



IQRA COLLEGE OF TECHNOLOGY & SKILLS (ICT&S)

PROSPECTUS

**Diploma of Associate Engineer
(DAE)**



INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD







ISLAMABAD THE BEAUTIFUL

The capital of Pakistan, is situated against the backdrop of magnificent Margalla Hills at the northern edge of potohar plateau, lush green, spacious and peaceful, Islamabad is reckoned as one of the most beautiful and well planned cities in the world.

The City came into life with the decision of making it the capital, besides government offices, Embassies, Multinational Corporations and institutions, Islamabad has many attractions for visitors. Margalla Hills provide best opportunities for hiking and trekking, Pir Sohawa, a beautiful place at the top of hills, gives everyone a good time walking and eating while taking the views of beautiful city, museums like Islamabad Museum, Natural History Museum and Lok Virsa are there to educate the interested peoples about history and culture of the region.

Islamabad city, a quiet and adventurous, may feel that something is wanting, but its sincerity along-with its scenery is something no one fails to notice and appreciate. The scenery is spectacular and breathtaking with lovely mountains and green gardens.

WEATHER

Islamabad's weather is pleasant; its excellent during Spring and Autumn and relatively hot and cold during Summer and 0-20 Degree centigrade during winter.

UNIVERSITY AT A GLANCE

- The University was established in 1401 A.H (1980 A.D) and was awarded charter in 1985 through an Act of Parliament.
- The President of Islamic Republic of Pakistan is the Chancellor of the University.
- Professor Dr. Ahmad Salem M. Al-Ameri is the Pro-Chancellor of the University.
- 44 eminent scholars from 11 countries constitute the Board of Trustees.
- University has Nine (9) teaching faculties, forty-five (45) departments and 123 degree programs.
- The enrollment of the University over 30,000 students including 1500 foreign students coming from around 30 countries of the world.
- Exclusive campus for female students with enrollment of over 15,000.
- Biggest University of the Potohar region.
- New campus spread over 704 acres of land in Sector H-10, Islamabad.
- University has a unique and magnificent architectural design, based on Islamic tradition, spacious air-conditioned lecture rooms, modern auditoriums, seminar rooms, and fully equipped labs with latest Hardware/Software facilities.
- Four Major Libraries: Central Library, IRI, Shariah Academy and Dawah Academy Libraries having combined collection of over 0.3 million books. In addition to journals and periodicals etc.
- The University has a fleet of around 70 buses to provide transportation facility to male and female students separately all over Islamabad, Rawalpindi and Taxila areas.
- Three Medical Centers and a pathology laboratory.
- Continued expansion in the fields of Islamic, Social, Natural, Management and Engineering Sciences.



VISION

To provide every opportunity for an all round and harmonious development of individuals and society and reconstruction of human thought in all its forms on the foundations of Islam in order to encourage and promote education, training the research in Islamic learning, social, natural, applied and communication sciences and other branches of learning to ensure the Muslim Ummah's ideological, moral, intellectual, social, economic and technological development in accordance with the values, ideas, principles and norms of Islam.

To optimize integration and Islamization of the contemporary knowledge and human thought in international perspective through established institutions and academic endeavors to achieve excellence in all branches of knowledge.



Dr Arif Alvi

President of Pakistan / Chancellor, IIUI



Prof. Dr. Masoom Yasinzaï
Rector



Prof. Dr. Ahmad Salem Muhammad Al-Ameri
Pro-Chancellor



Prof. Dr. Hathal Bin Homoud Alotaibi
President



Prof. Dr. Ayaz Afsar
Vice President (Academics)



Prof. Dr. Nabi Bux Jumani
Vice President (AF&P)



Prof. Dr. Ahmed Shuja Syed
Vice President (HSR)

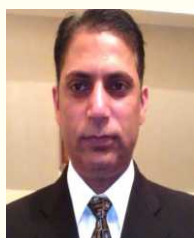




MISSION

1. To establish new faculties, departments, Centres, units and cells and strengthen the existing faculties, institutes, academics and Centres in order to ensure diversification and deeper specialization in the relevant areas and to promote higher learning, research and training in various branches and specializations falling under the purview of the concerned faculties, institutes, academies or Centres.
2. To develop a faculty committed to the cause, vision and mission of the University on the one hand and responsive to the requirements, professional competence and an enhanced Islamic understanding on the other.
3. To develop Centres of expertise, research and consultancy in the fields of Islamic Law, Islamic Economics and Banking, Islamic Finance, Information Technology and Engineering and Technology.
4. To develop a nerve centre of higher Islamic education in Pakistan affiliation of leading institutions of Islamic education, establishment of regional campuses and Centres, and coordination with eminent personalities working in the fields of Islamic education, research, instruction and training.
 - Devising ways and means to develop Islamic personality, building model Islamic behaviour and conduct, inculcating Islamic values;
 - Making arrangements for proper dissemination of results of research, through publication and other media of communication; and
 - Opening its doors to all without any discrimination of caste, creed, colour, race, religion or gender.

PRINCIPAL'S MESSAGE



Dear Young Technologists, Welcome to Iqra College of Technology & Skills (ICT&S), International Islamic University (IIU), Islamabad. Development of Emerging Technologies in today's life is becoming a focal point for economic, industrial, agricultural, social and even political development of any country. In today's world, almost every day-to-day activity is primarily dependent on a variety of technologies. So everyone needs to seek the basic knowledge of technologies and there must be a young cross-section of population, who must have an in-depth knowledge and hands on experience of classical and emerging technologies. I suggest you to study in ICT&S and obtain technological knowledge and expertise and cater the needs of the country vis-à-vis earn the livelihood and employment. At ICT&S, we are working hard to develop the technological competency as well as the character of our young students, who are the future leaders of technology in the world of work. I assure you that with your support and the dedication and commitment of our teaching and administrative team at ICT&S, very soon we together will achieve the best academic and administrative levels for which our journey at ICT&S started in 1995 and now moving forward and achieving the set goals/objectives of college. I wish the best for the young entrants of the current session in DAE at ICT&S, IIU. Stay blessed and happy. My advice to you is to "try to find your inner voice", "remain loyal to yourself and your Creator, Allah Almighty", "Respect your parents, teachers and love your country". Pakistan Zindabad.

