	Computer Aided Design and Manufacturing	1	3	4	2
04	AD- 323	Fuel Injection & Carburation	2	3	5	3
05	AD-333	Automotive Transmission	2	3	5	3
06	AD-342	Motor Vehicle Inspection	1	3	4	2
07	AD-353	Auto Body Building & Finishing	2	3	5	3
08	AD-362	Motor Vehicle Driving	1	3	4	2
09	AD-374	Workshop Practice-III	1	6	7	4
10	AD-392	Metallurgy & Health Treatment	1	3	4	2
TOTAL			13	27	41	22
Grand Total (Contact Theory + Practical & Credit Hours)			44	75	119	69

4.3 Department of DAE Chemical Technology

Scheme of Study for DAE Chemical Technology						
S.No	Course Code	Subject	Contact Hours (Periods)			Credit Hours
			T*	P*	Total	
First Year			T*	P*	Total	C *
01	Gen-111	Islamiyat & Pak Study	1	0	1	1
02	Eng -112	English	2	0	2	2
03	Math-113	Applied Mathematics-I	3	0	3	3
04	Phy-113	Applied Physics	2	3	5	3
05	Comp- 122	Computer Application	1	3	4	2
06	CHT-153	Basic Chemical Engineering	2	3	5	3
07	CHT-164	General Chemistry	2	6	8	4
08	Drg-143	Basic & Engineering Drawing & CAD-I	1	6	7	3
TOTAL			14	21	35	21
Code			T	P	Total	C
Second Year			T	P	Total	C
01	Gen-211	Islamiyat & Pak Study	1	0	1	1
02	Math-223	Applied Mathematics-II	3	0	3	3
03	MGM-211	Business Communication	1	0	1	1
04	MGM-221	Business Management & Industrial Economics	1	0	1	1
05	CHT-244	Organic Chemistry	2	6	8	4
06	CHT-254	Industrial Chemical Process-I	3	3	6	4
07	CHT-263	Quantitative Analysis	1	6	7	3
08	CHT-271	Safety Practice & Procedure	1	0	1	1
09	CHT-283	Physical Chemistry	2	3	5	3
10	CHT-293	Chemical Engg-I	2	3	5	3
Total			17	21	38	24
Code			T	P	Total	C
Third Year			T	P	Total	C
01	Gen-311	Islamiyat & Pak Study	1	0	1	1
02	Mgm-311	Industrial Management & Human Relations	1	0	1	1
04	CHT-314	Instrumental Methods of Analysis	2	6	8	4
05	CHT-324	Industrial Chemical Process-II	3	3	6	4
06	CHT-335	Chemical Engineering-II	3	6	9	5
07	CHT-342	Process Instrumentation and Control	2	0	2	2
08	CHT-352	Chemical Technology Practice	0	6	6	2
09	CHT-362	Energy Conservation/Pollution	1	3	4	2
10	CHT-372	Industrial Stoichiometry	2	0	2	2
TOTAL			15	24	39	23
Grand Total (Contact Theory + Practical & Credit Hours)			46	66	112	68

4.4 Department of Electrical Technology

Scheme of Study for DAE Electrical Technology						
S.No	Course Code	Subject	Contact Hours (Periods)			Credit Hours
			T*	P*	Total	
First Year			T*	P*	Total	C*
01	Gen111	Islamiyat & Pak Study	1	0	1	1
02	Eng 112	English	2	0	2	2
03	Math123	Applied Mathematics-I	3	0	3	3
04	ET115	Principles of Electrical Engineering	3	6	9	5
05	Ch 132	Applied Chemistry	1	3	4	2
06	ET121	Basic Electrical Drawing	0	3	3	1
07	ET146	Workshop Practice	1	15	16	6
08	Comp122	Computer Applications	1	3	4	2
	TOTAL		12	30	42	22
Second Year			T	P	Total	C
01	Gen 211	Islamiyat & Pak Study	1	0	1	1
02	MGM 221	Business Management & Industrial Economics	1	0	1	1
03	Math 233	Applied Mathematics-II	3	0	3	3
04	ET 213	DC Machines & Batteries	2	3	5	3
05	Phy 222	Applied Physics	1	3	4	2
06	ET 223	Electrical Instruments and Measurements	2	3	5	3
07	ET 233	Utilization of Electrical Engineering	2	3	5	3
08	ET 242	Installation, Planning & Estimating	1	3	4	2
09	ET 251	Application of Computer in Elect: Technology	0	3	3	1
10	ET 263	Basic Electronics	2	3	5	3
11	ET 271	Workshop Practice-II (Machine Shop)	0	3	3	1
	Total		15	24	39	23
Third Year			T	P	Total	C
01	Gen-311	Islamiyat & Pak Study	1	0	1	1
02	MGM-221	Business Communication	1	0	1	1
03	MGM-311	Industrial Management & Human Relations	1	0	1	1
04	ET- 316	A.C Machines	4	6	10	6
05	ET-322	Power Plant & Energy Conservation	2	0	2	2
06	ET-335	Transmission Distribution and Protection of Electrical Power Systems	4	3	7	5
07	ET-343	Telecommunication	2	3	5	3
08	ET-353	Repair & Maintenance of Elect: Equipment	1	6	7	3
09	ET-364	Digital & Industrial Electronics	3	3	6	4
	TOTAL		19	21	40	26
Grand Total (Contact Theory + Practical & Credit Hours)			46	75	111	71

4.5 Department of DAE Electronics Technology

Scheme of Study for DAE Electronics Technology

S.No	Course Code	Subject	Contact Hours (Periods)			Credit Hours
			T	P	Total	
First Year			T	P	Total	C
01	Gen111	Islamiyat & Pakistan Studies	1	0	1	1
02	Eng 112	English	2	0	2	2
03	Math123	Applied Mathematics-I	3	0	3	3
04	Phy-112	Applied Physics	1	3	4	2
05	CH-112	Applied Chemistry	1	3	4	2
06	Comp-112	Computer Fundamentals	1	3	4	2
07	EL.TR-114	Electrical Circuits	3	3	6	4
08	EL.TR-123	Electronics Devices	2	3	5	3
09	EL.TR-132	Engineering Drawing & Computer Aided Design	0	6	6	2
10	EL.TR-141	Electrical Wiring	0	3	3	1
TOTAL			14	24	38	22
Second Year			T	P	Total	C
01	Gen-211	Islamiyat & Pak Study	1	0	1	1
02	Math-213	Applied Mathematics-II	3	0	3	3
03	COMS-211	Communication Skills	1	0	1	1
04	EL.TR-212	Propagation of Electro Magnetic waves	2	0	2	2
05	EL.TR-225	Analog Electronics	3	6	9	5
06	EL.TR-233	Electrical Instruments & Measurement	2	3	5	3
07	EL.TR-243	Electrical Machines	2	3	5	3
08	EL.TR-253	Communication System	2	3	5	3
09	EL.TR-264	Digital Electronics	3	3	6	4
10	EL.TR-271	PCB Fabrication	0	3	3	1
TOTAL			19	21	40	26
Code			T	P	Total	C
01	Gen-311	Islamiyat & Pak Study	1	0	1	1
02	MGM-311	Industrial Management & Human Relations	1	0	1	1
03	OSHE-311	Occupational Safety, Health and Environment	1	0	1	1
04	EL.TR-314	Computer Architecture	3	3	6	4
05	EL.TR-322	Equipment Maintenance & Servicing	0	6	6	2
06	EL.TR-332	Project	0	6	6	2
07	EL.TR-343	Industrial Electronics	2	3	5	3
08	EL.TR-353	Power Electronics	2	3	5	3
09	EL.TR-363	Microcontroller Programming and Applications	2	3	5	3
TOTAL			12	24	36	20
Grand Total (Contact Theory + Practical & Credit Hours)			45	69	114	68

4.6 Department of DAE Mechanical Technology

Scheme of Study for DAE Mechanical Technology						
S.No	Course Code	Subject	Contact Hours (Periods)			Credit Hrs
			T	P	Total	
		First Year				C
01	Gen-111	Islamiyat & Pak Study	1	0	1	1
02	Eng -112	Functional English	2	0	2	2
03	Math 113	Applied Mathematics-I	3	0	3	3
04	Phy-122	Phy-122 Applied Physics	1	3	4	2
05	Ch-112	Ch-112 Applied Chemistry	1	3	4	2
06	MT-117	Workshop Practice-I	2	15	17	7
		i. Metal Work	0	3	3	1
		ii. Wood Work	0	3	3	1
		iii. Welding and Forging	0	3	3	1
		iv. Foundry	0	3	3	1
		v. Basic Machine Shop-I	0	3	3	1
		vi. Theory	2	0	2	2
07	Comp-142	Computer Applications	1	3	4	2
08	MT-141	Health Safety and Environment	1	0	1	1
09	MT-163	Basic Engineering Drawing and CAD-I	1	6	7	3
TOTAL			13	30	43	23
		Second Year				C
01	Gen-211	Islamiyat & Pak Study	1	0	1	0
02	Phy-212	Applied Mechanics	1	3	4	2
03	Math 212	Applied Mathematics-II	2	0	2	2
04	MGM-211	Business Communication	1	0	1	1
05	MGM-221	Business Management and Industrial Economics	1	0	1	1
06	ET-202	Applied Electricity and Electronics	1	3	4	2
07	MT-223	Engineering Drawing-II	1	6	7	3
		i. Machine Drawing	0	3	3	1
		ii. 2D and 3 D CAD	0	3	3	1
		iii. Theory	1	0	1	1
08	MT-236	Workshop Practice-II	2	12	14	6
		i. Basic Machine Shop-II	0	6	6	2
		ii. Foundry and Pattern Making	0	3	3	1
		iii. Advance Welding	0	3	3	1
		iv. Theory	2	0	2	2
09	MT-242	Metallurgy	2	0	2	2
10	MT-252	Metrology	1	3	4	2
TOTAL			13	27	40	22
		Third Year				C
01	Gen-311	Islamiyat & Pak Study	1	0	1	1
02	IMH-311	Industrial Management and Human Relations	1	0	1	1
03	MT-312	Hydraulics and Hydraulic Machines	1	3	4	2
04	MT-323	Applied Thermodynamics	2	3	5	3
05	MT-331	Industrial Planning and Production	1	0	1	1
06	MT-343	Machine Design	2	3	5	3
07	MT-353	Tool & Mold Design	2	3	5	3
08	MT-362	Material Testing and Heat Treatment	1	3	4	2
09	MT-374	Workshop Practice-III (Advance machine shop and project)	2	6	8	4
10	MT-382	CAD/CAM	1	3	4	2
11	MT-392	CNC Machines	1	3	4	2
TOTAL			15	27	42	24
Grand Total (Contact Theory + Practical & Credit Hours)			41	84	125	69

Chapter 5 Faculty and Physical Facilities

5.1 Department of DAE Auto & Diesel Technology

5.1.1 Faculty

Head of Department

Mr. Zulfiqar Ali Khan (DAE Auto)

Lecturer

Mr. Abdullah Shah
DAE Auto, B.Tech Mechanical

Mr. Ishtiaq Rozi
DAE Auto

Mr. Altaf Khan
DAE Auto

Mr. Muhammad Siddique
DAE Auto, B.Tech Mechanical

Junior Instructors

Mr. Nasir Khan
DAE Auto

5.1.2 Physical Facilities

DAE Auto & Diesel Technology Department has three classrooms and following workshops/labs having latest and advance machinery and equipment to cater the requirement of DAE curricula;

1. Power lab;
2. Repair and Maintenance lab;
3. Basic Electronics;
4. Instruments Lab; and
5. Advance Wiring Lab.

The labs are well-equipped with latest instruments, equipment, trainers and furniture. All the requisite facilities are available in the labs.