INTRODUCTION

The foundation of the University was laid on the first day of the 15th Hijrah Century, Muharram 1, 1401 (November 11, 1980). This landmark of the beginning of the new century symbolizes the aspirations and hopes of the Muslim Ummah for an Islamic renaissance. The desire to produce scholars and practitioners, imbued with Islamic learning, character and personality, and capable to meet the economic, social, political and intellectual needs of modern times is the aim of this University.

The University started as "Islamic University" with only 9 students in its LL.M degree Program and classes being held at the Campus of Quaid-i-Azam University, Islamabad. The University was upgraded, restructured and reconstituted as "International Islamic University" with the promulgation of the International Islamic University Ordinance by the President of the Islamic Republic of Pakistan in March, 1985.

Presently, The University has Nine (9) teaching faculties, forty-five (45) departments and 123 degree programs and (6) autonomous academies, institutes and centers. The enrollment of the University is over 30,000 students including 1500 foreign students coming from around 30 countries; and over 15,000 female students. In addition, around 2,000 students are enrolled in various DAE technology programs at Iqra College of Technology & Skills, a constituent unit of the University.



LOCATION

The new campus is located at sector H-10 of Islamabad and is fast taking shape as a symbol of Islamic Architecture. Its 704 acre land provides ample scope of future expansion including housing for employees: new hostels and sports facilities for students. Most teaching faculty offices, academic blocks, central library building, and a large number of students hostels are located on this campus.

The old campus is located around the Faisal Masjid in Islamabad (46 Acres). The campus houses a number of research institutes and academies including Islamic Research Institute, Iqbal Institute for Research & Dialogue, Shariah Academy and Dawah Academy. In addition, Dr. Hamidullah Library, a Six hundred seat Auditorium, 2500 students' capacity hostel, and a special guesthouse are also stationed on this campus.





MANAGEMENT OF THE UNIVERSITY

Names	Position
Prof. Dr. Ahmad Salem Muhammad Al-Ameri	Pro Chancellor IIU
Prof. Dr. Masoom Yasinza	Rector
Prof. Dr. Hathal Bin Homoud Alotaibi	President
Prof. Dr. Ayaz Afsar	Vice President (Academics)
Prof. Dr. Ahmed Shuja Syed	Vice President (HS&R)
Prof. Dr. Nabi Bux Jumani	Vice President (AF&P)
Mr. Noor Hussain	Director (Finance)
Dr. Muhammad Akram	Principal (ICT&S)
Dr. Mahmood-ul-Hassan	Deputy Director (A&F) (ICT&S)

IQRA COLLEGE OF TECHNOLOGY & SKILLS

Iqra College of Technology & Skills is a constituent unit of International Islamic University, Islamabad, situated in Sector H-10/4, Islamabad. It started functioning in the year 1995. In the beginning the College offered short term technical courses of different durations in various trades. Later on, in 2003, admissions to 03 years Diploma of Associate Engineer (DAE) programs were offered in various technologies i.e. Computer Information Technology, Electronics Technology, Electrical Technology, Refrigeration & Air Conditioning Technology, Auto & Diesel Technology, Mechanical Technology Civil Technology and Architecture Technology. So far, about 18000 students have graduated from College and serving in renowned national organizations such as PAEC, PTCL, Pakistan Railway, WAPDA, Software houses to mention a few. Currently, about 1200 students are studying in various technology programs.

IIU Business Incubation Center

Business incubation is a business support process that helps speed up the successful development of newly formed and emergent companies by providing entrepreneurs with a selection of pro-active concentrated guidance, value-added support, and access to critical tools, information, coaching/training, networking opportunities, resources and services. These services are especially developed and coordinated by the IIUI-BIC management and offered through its network of contacts. Business incubator's main goal is to produce successful firms that will leave the program financially viable and freestanding. The graduates of IIUI-BICs will have the potential to create jobs, revitalize neighborhoods, commercialize new technologies, and strengthen local and national economies.

Crucial to the definition of a BIC is the provision of management guidance, technical assistance and consulting tailored to the needs of the young growing companies. BICs usually also provide clients access to appropriate rental space and flexible leases, shared basic business services and equipment, technology support services and assistance in obtaining the finance necessary for company growth. All this assistance would be provided by IIUI-BIC at International Islamic University, Islamabad. Ideally, a company would be ready for graduation from IIUI-BIC in 6-18 months.



DAE - 03 YEARS DIPLOMA PROGRAMS

1. Architecture Technology
2. Auto Mobile & Diesel Technology
3. Civil Technology
4. Computer Information Technology
5. Electrical Technology
6. Electronics Technology
7. Mechanical Technology
8. Refrigeration & Air-Conditioning Technology

OBJECTIVES

In order to cater the needs of a common young man, society and to serve the cause of country, Iqra College of Technology & Skills imparts quality education in a competitive environment. The College endeavors to achieve the following salient objectives:

- To ensure provision of skilled and qualified technologists.
- To prepare technologists who could contribute to the industry.
- To provide opportunities for the technologists to build carriers and in their respective fields.
- To meet the growing challenges of technical advancement at national and international levels.
- To equip the students with modern and latest concepts and know-how of the application of technology.
- To maintain quality technical education.
- To develop student's abilities to communicate clearly, rationally and draw conclusions based on a rigorous, analytical and systematic approach to practical problems in the field of technology.





ICT&S TEAM

ADMINISTRATION & FINANCE

Name	Designation	Qualifications
Dr. Muhammad Akram	Principal (ICT&S)	PhD, (Economics)
Dr. Mahmood-ul-Hassan	Deputy Director (Admin & Finance)	PhD, (Computer Sciences)
Engr. Bashir Ahmad	Acting A.D (Acad, Coordination)	M.S (Electrical Engineering)
Mr. Nazir Ahmed	Assistant Director	M.Sc (Eco) B.Ed
Mr. Muhammad Zafar	Superintendent (Accounts)	D.Com.
Mr. Shmas-uz-Zaman	Assistant	F.A
Raja Zamir Akhtar	Assistant (Admin)	B.A
Mr. Hamid Iqbal	Store Keeper	M.A (Urdu)
Mr. Adil Ali	LDC	B.A
Mr. M. Naveed Ullah	LDC	B.A

TEACHING FACULTY

1. DEPARTMENT OF ARCHITECTURE TECHNOLOGY

Name	Designation	Qualifications
Engr. Shah Faisal	Senior Instructor / Incharge	B.Sc(Civil Engineering)
Mr. Muhammad Naeem	Visiting Faculty	DAE (Architecture)
Mr. Nauman Mehmood	Visiting Faculty	DAE (Architecture)

2. DEPARTMENT OF AUTO & DIESEL TECHNOLOGY

Name	Designation	Qualifications
Raja Mubassar Latif	Senior Instructor / Incharge	MS (Electronics Engineering)
Mr. Mazhar Ishaq	Visiting Faculty	DAE Mechanical
Mr. Muhammad Usman	Visiting Faculty	DAE (Auto & Diesel)
Mr. Abdul Haseeb	Visiting Faculty	B.Tech (Hons) Mechanical
Mr. Javed Akhtar	Lab Assistant	DAE(Auto& Diesel)
Mr. Siraj Din	Shop Attendant	Middle

3. DEPARTMENT OF CIVIL TECHNOLOGY

Name	Designation	Qualifications
Engr. Shah Faisal	Senior Instructor / Incharge	B.Sc(Civil Engineering)
Syed Amir Hussain Shah	Junior Instructor	B-Tech (Hons) DAE(Civil)
Mr. Hamza Wajid	Visiting Faculty	B-Tech (Hons) Civil
Mr. Awais Zada	Visiting Faculty	BSC Civil Engineering



4. DEPARTMENT OF COMPUTER INFORMATION TECHNOLOGY

Name	Designation	Qualifications
Mr. Rizwan Haider	Instructor / Incharge	MS(CS)UCP,MS(CE)Sweden.
Mr. Zahid Mehmood	Instructor	DAE (Computer)
Mr. Shahid Mehmood	Instructor	MS(CS)
Mr. Sohail Amin Baig	Junior Instructor	MIT
Mr. Ahsan Raza	Visiting Faculty	DAE (Computer Sciences)

5. DEPARTMENT OF ELECTRICAL TECHNOLOGY

Name	Designation	Qualifications
Raja Mubassar Latif	Senior Instructor / Incharge	MS (Electronics Engineering)
Mr. Muhammad Irfan	Instructor	DAE, B Tech (Hons) Electrical
Mr. Tanveer Abbas	Instructor	DAE (Electrical)
Mr. Hazrat Yousaf	Instructor	B-Tech (Hons) Electrical
Mr. Waseem Muhammad	Visiting Faculty	B-Tech (Hons) Electrical
Mr. Muhammad Nawaz	Lab Assistant	Matric / Certificate
Mr. Muhammad Shahzad	Electrician	Middle
Mr. Atta Ur Rehman	Shop Attendant	Matric
Mr. Muhammad Zubair	Naib Qasid / Assistant Store Keeper	F.A

6. DEPARTMENT OF ELECTRONICS TECHNOLOGY

Name	Designation	Qualifications
Raja Mubassar Latif	Senior Instructor / Incharge	MS (Electronics Engineering)
Mr. Adnan Ahmed Shah	Visiting Faculty	B-Tech (Hons) Electrical
Mr. Muhammad Sohail	Visiting Faculty	B-Tech (Hons) Electrical
Mr. M. Abdullah Umair	Visiting Faculty	BS Electrical Engineering
Mr. Muhammad Qasim	Visiting Faculty	BS Electrical Engineering
Engr. Zubair Ibrahim	Visiting Faculty	MS Electrical Engineering
Mr. Kashif Raza	Lab Assistant	Matric / Certificate

7. DEPARTMENT OF RAC TECHNOLOGY

Name	Designation	Qualifications
Raja Mubassar Latif	Senior Instructor / Incharge	MS (Electronics Engineering)
Mr. Haroon	Visiting Faculty	DAE (RAC)
Mr. Muhammad Ali	Visiting Faculty	DAE (RAC)
Mr. Tanveer Anwar	Lab Assistant	DAE (RAC)
Mr. Muhammad Azam	Shop Attendant / Store Keeper	School Certificate / RAC Certificate



8. DEPARTMENT OF MECHANICAL TECHNOLOGY

Name	Designation	Qualifications
Mr. Humayun Khan	Instructor / Incharge	M.S (Management Sciences)
Mr. Khaleeq Ahmed	Junior Instructor	DAE (Wood Work)
Mr. Khurram Shahzad	Visiting Faculty	BS Mechanical
Mr. Shahid Iqbal	Visiting Faculty	MS Mechanical
Mr. Anis Ahmad	Visiting Faculty	BS Mechanical
Mr. Muhammad Umair	Visiting Faculty	B-Tech (Hons) Mechanical
Mr. Khalil Akram	Visiting Faculty	BS Mechanical
Mr. Muhammad Arsalan	Visiting Faculty	MS Mechanical
Mr. Abdul Haseeb	Visiting Faculty	BS Physics
Mr. Nafees Shoukat	Lab Assistant	B.S (Urdu Lit.), Certificate (GII)
Mr. Ghulam Adil	Lab Assistant	Matric / Certificate 1 Year
Mr. Imran	Shop Attendant (Welding)	Matric / Certificate (G II)