5.2 Department of DAE Civil Technology

5.2.1 Faculty

Head Of Department

Mr. Muhammad Ismail Khan Khattak

B.Tech (Hons) Civil

Master in Technology (M.Tech)

Lecturer

Mr. Khurshid Ali
DAE Civil

Mr. Zakir Hussain
DAE Civil

Mr. Sadaqat Ali
DAE Civil

Mr. Aamir Rashid
DAE Civil

Junior Instructor

Mr. Shafaat Hussain
DAE Civil

Mr. Rizwan Ullah
DAE Civil

5.2.2 Physical Facilities

DAE Civil Technology Department has three classrooms and following labs having latest and advance instruments and equipment to cater the requirement of DAE curricula;

- | | |
|---------------------------------|------------------------|
| 1) Surveying Lab | 2) Drafting Lab |
| 3) Construction Lab | 4) Structure Lab |
| 5) Public Health / Plumbing Lab | 6) Health & Safety Lab |

Moreover, the following labs established in BSc Civil Engineering Technology and DAE Mechanical Departments are also shared with the students of DAE Civil for the purpose of practical;

- | | |
|-----------------------|-------------------------|
| 1) Soil Mechanics Lab | 2) Concrete Lab |
| 3) Hydraulic Lab | 4) Material Testing Lab |



5.3 Department of DAE Chemical Technology

5.3.1 Faculty

Head Of Department

Mr. Aziz Ullah
DAE (Chemical) MA (Islamiat)

Lecturer

Engr. Fazli Saeed

MS Chemical Engg:

5.3.2 Physical Facilities

DAE Chemical Technology Department has three classrooms and following labs having latest and advance instruments and equipment to cater the requirement of DAE curricula;

- a) Chemical Engineering Lab.
- b) Instrumental and Quantitative Analysis Lab.
- c) Organic and Physical Chemistry Lab.
- d) Industrial Chemical Processes Lab.



5.4 Department of DAE Electrical Technology

5.4.1 Faculty

Head of Department

Mr. Asif Iltaf
B.Tech (Hons) Electrical
MS Electrical Engineering Technology

Lecturer

Mr. Arshad Iqbal
DAE (Elect), B.Tech (Elect)

Mr. Shah Saud
DAE (Elect), B.Tech (Elect)

Junior Instructor

Mr. Jaffar Shah
DAE (Elect)

Mr. Shah Waqar
DAE (Elect)

Engr. Mudassir Ahmed
B.Sc Engineering (Elect)

Abdul Baqi
B.Sc Engineering (Elect)

Junior Trade Instructor

Mr. Muqaddas Khan

Mr. Rahat Shah

5.4.2 Physical Facilities

DAE Electrical Technology Department has three classrooms and following Shops/labs having adequate instruments and equipment to cater the requirement of DAE curricula;

- 1) Electrical Machine Shop
- 2) Electrical Power Lab
- 3) Measuring instruments and Electronics Lab
- 4) Repair and Maintenance Lab in this lab

Moreover, the labs and workshops established in BSc Electrical Engineering Technology Department and DAE Mechanical Departments are also shared with the students of DAE Electrical for the purpose of practical;



5.5 Department of DAE Electronics Technology

5.5.1 Faculty

Head of Department

Engr. Nasrullah Khan
B.Sc, Electrical Engineering

Assistant Professor

Mr. Muhammad Pervaiz Khan
B. Tech (Hons)
MS Electronics Technology

Lecturer

Engr. Waqas Ahmad
MS Electronics Engineering

Mr. Aurangzeb
DAE Electronics

Junior Trade Instructor

Mr. Mushtaq
MS Electronics Engineering

Mr. Aurangzeb
DAE Electronics

Engr. Mujtaba
BSc Electronics Engineering

Engr. Kashif Khan
BSc Electrical Engineering

Mr. M. Ashfaq
BSc Electronics Engineering

Engr. Kashif Khan
BSc Electrical Engineering



5.5.2 Physical Facilities

DAE Electronics Technology Department has three classrooms and following Shops/labs having adequate instruments and equipment to cater the requirement of DAE curricula;

- | | |
|----------------------------|-------------------|
| 1) Basic Electronics Lab | 2) Instrument Lab |
| 3) Advance Electronics Lab | 4) Computer Lab |

Moreover, the labs and workshops established in BSc Electrical Engineering Technology Department and DAE Electrical Departments are also shared with the students of DAE Electrical for the purpose of practical.



5.6 Department of DAE Mechanical Technology

5.6.1 Faculty

Head of Department

Engr. QaziRazi-ud Din

B.ScMech Engineering

Associate Professor

Mr. Rehmat Ullah
B.Tech (Hons) Mech

Lecturer

Mr. Muhammad Rafaqat
B.Tech (Hons) Mech

Mr. Saleem Akhtar
DAE Mech

Mr. Waheed Hussain
B.Tech (Hons) Mech

Engr. Zeeshan Ahmad
BSc Engineering (Mechanical)

Mr. Shahbaz Haider
B.Tech (Hons) Mech

Mr. Tahir Zaheer
B.Tech (Hons) Mech

Mr. Aurangzeb
DAE Mechanical

Mr. Aurangzeb
DAE (Mechanical)

Junior Instructor

Mr. Hamid Kamran
B.Tech (Mechanical)

5.6.2 Physical Facilities

DAE Mechanical Technology Department has three classrooms and following Shops/labs having adequate machinery and equipment to cater the requirement of DAE curricula;

- | | | | |
|----|----------------|----|----------------------|
| 1) | Machine Shop | 2) | Welding Shop |
| 3) | Woodwork Shop | 4) | Metal Shop |
| 5) | Hydraulics Lab | 6) | Material Testing Lab |
| 7) | Boiler | 8) | Metrology |



5.7 Department of Basic Sciences / Humanities

5.7.1 Faculty

Head of Department

Muhammad Iqbal (HOD)
M.Phil, M.Sc Physics

Professor

Prof. Shafqat Hussain
MPhil Physics

Associate Professor

Mr. Muhammad Iqbal
M.Phil, Physics

Dr. Rehman Ud Din
PhD Economics

Assistant Professor

Mr. InamUllah
M.Sc Mathematics

Mr. Nasir Iqbal
M.Sc Mathematics

Mr. HidayatUllah
M.Sc Economics/MBA

Mr.Abdul Qayyum Khan
M.Phil, M.Sc Chemistry

Dr.MianRafiullah
Ph.DIslamiyat

5.7.2 Physical Facilities

Basic sciences Department has two classrooms and following labs having adequate instruments, glassware and chemical to cater the requirement of all DAE curricula;

1) Physics Lab

2) Chemistry Lab





5.8 Department of Information Technology (IT)

5.8.1 Faculty

Head of Department

Engr. Fazal-e-Elahi

B.Sc Engineering Electrical

Associate Professor

Mr. Muhammad Bakhtiar Khan

MS Computer Science

Lecturer

Mr. Dawood Khan

Master in Computer Science (MCS)

Junior. Instructor

Mr. Sifat Ullah

MS In Software Engineering

Mr. Iftikhar Ahmad

MS Data Science

5.8.2 Physical Facilities

IT Department has four computer labs and one conference room equipped with latest computers. All the labs have properly networking and Wi-Fi facilities. Moreover, multimedia, scanners, and printers are also available in the Department.



5.9 Administration Department & Supporting Staff

5.9.1 Administration Staff

01.	Engr. Muhammad Ullah BSc Civil Engineering MS Engineering Management	Principal
02	Engr. Syed Qasim Shah MS Electrical Engineering	Vice Principal
02.	Mr. Syed Usman Shah MBA	Administrator
03.	Engr. Sohail Ayub BSc Mechanical Engineering	VC+JP Officer

04.	Mr. Abdul Majeed	Superintendent
05.	Mr. Muhammad Iftikhar	P.A to Principal
06.	Mr. Gul Dad Khan	Head Clerk
07.	Mr. Johar Iqbal	Office Assistant
08.	Mr. Sohail	Accounts Assistant
09.	Mr. Zulfiqar Ali Shah	Stenographer
10.	Mr. Ziaul Hakim	Junior Office Assistant
11.	Mr. Muzamil Shah	Junior Office Assistant
12.	Mr. Aurangzeb	Senior Clerk
13.	Mr. Muhammad Yaseen	Senior Clerk
14.	Mr. Ajab Khan	Junior Clerk
15.	Mr. Sajid Hussain	Junior Clerk
16.	Mr. Abdul Qayum	Junior Clerk

Main Store

1.	Mr. Ijaz Ahmad	Store Supervisor
2.	Mr. Muzamil	Junior Clerk

Library Staff

1.	Mr. Muhammad Ilyas Khan	Librarian
2.	Mr. Muhammad Arshad	Junior Clerk

Sports

Mr. Kabir Jan	Director Sports
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Admission Office

1.	Engr. Fazal-e-Elahi	Director Admissions
2.	Mr. Atiq ur Rahman, Assistant Professor Mechanical	Dy. Director Admissions
3.	Mr. Tahir Zaheer, Lecturer Mechanical	Member
4.	Mr. Muhammad Afzal	Assistant to Director Admission

Examination Section

Mr. Muhammad Bakhtiar Khan	Controller of Examinations
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5.9.2 Physical Facilities

College has dedicated administration block including Principal office and offices for Controller of Examination and administration staff of the college with ICT facilities.

Chapter 6

Regulations for Admission

6.1 General

Availability of College Prospectus and last date for submission of admission applications to DAE programs are published in the print media every year. The admission process generally started after declaration of Secondary School Certificate results. Admissions are sought purely on merit and policy notified by the Board of Technical Education and duly approved by the Principals in prospectus meeting held every year. Merit for admission is developed on the basis of marks obtained in the Secondary School Certificate (SSC)/Technical School Certificate (TSC)/G-II Examinations.

6.2 Eligibility Criteria

A. Admission to DAE program in Government College of Technology, Peshawar shall be opened to the candidate fulfilling the following criteria.

1. Secondary School Certificate (SSC)/Technical School Certificate (TSC) with Science.
2. Technical School Certificate (TSC). (Specified seats also)
3. Two Years Vocational/G-II level certificate with SSC Science (Specified seats only)
4. "E" grade is not eligible.
5. Those candidates who passed in the subsequent supplementary examination are also not eligible for admission.
6. CNIC of Father or Form- B of the candidate must be of the respective area for which admission is solicited.
7. Government employee's sons/wards are eligible for admission against open merit seats irrespective of CNIC; provided that they are serving in any Government Department in District Peshawar. Government employees shall affix original service certificate at the time of submission of admission form.
8. NOC from the competent authority is mandatory for Government servants.
9. Merit list shall be prepared on the basis of marks secured in SSC/TSC examinations.

B. Age Limit:

- Age limit is 16-25 years for admission to first year classes on closing date of submission of application forms. The competent authority may grant relaxation up to two years in the upper age limit for which the applicant shall have to deposit Rs. 1500/- or fee notified by the competent authority time to time in addition to the normal admission fee.