9. DEPARTMENT OF ALLIED SUBJECTS

Name	Designation	Qualifications
Mr. Khan Zeb	Instructor / Incharge	MS (English)
Dr. Hayat Ullah	Junior Instructor	PhD (Islamic Studies)
Mr. Iftikhar Yousafzai	Visiting Faculty	MS Economics
Mr. Zar Nabi Khan	Visiting Faculty	MS Math
Mr. Imtiaz Ali Shah	Visiting Faculty	MS Math
Mr. WaliUllah Mahboob	Visiting Faculty	MS Electrical
Mr. Inam Ullah	Visiting Faculty	MS Bio Technology
Mr. Ahmar Ali	Visiting Faculty	BS Physics
Mr. Khurram Shahzad	Lab Assistant	B.A / 2 Years Certificate

FEE STRUCTURE

	1st Year	2nd Year	3rd Year
College Fee	49,795/-	46,843/-	46,843/-
Board Fee	3,865/-	-----	-----
Total	53,660/-	46,843/-	46,843/-
Total Fee for Three Years: 147,346/-			

GENERAL ELIGIBILITY & MERIT CRITERIA

- Matric (Science Group) with at least 40% marks. The merit for admission will be determined on the basis of marks obtained test / interview in the following subjects. English, Physics, Mathematics, Chemistry
- Admission shall be provisional unless the original verified copy of matric DMC & Migration Certificate from concerned BISE is provided and after issuance of registration number from Khyber Pakhtunkhwa Board of Technical Education, Peshawar.
- A medical fitness certificate of candidate duly verified by a Medical Officer of any Government Hospital is required along-with the Admission Form.



HOW TO APPLY

1. Prospectus and Admission forms can be obtained from Iqra College of Technology & Skills, Sector H-10/4, Islamabad from 9:00AM to 2:00PM or by post. Prospectus price is Rs.1000/- and by post is Rs. 1200/-
2. In case of postage of prospectus please furnish bank draft or postal order in the name of Principal, ICT&S.
3. Test / Interview are to be conducted and required documents to be provided (list given below).
4. After passing the test / Interview a provisional admission letter will be issued along with a fee challan form given one week to deposit the fee.
5. Joining form along with following documents:
 - i. Verified copy of final DMC (Matric Marks Sheet)
 - ii. Migration certificate from Previous Board (Students who passed from KPK Board are exempted to submit migration certificate.

REQUIRED DOCUMENTS

Candidates are required to attach the following attested documents with the admission forms:

Description of Documents	Required No. of Copies
Original verified copy of Matric Certificate from Concerned BISE	Original + 1 Copy
Original Migration Certificate / NOC from Concerned BISE	Original + 1 Copy
Character Certificate from the last institution attended	1
Father's / Guardian NIC	1
Student's recent photographs (Passport size)	4
Medical Fitness Certificate Issued by Medical Officer of any Government Hospital	1
Undertaking on Rs. 10/- Stamp paper (Specimen attached at the end)	1

- The above mentioned documents will be provided by the student on day of test / interview along with admission form in ICT

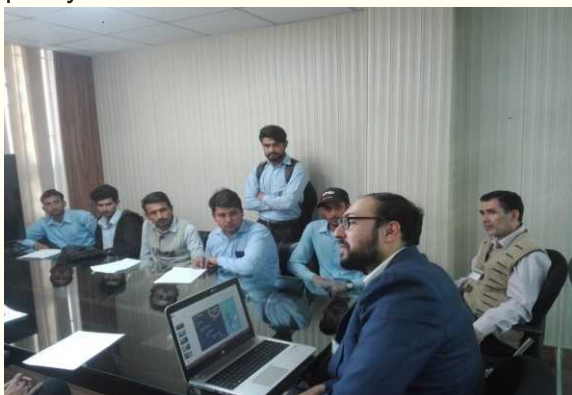
INSTRUCTIONS

Candidates will be required to submit above documents within 15 (fifteen) days from the date of joining while a fine of Rs100/- per day will be imposed.

Candidates can change the technology within 15 days from date of joining subject to availability of seats in desired technology.

RESULT AWAITED STUDENTS

Result awaited students can also apply. However, in case they fail to acquire requisite criteria i.e. 40% marks in Matric with Science subjects, they will be refunded fee as per the approved policy of IIU.





TOP POSITION HOLDERS IN KPK BOARD EXAM SESSION 2020

COMPUTER INFORMATION TECHNOLOGY



Roll No: 353419
Name: Ali Ayaz
%age: 82.00



AUTO & DIESEL TECHNOLOGY



Roll No: 349720
Name: Anab-ur-Rehman
%age: 72.48



TOP POSITION HOLDERS IN KPK BOARD EXAM SESSION 2019

AUTO & DIESEL TECHNOLOGY



Roll No: 390907
Name: Talha Tanvir Iqbal
%age: 84.62



TOP POSITION HOLDERS IN KPK BOARD EXAM SESSION 2018

COMPUTER INFORMATION TECHNOLOGY



Roll No: 441214
Name: Abdul Salam
%age: 84.39



AUTO & DIESEL TECHNOLOGY



Roll No: 437222
Name: Naqeeb Ur Rehman
%age: 82.00



REFRIGERATION & AIR CONDITION TECHNOLOGY



Roll No: 435658
Name: Abdul Rehman
%age: 85.19





ATTENDANCE CRITERIA

- All students must secure 80% attendance of prescribed lectures and practicev independently, in order to be eligible to appear in the final examination.
- The Principal may condone a maximum of 10% shortage of attendance on the basis of medical grounds / genuine reasons produced before him for his satisfaction.
- Attendance is counted on the basis of total number of contact hours, both in theory and practical, for which the classes actually hold during an academic session.