6.3 Allocation of Seats for Academic Session 2023-24

S.No	Details	Auto	Chemical	Civil	Electrical	Electronics	Mechanical	Total
1.	Open Merit Seats Distt: Peshawar Only	-	-	44	34	-	35	113
	Peshawar, Nowshera, Kohat, Karak, Bannu, D.I.Khan, Lakki Marwat, Hangu	-	-	-	-	34	-	34
	All Khyber Pakhtunkhwa	34	36	-	-	-	-	70
2.	Quota Seats TSC/VOC/G-II (With SSC Science Subjects)	2	-	2	2	2	2	10
3.	GCT, Peshawar Employees (Real Sons/Brothers)	2	2	2	2	2	2	12
4.	Employee of Technical Education (Real Sons/Brothers)	1	1	1	1	1	1	06
5.	FATA	4	4	5	5	4	4	26
6.	Armed Forces	1	1	1	1	1	1	06

7.	Punjab	-	1	1	-	1	1	04
8.	Sindh	1	-	-	-	1	-	02
9.	Baluchistan	-	-	1	-	-	-	01
10.	Islamabad	-	-	1	1	-	-	02
11.	AJK	2	4	-	2	2	1	11
12.	Northern Areas	1	-	1	1	1	1	05
13.	Afghan Refugees	1	-	-	-	-	1	02
14.	Sports	1	1	1	1	1	1	06
Total		50	50	60	50	50	50	310

Note:

1. Total 8 numbers of seats are reserved for the employee of UET Peshawar on reciprocal basis in all colleges of the province. Nomination against these seat shall be made by the Registrar of UET Peshawar directly.
2. 2% quota i.e one seat per technology is reserved for afghan refugees over and above the sanctioned capacity.
3. First priority shall be given to real son. In case of availability of seats real brothers of the employees shall be considered for admission in the technology where seat is fallen vacant.
4. All the seats shall be filled purely on merit from the quota reserved from each category, however, in case of seats fallen vacant due to obvious reasons, it can be filled 1st from open merit and then from other districts as well for optimum utilization of resources.
5. 2% seats reserved for disabled person having valid certificate from social welfare department.

6.4 Allocation of Open Merit Seats for Academic Session 2023-24 (Second Shift)

Auto	Chemical	Civil		Electrical		Electronics	Mechanical		Total
		Section-A	Section-B	Section-A	Section-B		Section-A	Section-B	
50	50	60	60	50	50	50	50	50	470

6.5 Admission Policy

1. Open merit candidates shall submit their admission forms directly in the admission office of the institute.
2. Candidates other than merit shall submit their admission forms through proper channel.
3. Retired and in-service employees shall submit original service certificate from their employers.
4. Son of deceased employees of Technical Education Department are also eligible for admission.
5. Real sons shall be preferred over real brothers.
6. All the government employees desirous for admission shall obtained NOC from the competent authorities.
7. Shop Assistants and attendants are allowed to apply in 2nd shift on normal fee subject to fulfilment of admission criteria of DAE.

8. Reserved categories shall apply directly to the Principal of institute before closing date.

6.6 Reserved Seats:

1. Candidates from other provinces shall apply through their respective Technical Education & Vocational Training Authority (TEVTA'S).
2. The following categories shall apply through offices mentioned against each:
 - i. **Armed Forces:** Adjutant General, GHQ Rawalpindi
 - ii. **FATA:** Dy. Secretary Home & TAs Department Government of Khyber Pakhtunkhwa
 - iii. **AJK:** Secretary Nomination Board Government of Azad Jammu and Kashmir
 - iv. **Northern Areas:** Director Education Northern Areas Gilgit Baltistan.
 - v. **Afghan Refugees:** Secretary Education Ministry Of Education Islamabad.
3. Nomination/Admission to the above categories should be completed up to the start of the session. Extension of one month may be granted in special cases, after which no admission shall be allowed, otherwise the quota seats shall be converted to merit seats.
4. The nominated candidates from the other provinces shall provide their verified S.S.C. DMCs from their concern boards.
5. Candidates seeking admission against sports quota shall submit sports certificates in addition to secondary school certificate.

6.7 Other Important Instructions

- i. Admission is strictly made on merit basis;
- ii. Seat left vacant in any category shall be filled through open merit;
- iii. Promotion forms shall be provided by the students being promoted to higher classes;
- iv. Promotion fee shall be realized within a period of one month. In case of default notices shall be served to the students and parents. A fine of Rs. 10/- per day shall be imposed on student and might be struck off from roll of college;
- v. Admission to Vocational/G-II candidates shall be granted in accordance to their trades
- vi. 2% quota for TSC/G-II pass out is reserved. TSC pass out students also eligible for admission in any technology against the open merit seats while G-II pass out candidate will be admitted in the relevant discipline on reserved quota.
- vii. 2% quota is reserved for Persons with Disabilities (PWDS) subject to the suitability of the candidate for the desired technology and production of disability certificate from Social Welfare, Special Education and Women Empowerment Department. College dues will be waived off for special persons.
- viii. A seat falling vacant in any Technology in DAE, after the completion of admission process, will be filled either from the waiting list of candidates or from those candidates who have submitted their admission forms in time but have not taken admission in any technology due to any reason.

6.8 Merit List

- Provisional merit list shall be prepared and displayed on college notice board before three days of displaying of final merit list for addressing complaints by the candidates;
- Final merit list and dates of interview (Schedule) shall be displayed on the college notice board and no separate call letters shall be issued to candidates;
- 10 marks per year shall be deducted from candidates passed before annual examination 2023;
- 20 marks shall be added to Hafiz-e- Quran on production of Hifz Certificate from a registered madrasa plus passing of Hifz test;

- When two candidates have same marks in SSC/TSC or G-II, preference shall be given to candidate who have some additional technical trade certificate from EEP/GTVC, otherwise to the elder one

6.9 Interview

- Selected candidates must be present with parents/guardians on the date and time of interview scheduled by the college;
- Candidates must bring original documents for verification on the date of interview;
- Candidates must bring approved fee and deposit fee on the same day otherwise their admission shall be treated as cancelled and the next candidate on merit shall be entertained;
- If a candidate standing in merit comes late, or remains absent on the date/time of interview, he himself shall be held responsible for loosing choice of Technology, however, he can be admitted in any other technology of his choice; provided that seats are available in that technology; and
- Technology once allotted shall be final.

6.10 Migration Policy

- The admitted students shall submit migration certificate from relevant board of intermediate and secondary education within 15 days after the date of admission;
- Migration from public to private or vice versa is also not allowed; provided that Khyber Pakhtunkhwa Board of Technical Education relax its migration policy;
- Migration of students admitted on reserved seats are not allowed.