CURRICULUM

The scheme of studies duly approved by Khyber PakhtunKhwa Board of Technical Education, Peshawar shall be implemented.

DURATION

DAE programs of 03 years duration shall be conducted on Annual System

CODE OF CONDUCT

- Students shall be required to abide by the prescribed rules and regulations of International Islamic University, Islamabad and observe the dress code and basic Islamic tenets.
- Every student of DAE should wear the College uniform i.e. Blue Shirt, Grey Pant & Closed Black Shoes while attending the classes. DAE students attending the classes without prescribed uniform will be charged a fine of Rs. 100/- per day.

UNIVERSITY RULES & REGULATIONS

The following rules and regulations shall be followed:

- Being a student of ICT it will be necessary to adhere to Islamic code of Behavior and basic Islamic tenets.
- The students will have to observe due respect to the staff / faculty of the College.
- The College will not be responsible for any mishap / accident during the training. However, a first aid facility will be provided.
- The student will have to pay all dues in time. After admission the fee cannot be refunded except refundable security as per University rules.
- The students will be responsible for returning all tools / equipment in the same condition as were issued from stores for practical training.
- In case of any damage or loss the concerned student shall be responsible for the payment of the damaged items according to the market price plus fine to be decided by the Principal.
- Students are not allowed to participate in politics, misconduct and illegal activities.
- The students should read the notice board regularly.
- Smoking is strictly prohibited in College premises and delinquents shall be liable to disciplinary action.
- Change of Shift / Technology after admission is permissible as per Board's Rules.
- In Diploma programs the examination rules of the Khyber Pakhtunkhwa Board of Technical Education, Peshawar, shall be followed.

Note:

Rules / Regulations & fee Structure mentioned above are subject to change without any notice.



FOR MORE INFORMATION

Please Contact Phone No. 051-9258041-3
or visit www.iiu.edu.pk

TIMING

Five Days a week as per notified schedule

IDENTITY CARD

The students shall carry their identity cards during the College hours and produce to the concerned authorities on demand. The Identity Card will have to be surrendered while collecting security fee from the College. Duplicate card can be obtained for Rs. 500/-





TEACHING METHODOLOGY

Teaching shall be conducted at university / ICT&S through lectures / online classes, tutorials, discussions, seminars, labs and field work.

- Medium of Instruction is English / Urdu
- ICT&S shall regularly inform the parents about the progress of their children.

CO-CURRICULAR ACTIVITIES IN ICT





LIBRARIES

University maintains 04 well equipped libraries with internet facilities and access to International data-base and digital libraries. The Central Library maintains all important texts and recommended books. In addition, there is a Book Bank in the main campus of the University lending books to the students on yearly basis. The library is continuously updated with the latest editions of the relevant books. The library facility is available till 10:00p.m.

LABORATORIES

The following state of the art equipped labs, facilities are available at Iqra College of Technology:

1. Applied Physics
2. Computer Applications.
3. Machining Processes
4. Computer Aided Design
5. Mechanics of Materials
6. Applied thermodynamics
7. Electronics Fundamentals
8. Fluid Mechanics
9. Manufacturing Process
10. I.C. Engines
11. Metrology and Gauging
12. Refrigeration and Air Conditioning

MEDICAL CARE

The University has well equipped medical centres for male and female students with a team of qualified doctors for free outdoor treatment of minor ailments. Cases of serious nature are referred to Government Hospitals in Islamabad for hospitalization and treatment. The Medical centre has also set up a laboratory to conduct various tests. The Medical Centres have 03 ambulances at their disposal to meet any emergency.

BANKING FACILITY

For payment, receipt and remittance, Habib Bank Limited maintains 02 branches in the old as well as new campuses of the University for male students. Profit and Loss saving Bank accounts are opened and deposits accepted under normal banking procedures. Students admitted to the University are advised to open their accounts with this bank. ATM facility is also provided at H-10 Campus to facilitate the students.

SPORTS & RECREATION

The University has extensive facilities for indoor and outdoor games for boys. Our students are participating in the Inter University competitions of sports & games and winning medals, trophies & leading positions in these competitions. Coaching facilities have also been available on campus.

TRANSPORT FACILITY

The transport facility is available for all students with in the territory of Islamabad / Rawalpindi.



TRAINING FACILITIES



Hydraulics Lab Bends and Pipe Losses



Band Saw Woodwork



Auto CAD Lab



Auto & Diesel Lab



EFI Engine Trainer



Advance Electronics Lab Trainer



Machine Shop Lathes



Metrology Measuring Instruments



Multi Split A.C Trainer



Basic Electrical Lab



Total Station Civil Tech.



Leveling Civil Tech



SCHEME OF STUDY

ARCHITECTURE TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-111	Islamiat & Pakistan Studies	1	0	1
ENG-112	English	2	0	2
MATH-113	Applied Mathematics-I	3	0	3
PHY-112	Applied Physics	1	3	2
COMS-111	Communication Skills	0	3	1
ARCH-112	Introduction to Architecture	1	3	2
ARCH-123	Architectural Graphics-I	0	9	3
ARCH-133	Building Material & Construction-I	2	3	3
ARCH-143	Computer Aided Drafting & Presentation-I	1	6	3
	TOTAL	11	27	20
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
MATH-212	Applied Mathematics-II	2	0	2
ARCH-212	Environmental Studies-I	2	0	2
ARCH-223	Structural Mechanics & R.C.C Design	2	3	3
ARCH-233	Architectural Drawing & Design-I	0	9	3
ARCH-242	Computer Aided Drafting & Presentation-II	0	6	2
ARCH-253	Building Materials & Construction-II	2	3	3
ARCH-262	History of Architecture	2	0	2
ARCH-274	Surveying & Leveling	2	6	4
	TOTAL	13	27	22
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
ARCH-312	Environmental Studies-II	2	0	2
ARCH-324	Architectural Drawing & Design-II	0	12	4
ARCH-332	Model Making	0	6	2
ARCH-343	Specification & Estimation	2	3	3
ARCH-353	Building Materials & Construction-II	2	3	3
ARCH-362	Construction Management & Safety Practices	2	0	2
ARCH-372	Computer Aided Design & Presentation-III	0	6	2
	TOTAL	09	30	19



CIVIL TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-111	Islamiat & Pakistan Studies	1	0	1
ENG-112	English	2	0	2
MATH-113	Applied Mathematics-I	3	0	3
CH-112	Applied Chemistry	1	3	2
PHY-112	Applied Physics	1	3	2
CIVIL-114	Basic Surveying	2	6	4
CIVIL-123	Engineering Materials & Construction	2	3	3
CIVIL-133	Basic Engineering Drawing	1	6	3
SHOP-112	WorkShop Practice	1	3	2
COMP-111	Computer Applications	0	3	1
	TOTAL	14	27	23
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
MATH-212	Applied Mathematics-II	2	0	2
GEN-222	Communication Skills & Report Writing	1	2	2
CIVIL-213	Public Health Technology	2	3	3
CIVIL-224	Advanced Surveying	2	6	4
CIVIL-233	Building Construction	2	3	3
CIVIL-243	Civil Engineering Drawing & Auto CAD	1	6	3
CIVIL-253	Mechanics of Structures	2	3	3
CIVIL-262	Quantity Surveying	1	3	2
	TOTAL	14	26	23
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
CIVIL-312	Project Management	2	0	2
CIVIL-323	Advanced Quantity Surveying	1	6	3
CIVIL-332	Environment Health and Safety	2	0	2
CIVIL-344	Hydraulics & Irrigation	3	3	4
CIVIL-353	Transportation Engineering	2	3	3
CIVIL-363	Concrete Technology & RCC Design	2	3	3
CIVIL-373	Soil Mechanics & Bridge Engineering	2	3	3
CIVIL-382	Civil Engineering Project Civil	0	6	2
	TOTAL	15	24	23



FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-111	Islamiat & Pakistan Studies	1	0	1
ENG-112	English	2	0	2
MATH-113	Applied Mathematics-I	3	0	3
PHY-112	Applied Physics	1	3	2
OHSE-101	Occupational Health, Safety and Environment	1	0	1
CHE-132	Applied Chemistry	1	3	2
CIT-112	Computer Application Software	0	6	2
CIT-123	Introduction to Computer Programming	2	3	3
CIT-131	General Engineering Workshop	0	3	1
CIT-143	Linear Circuit and Basic Electronics	2	3	3
	TOTAL	13	21	20
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
MGM-211	Business Communication	1	0	1
MATH-213	Applied Mathematics-II	3	0	3
CIT-213	Object Oriented Programming	2	3	3
CIT-225	Microprocessor Architecture	3	6	5
CIT-233	Data Communication & Networking	2	3	3
CIT-243	Analogue Electronics	2	3	3
CIT-253	Digital Electronics	2	3	3
	TOTAL	16	18	20
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	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-313	Network Administration	2	3	3
CIT-323	Operating System	2	3	3
CIT-332	Web Page Development & E-Commerce	1	3	2
CIT-342	PC System Architecture	2	0	2
CIT-353	PC System & Peripherals Repair	2	3	3
CIT-363	Project	0	9	3
	TOTAL	12	21	19



ELECTRICAL TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	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
CH-132	Applied Chemistry	1	3	2
COMP-122	Computer Applications	1	3	2
ET-115	Principles of Electrical Engineering	3	6	5
ET-121	Basic Electrical Drawing	0	3	1
ET-146	Workshop Practice-I			
	I) Wiring	1	6	3
	II) Metal Work	0	3	1
	III) Wood Work	0	3	1
	IV) Welding	0	3	1
	TOTAL	12	30	22
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
MATH-233	Applied Mathematics-II	3	0	3
PHY-222	Applied Physics	1	3	2
MGM-221	Business Management & Industrial Economics	1	0	1
ET-213	D.C Machines & Batteries	2	3	3
ET-223	Electrical Instruments & Measurements	2	3	3
ET-233	Utilization of Electrical Energy	2	3	3
ET-242	Installation Planning & Estimating	1	3	2
ET-251	Applications of Computers in Elect. Tech.	0	3	1
ET-263	Basic Electronics	2	3	3
ET-271	Workshop Practice-II (Basic Machine Shop	0	3	1
	TOTAL	15	24	23
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
MGM-321	Business Communication	1	0	1
MGM-311	Industrial Management & Human Relations	1	0	1
ET-316	A.C Machines	4	6	6
ET-322	Power Plant & Energy Conservation	2	0	2
ET-335	Transmission, Distribution & Protection of Elect. Power System	4	3	5
ET-343	Telecommunication	2	3	3
ET-353	Repair & Maintenance of Electrical Equipment	1	6	3
ET-364	Digital & Industrial Electronics	3	3	4
	TOTAL	19	21	26