6.11 Refund Policy on cancellation of Admission:

In case admission of a candidates is cancelled upon his own request then, the following policy shall be applicable;

1. 100% Admission Fee shall be refunded before the commencement of classes.
2. 50% Admission Fee shall be refunded within 15 days of commencement of classes.
3. No refund shall be made after 15 days of commencement of classes.

Chapter 7 Students Conduct and Discipline Act

7.1 General Instruction for Student

The college administration expects from every student to manifest the sense of responsibility inside & outside the institute as in exemplary student, it will be addition to honor, dignity & majesty of the institute. Student's must be regular & punctual, and follower of law and order in the institute. They must follow orders/instructions displayed on the notice board and must not show their slackness, heedlessness, impertinence. The defaulter may be expelled from the institute by the institute management under code of conduct of Rules and Regulations.

Title

These regulations are framed under the "Act 1989" of the Government of Khyber Pakhtunkhwa.

7.2 Applicability and Commencement:

These regulations shall apply to all students on the roll of universities/teaching institutions including Government College of Technology, Peshawar and come in to force with immediate effect.

7.3 Students Code of Honour

Every student shall observe the following code of conduct;

- a. Faithfulness in his religious duties and respect for convictions of others in the matter of religion, conscience and custom;
- b. Loyalty to Pakistan and refraining from doing anything, which might lower its honor and prestige in any way;
- c. Truthfulness and honest in dealing with other people;
- d. Respect for the elders and politeness to all especially women, children, old people, weak, deformed and the helpless;
- e. Respects for his teachers and others in the authority;
- f. Cleanliness of body, mind, speech and habits;
- g. Helpfulness to fellow beings;
- h. Devotion to studies and sports; and
- i. Protection of Government and Public property.

7.4 Action against misconduct

Each member of the teaching staff shall have power to check any disorderly or improper conduct of or any breach of regulations by students in any part of the institute campus. If such misconduct occurs in a classroom when a student is under the charge of a teacher, he may impose a fine of Rs. 100/- and may require the student to leave the classroom. Report the matter immediately to the Principal/Head of Department for further disciplinary action.

The Librarian shall be responsible for maintenance of order in the library. In case, if any disorderly conduct or any breach of Regulations, he may direct the offender to leave the library immediately or if the later deserve severe punishment; he may be penalized Rs. 100/- or report to the Principal.

The Director Sports shall be responsible for maintenance of order among the students on or near playgrounds or under his charge.

7.5 Prohibited Acts

1. Smoking is completely prohibited in the college premises workshop, library and examination hall.
2. The use/carry of alcoholic drinks or other intoxicating drugs, within the institute and outside the institute during tours, surveys and other sports tours are not allowed. Deterrent action will be taken against the defaulters.
3. Organizing political function or taking part in the same within college or organizing club or society to the students or student associations, unions and federations except in accordance with the prescribed rules and regulations.
4. Collecting any money or receiving funds or pecuniary assistance for or on behalf of the college is not allowed except with the written permission of the Principal.
5. Staging, inciting or participating in any walk-out, strike or other form of agitation against the institute or its teacher or officers inciting anyone to violence, disturbance of the peaceful atmosphere of the institute in any way making provocative speeches or gestures which may cause resentment, issuing pamphlets or cartoons casting aspersions on the teacher or staff of the institute or institute bodies or doing anything in any way likely to lowering the prestige of the institute or writing and pasting posters on the walls.

6. Bringing, carrying and keeping of firearms or any other weapons (of any nature/type) forbidden by law within the college, classrooms, and offices are not allowed.
7. Causing damage to institute property or government/public property will liable the students to take disciplinary action against them; and
8. Use of loudspeakers, megaphones, decks in the institute & mobile phone during lecture time in the classrooms are.

7.6 Acts of indiscipline

A student who:

- a. Commits a breach of Rules or Regulations;
- b. Disobeys the lawful order of teachers or high authority in the college;
- c. Habitually neglects his work or habitually absents himself from his class without valid reason;
- d. Willfully damages institute public property or other property of a fellow student or any teacher of any employee of the institute;
- e. Does not pay fees, fines or others dues payable, under the Institute Regulations and Rules; or
- f. Uses indecent language, wears immodest dress, makes indecent remarks or gestures, or behaves in disorderly manner, or commits any criminal, immoral, dishonorable act (whether committed within the institute or outside) or any act which prejudicial to the interest of the institute shall be guilty of an act of indiscipline which will be followed by an exemplary punishment.



7.7 The penalties, which may be imposed by the authorities competent to impose each kind of penalty, are specified below:

S#	Penalty	Authority Competent to impose
a.	Removal from classroom, Library, Workshop, or Fieldwork.	Teacher In-charge, Librarian, Director Sports
b.	Withdrawal from Games or the field for not more than 1 week	In-charge of the games
c.	Withdrawal from Education or sports Tour	Head of Department/Teacher In-charge
d.	Removal from the department for a period not exceeding two years	College Council
e.	Suspension from all classes or any class in any Department for a period not exceeding two weeks	Principal
f.	Withdrawal from library not more than two weeks	Librarian
g.	Fine not exceeding Rs.100/-	Teacher, workshop Staff, or Librarian
h.	Fine not exceeding Rs.200/-	Chief Proctor/HOD
i.	Fine exceeding Rs.200/-	Principal
J.	Removal from sports	Director Sports
k.	Rustication for one academic year	Principal

Note: On the recommendations and approval of competent forum, the Principal or concerned HOD shall notify the penalty otherwise shall be treated as void.

7.8 Procedures in case of breach of Discipline

Teacher or personnel mentioned in regulation also in whose presence or in relation to whom an act of indiscipline/offence has been committed or who obtains knowledge of such act may deal with the case himself, for if in his view;

- I. The case is one which can be more appropriately dealt with by another authority; or
- II. A penalty severer than that he is competent to impose is called for in the case.