REFRIGERATION & AIR CONDITIONING TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-111	Islamiat & Pakistan Studies	1	0	1
ENG-122	Technical English	2	0	2
MATH-113	Applied Mathematics-I	3	0	3
PHY-122	Applied Physics	1	3	2
CH-112	Applied Chemistry	1	3	2
MT-111	Technical Drawing	0	3	1
ET-113	Applied Electricity	2	3	3
COMP-122	Computer Applications	1	3	2
RACT-113	Principles of Refrigeration	2	3	3
RACT-123	Workshop Practice-I			
	Basic Electronics Applied to HVAC&R	0	3	1
	Metal Shop	0	3	1
	Machine Shop / Welding Shop	0	3	1
	TOTAL	13	27	22
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
MATH-223	Applied Mathematics-II	3	0	3
MGM-232	Industrial Management & Human Relations	2	0	2
PHY-212	Applied Physics	1	3	2
RACT-214	Principle of Air-Conditioning	3	3	4
RACT-223	Applied Thermodynamics & Low Pressure Boiler	2	3	3
RACT-233	Engg. & Arch. Drawing	1	6	3
RACT-243	Advance Refrigeration	3	0	3
RACT-253	Workshop Practice-II	1	6	3
	TOTAL	17	21	24
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
MGM-311	Business Management & Industrial Economics	1	0	1
MGM-321	Business Communication	1	0	1
RACT-314	Air Conditioning System Design	3	3	4
RACT-322	Water & Air Distribution	2	0	2
RACT-334	Control & Instrumentation	3	3	4
RACT-342	Industrial Refrigeration & Air Conditioning	2	0	2
RACT-352	Technical Project	0	6	2
RACT-363	Heat Transfer & Ref. Calculation	3	0	3
RACT-373	RAC W/Shop Practice-III	0	9	3
	TOTAL	16	21	23



AUTO & DIESEL TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-111	Islamiat & Pakistan Studies	1	0	1
ENG-112	English	2	0	2
MATH-113	Applied Mathematics-I	2	0	2
PHY-113	Applied Physics	1	3	2
COMP-122	Computer Applications	1	3	2
AD-113	Automotive Electrics & Electronics	2	3	3
AD-123	I.C.Engines	2	3	3
AD-122	Hybrid Vehicle	2	0	2
MT-153	Engineering Drawing	0	6	3
MT-164	Workshop Practice-I			
	Machine Shop & Safety Practice	1	3	2
	Metal Shop, Welding Practice & Foundry	1	3	2
	TOTAL	15	24	24
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
CH-213	Applied Chemistry	1	3	2
MATH-213	Applied Mathematics-II	2	0	2
PHY-212	Applied Mechanics	1	3	2
MGM-232	Industrial Management & Economics	2	0	2
AD-212	Applied Thermodynamics	1	3	2
AD-223	Suspension, Steering & Brakes	2	3	3
AD-234	Workshop Practice-II	2	6	4
AD-243	Problems in I.C Engines	2	3	3
AD-252	Meteorology	1	3	2
	TOTAL	15	24	23
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
MGM-321	Business Communication	1	0	1
AD-313	Computer Aided Design & Manufacturing	1	3	2
AD-323	Fuel Injection & Carburetion	2	3	3
AD-333	Automotive Transmission	2	3	3
AD-342	Motor Vehicle Inspection	1	3	2
AD-353	Auto Body Building & Finishing	2	3	3
AD-362	Motor Vehicle Driving	1	3	2
AD-374	Workshop Practice-III	1	6	3
AD-392	Metallurgy & Heat Treatment	1	3	2
	TOTAL	13	27	22



ELECTRONICS TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	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-112	Applied Physics	1	3	2
CH-112	Applied Chemistry	1	3	2
COMP-112	Computer Fundamentals	1	3	2
ELTR-114	Electrical Circuits	3	3	4
ELTR-123	Electronics Devices	2	3	3
ELTR-132	Engineering Drawing & Computer Aided Design	0	6	2
ELTR-141	Electrical Wiring	0	3	1
	TOTAL	14	24	22
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
MATH-213	Applied Mathematics-II	3	0	3
COMS-211	Communication Skills	1	0	1
ELTR-212	Propagation of Electromagnetic Waves	2	0	2
ELTR-225	Analog Electronics	3	6	5
ELTR-233	Electrical Instruments & Measurements	2	3	3
ELTR-243	Electrical Machines	2	3	3
ELTR-253	Communication Systems	2	3	3
ELTR-264	Digital Electronics	3	3	4
ELTR-271	PCB Fabrication	0	3	1
	TOTAL	19	21	26
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
MGM-311	Industrial Management & Human Relations	1	0	1
OSHE-311	Occupational Safety, Health and Environment	1	0	1
ELTR-314	Computer Architecture	3	3	4
ELTR-322	Equipment Maintenance & Servicing	2	6	4
ELTR-332	Project	0	6	2
ELTR-343	Industrial Electronics	2	3	3
ELTR-353	Power Electronics	2	3	3
ELTR-363	Microcontroller Programming and Applications	2	3	3
	TOTAL	14	24	22