7.9 Rustication

- a. The Principal may rusticate a student's for committing misconduct or gross breach of discipline. Rustication whenever imposed on institute student shall mean the loss of one academic year so far, his appearance in Board examination is concerned. The rusticated student may be admitted in the same class in the next academic year at the discretion of the Principal, or as the case may be;
- b. No fee shall be charged from a rusticated student for the month during which his name was struck off from the roll of institute.

7.10 Expulsion

- a. The Principal may expel a student for misconduct or gross breach of discipline on the recommendations and approval of the council for a period not exceeding two years;
- b. The period of expulsion shall be counted from the date of issue of such orders by the Principal;
- c. Name of expelled student shall be removed from roll of the institute and no fee shall be charged from him for subsequent months;
- d. A student expelled from the institute may be re-admitted in the institute in the same year after the expiry of expulsion period; and
- e. Cases of expulsion shall be registered and notified by the Principal with a copy to all concerned.

7.11 General

The Principal may revise the notification of rustication on the recommendations and approval of the council, for which the accused has to file appeal before the council. In case of expulsion, the accused has to file appeal for review of decision before the council.

The authority, which has the powers to notify rustication or expulsion as the case may be, has the powers to withdraw the same orders after recommendations of the competent authority. No students shall be rusticated or expelled from the institute unless and until he has been charge-sheeted and allowed an opportunity of defense to the charges leveled against him.

When in the opinion of the authority, the penalty of rustication or expulsion is not called for in a case referred to, it may impose any other penalty or penalties mentioned in Regulations.

7.12 Appeal

- a. An appeal or review appeal against the punishment of rustication or expulsion as the case may be shall lie to the council;
- b. Decision of the council shall be on merit and empowered to reverse the decision taken by the authority;
- c. An appeal on the grounds that an authority has imposed a penalty for which it was not competent to impose penalty or the decision taken by the authority was against regulations;
- d. No appeal or review by a student under Regulations shall be entertained unless it is presented within 30 days from the date on which the decision is communicated to him.

7.13 Compensation for Loss

The Principal or any official to whom the powers has been delegated by the Principal may direct a student for compensation of any loss or damage to property belonging to the institute or fellow student or employee of the institute caused by a willful act or gross negligence of the student within the institute campus. The Principal may expel him from the institute and case shall be filed against him in the competent court of law for recovery of losses or damages.

7.14 Principal Emergency Powers

The Principal may, in case of any emergency expelled students from the roll of institute; provided that the decision taken by him shall be validated from the council otherwise shall be treated void.

7.15 General

- a. The Principal may constitute a discipline committee on case to case basis and refer cases to the committee for assistance of the Principal;
- b. This code of conduct shall repeal all previous regulations pertaining to rustication or expulsion or any other instructions relating to the maintenance of discipline among the students.

7.16 Leave

The students must take prior permission from their respective HOD in case of leave. Emergency leave can be granted afterward on proper grounds. Sick leave may have a medical certificate from a medical officer of government hospitals/dispensary.

7.17 Students Uniform

The college has the following approved uniform:

S.#	Dress	Summer	Winter
01	Pant	Grey	Grey
02	Shirt	Navy Blue	Navy Blue
03	Boot	Black	Black
04	Socks	Black	Black
05	Sweater	-	Blue-Black
06	Coat	-	Blue-Black
07	Tie	Optional	Optional



All the students are required to be in proper uniform according to season, otherwise, shall not be allowed in the institute premises. In case of violation, the Chief Proctor or Class Teacher or HOD concerned may impose penalty delegated to him under the institute regulations mentioned above.

7.18 Student Identity Card

The students are required to display institute identity card issued by the institute. If any student does not comply, he shall be fined by the Chief Proctor or Class Teacher or HOD to the tune of Rs. 50/- each. However, students working in mechanical workshops are exempted from displaying ID. In case of loss of card, the institute shall provide a duplicate card on payment of Rs. 200/-. The ID shall be returned to the Institute administration at the time of clearance, otherwise security shall be forfeited.

7.19 Fee Concession

Every year 10 % students of the total strength of students are allowed fee concession in tuition fee only for deserving students nominated by their respective department. Brother concession is also allowed as per government rules.

7.20 Class Attendance

Every student is required to be present in the class daily. If any student remained continuously absent from six (6) classes without permission, his name shall be struck off from the roll of institute.

Re-admission is allowed within 15 days on the payment of Rs. 1000/- for 1st time and Rs. 2000/- for the second time, whereas 3rd time re-admission is not allowed. After that he shall be removed from the roll of institute.

A student shall be allowed to sit in the Board examination on aggregate of 75 % attendance. 10 percent relaxation is allowed on medical ground on the production of medical documents. The attendance is counted from the commencement of academic session till 30 days before the start of Board examination.

50% fee shall be charged in case of repeat the year

Chapter 8 Fee Structure

8.1 Regular Morning Shift

S.#	Classification/Head of Account	Rate (Rs)
A	Board of Technical Education Dues	
1	Board registration fee (once)	803/- or revised
2	Board diploma fee (once)	440/- or revised
3	Sports fee	473/- or revised
4	Total (A)	1716/-
B	Government Dues	
1	Admission fee (once)	200 (once) or revised
2	Tuition fee	500/- PA or revised
	Total (B)	700/-
C	Student's Welfare Fund	
1	Medical fee	200/- P.A
2	Society fee	200/-
4	Identity card fee	150/- Once
5	Security (Refundable)	1,000/-
6	DMC verification fee	500/-
7	Mosque Fund	300
8	Other Miscellaneous	2,690/-
	Total Miscellaneous Dues (C)	5,044/-
	Grand Total Fee (A+B+C)	7,460/-
D	Re-admission Fee	
1	1 st chance	1000/-
2	2 nd chance	2000/-
E	Duplicate Identity Card	200/-
F	Second Shift Fee	16,900/-
G	Diploma in Information Technology (DIT) Fee	
	1 st Semester including Board and Government Fee	8,000/-
	2 nd Semester	6,000/-

8.2 Hostel Fee/ Fund

S. #	Hostel Dues	Rate (Rs)
01	Hostel Rent	500/-
02	Service Charges	2400/-
03	Crockery Fund (Once)	500/-
04	Hostel Security (Refundable)	1, 000/-
05	Mess Advance (Once)	3, 000/-
06	Electricity /Gas Charges Advance	5, 000/-
Total		10, 750/-

Note: - Disabled Persons shall be charged Board dues only, rest exempted in case of admission in morning shift.