MECHANICAL TECHNOLOGY

FIRST YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-111	Islamiat & Pakistan Studies	1	0	1
ENG-112	Functional English	2	0	2
MATH-113	Applied Mathematics	3	0	3
PHY-122	Applied Physics	1	3	2
CH-112	Applied Chemistry	1	3	2
MT-117	Workshop Practice-I			7
	Metal Work	0	3	
	Wood Work	0	3	
	Welding And Forging	0	3	
	Foundry	0	3	
	Basic Machine Shop-I	0	3	
	Theory	2	0	
COMP-142	Computer Application	1	3	2
MT-141	Health Safety & Environment	1	0	1
MT-163	Basic Engineering Drawing & CAD	1	6	3
	TOTAL	15	30	23
SECOND YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-211	Islamiat & Pakistan Studies	1	0	1
PHY-212	Applied Mechanics	1	3	2
MATH-212	Applied Mathematics-II	2	0	2
MGM-211	Business Communication	1	0	1
MGM-221	Business Management & Industrial Economics	1	0	1
ELECT-202	Applied Electricity & Electronics	1	3	2
MECH-223	Engineering Drawing-II			3
	Machine Drawing	0	3	
	2D & 3D CAD	0	3	
	Theory	1	0	
MECH-236	Workshop Practice-II			6
	Basic Machine Shop-II	0	6	
	Foundry & Pattern Making	0	3	
	Adv. Welding	0	3	
	Theory	2	0	
MECH-242	Metallurgy	2	0	2
MECH-252	Metrology	1	3	2
	TOTAL	13	27	22
THIRD YEAR				
SUBJECT CODE	SUBJECT CODE	T	P	C
GEN-311	Islamiat & Pakistan Studies	1	0	1
IMH-311	Industrial Management & Human Relations	1	0	1
MECH-312	Hydraulics & Hydraulic Machines	1	3	2
MECH-323	Applied Thermodynamics	2	3	3
MECH-331	Industrial Planing and Production	1	0	1
MECH-343	Machine Design	2	3	3
MECH-353	Tool & Mould Design	2	3	3
MECH-362	Materials Testing & Heat Treatment	1	3	2
MECH-374	Workshop Practice-III	2	6	4
MECH-382	CAD/CAM	1	3	2
MECH-392	CNC Machines	1	3	2
	TOTAL	15	27	24

MEDICAL FITNESS CERTIFICATE

It is certified that I have examined Mr. -----

S/o -----, a candidate for admission in

Iqra College of Technology, IIU Islamabad. He is physically fit for studies and is not suffering from any remarkable disease.

Signatures of Medical Officer with Stamp

Signatures of Candidate

Note:

Doctors of only Government operated hospitals are competent to issue this certificate.

حلف نامہ

یہ حلف نامہ امیدوار کا والد / سرپرست داخل کرے گا

تاریخ: _____

میں _____ ولد _____ حلفیہ بیان کرتا ہوں کہ

میرے فرزند / زیر کفالت مسمی _____ نے انٹرنیشنل اسلامی یونیورسٹی کے ادارے اقرء کالج آف ٹیکنالوجی اسلام آباد میں داخلے کے لئے درخواست میری رضامندی سے دی ہے۔

میں _____ حلفاً اقرار کرتا / کرتی ہوں کہ اگر میرا بچہ / ادارہ ہذا کی کلاسز میں حاضر نہیں ہوتا، مڈ ٹرم / سینڈ اپ امتحانات نہیں دیتا اور ادارہ ہذا میں کلاسز کی حاضری کم از کم 80% پوری نہیں کرتا تو میں فرسٹ ایئر، سیکنڈ ایئر اور تھرڈ ایئر کے بورڈ کے امتحانات کے داخلہ بھجوانے کے لئے اصرار / سفارش نہیں کروں گا / گی۔ ادارہ ہذا میرے بیٹے / عزیز / زیر کفالت کے لئے جو بھی فیصلہ کرے گا وہ مجھے منظور ہوگا اور اس فیصلے کے خلاف میں کسی قسم کی قانونی چارہ جوئی بھی نہیں کروں گا / گی۔

میں ادارہ مذکورہ میں دورانِ تعلیم اپنے بیٹے / عزیز / زیر کفالت کے تمام اخراجات اور نیک چال چلن کا ذمہ دار ہوں گا / گی۔ ادارہ ہذا میں دورانِ تعلیم اور عملی کام کے دوران کسی حادثہ یا نقصان کی صورت میں ادارہ اس کی انتظامیہ کو ذمہ دار نہیں ٹھہراؤں گا / گی۔

میرا بیٹا / عزیز / زیر کفالت کسی قسم کی گروہی، سیاسی، فرقہ وارانہ، لسانی یا غیر اخلاقی سرگرمیوں میں ملوث نہیں ہوگا اور ادارہ ہذا کے نظم و ضبط کی پابندی کرے گا اگر وہ ان میں سے کسی ایک میں بھی ملوث پایا گیا تو ادارہ ہذا اس کو ادارے سے خارج کرنے کا حق رکھتا ہے، اور میں ادارہ کے فیصلے کے خلاف قانونی چارہ جوئی نہیں کروں گا۔

میں وقتاً فوقتاً اور کم از کم 6 ماہ میں ایک بار لازماً اپنے فرزند / عزیز / زیر کفالت کی تعلیمی کارکردگی کا پتہ کرتا رہوں گا / گی۔

میں سرکاری / نیم سرکاری / پرائیویٹ ملازم / ہوں اور _____ (عہدہ) پر _____ ادارہ / محکمہ میں کام کرتا / کرتی ہوں

میری سالانہ آمدنی _____ روپے / ڈالر ہے۔

خط و کتابت کا پتہ: _____

فون نمبر: _____

والد یا سرپرست کا نام بمعہ پیشہ: _____

والد / سرپرست کے دائیں ہاتھ کے انگوٹھے کا نشان

شناختی کارڈ نمبر: _____ - _____ - _____

تصدیق نامہ

والد / سرپرست کے دستخط _____

امیدوار مسمی _____ کے والد / سرپرست جناب _____ نے مندرجہ بالا حلف نامے کو پڑھنے کے بعد میرے سامنے دستخط کیے۔

تصدیق کنندہ گزٹڈ آفیسر _____ عہدہ _____ ادارہ _____

شناختی کارڈ نمبر: _____ - _____ - _____

تصدیق کنندہ کے دستخط بمع مہر _____



Iqra College of Technology

Sector H-10/4, Islamabad,
Phone No. 051-9258041-3, Website: www.iiu.edu.pk



To get Directions on Map scan the QR code with your smart phone