8.3 Second Shift/“No Profit No Loss Program”

The college also run approved DAE programs in the evening/second shift on “No Profit No Loss Basis”. All the facilities available in the institute are utilized for imparting training to the students of second shift program like regular morning shift.

Second shift program was introduced in Public sector institutions in order to provide quality education and training as compared to private sector institutions and also optimum utilization of the available resources.

Since 2004, second shift program has been introduced in the college as such enhanced technician according to the demands of public. The program is running on self-finance basis without expending a single penny of the public exchequer.

8.4 Diploma in Information Technology (DIT)

The institute also offers one-year DIT program consisting of two semesters in addition to regular DAE programs. Candidates having Secondary School Certificate are eligible to seek admission in DIT program. The pass-out have ample opportunities to seek ministerial nature of jobs both in the public and private sectors. The fee charged is reasonable as compared to outcomes of the program.

Chapter 9

Khyber Pakhtunkhwa Board of Technical Education Assessment & Promotion Rules

9.1 General

The diploma of associate engineer 1st year and 2nd year examination will be held once a year but 3rd year examinations will be held twice a year on annual basis on such dates and places as determined by the board from time to time and will be opened to those candidates who are eligible to appear in these examinations under the rules. The only one examination for 1st year students and one for 2nd year students will be termed as annual examination of the year. The 2nd examination of the 3rd year after the appearance in 3rd year annual examination will be termed as supplementary examination. However, as per new policy a student who did not succeeded even to pass two subjects in his annual examination will not be promoted to his next year class & such students will repeat the year on payment of 50% dues. No supplementary examination shall be held for 1st year and 2nd year class of a candidate when he is on the roll of an institute.

For eligibility to appear in the examination, a candidate must have been:

1. Duly enrolled in an institution affiliated with the board.
2. Registered with the board by the dates fixed by the board.
3. Fulfilled the attendance requirements as laid down in rules.
4. Satisfied the principal of the institution of his/her conduct.
5. Satisfied the principal about his/her satisfaction performance in the prescribed courses of study in the term of assessment rules for institution examination.

One contact hour of theory or three contact hours of practical carry one credit of 50 marks.

Note: - The practical training will be considered as an independent course having no theory component for the purpose of attendance, assessment and promotion rules.

9.2 Assessment Rules

In order to pass theory component, a student must obtain at least 40% marks and to pass Practical component, a student must obtain 50% marks in session and final parts of the component/training aggregate. In order to pass a course, it will be necessary to pass in theory and practical component of that course separately. A candidate who has passed either theory or practical component will not be required to appear in that component. Distribution of marks for the Practical component/ training will be as under:

9.3 Sessional Marks

40% marks will be assigned to the work done during the session including operations, jobs, practical notebooks, internal tests etc. The marks will be duly vetted by the Head of Department and Principal of the institution.

Final Part: 60% marks will be assigned to the final practical examination to be conducted by the Board for evaluation of these 60% marks. The practical subjects are divided into 2 groups i.e. Workshop group called Category "A" and Laboratory group called Category "B".

Note: - Final practical examination will be conducted by an external examiner (to be appointed by the Board), and an internal examiner (to be deputed by the principal of the institution), who will assist the external examiner in the conduct of practical examination, and will incorporate internal awarded marks in the joint award list.

Absence for what so ever reason from the examination as a whole or, a part thereof, will be considered as failure in the examination of the relevant course or courses.

According to the new mode of examination system, category A subjects shall be 100% evaluated internally under monitoring of the regional committees appointed by KP BTE. For category B subjects; the internal examiners shall award 40% marks while an External Examiner appointed by the BTE shall award 60% marks.

9.4 1st Year Class Promotion Rules

The candidate, who appears in 1st year examination and is promoted to 2nd year without waiting for the result of 1st year examination. A candidate who either passed or failed in any subject or part of a subject in the theory or practical of a subject/subjects in 1st year examination, shall continue his studies in 2nd year class.

A candidate, who appears in 1st year examination and is promoted to 2nd year class under above rules shall not be subsequently demoted or readmitted in 1st year class under any circumstances. However, no candidate, who appears in 2nd year Annual examination alone or together with the failing subjects of 1st year class, be promoted to 3rd year without having to wait for the result of 2nd year examination. A candidate who either passed or failed

in any subjects or part of a subject (theory/practical of a subject or subjects) of his 2nd year examination taken above or along with his studies in 3rd year class.

A candidate who appears in 2nd year examination and who is promoted to 3rd year class under above rule shall not be subsequently demoted or readmitted in 1st year class under any circumstances. However, no candidate will be eligible to appear again in 2nd year examination except as otherwise provided in the rules.

To qualify for the DAE (Diploma) a candidate shall be provided with a maximum of seven consecutive opportunities which will commence from the examination in which the candidate had to appear for the 1st time in 3rd year examination or 1st year, 2nd year taken together. A candidate who passed the DAE examination shall be eligible to improve his result in one opportunity in the KP BTE by appearing as a private candidate either in 1st year, 2nd year or 3rd year or in a combination of years in the same course / course (theory portion only) within a period of two consecutive chance after passing his 3rd year examination and before appearing in any higher examination, held by Board or university in the syllabus enforced.

Note: The rules and regulations of conduct of Board examinations are available on the web site of Khyber Pakhtunkhwa, Board of Technical Education, Peshawar. Board has the mandate to revise any regulation, as such the revised regulations shall be applicable on all students across the board.

9.5 Admission to another Technology

After having qualified for the award of Diploma of Associate Engineer in one technology, admission for second Diploma in other technology is not allowed.





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