

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



الجامعة الإسلامية للتكنولوجيا
UNIVERSITE ISLAMIQUE DE TECHNOLOGIE
ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)

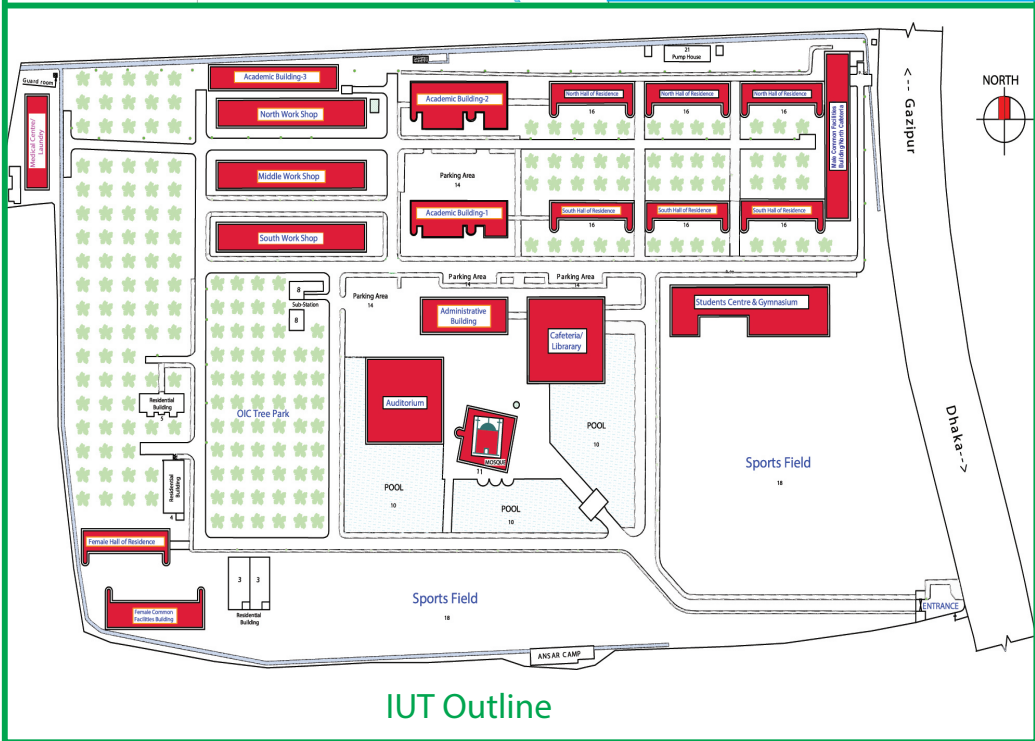
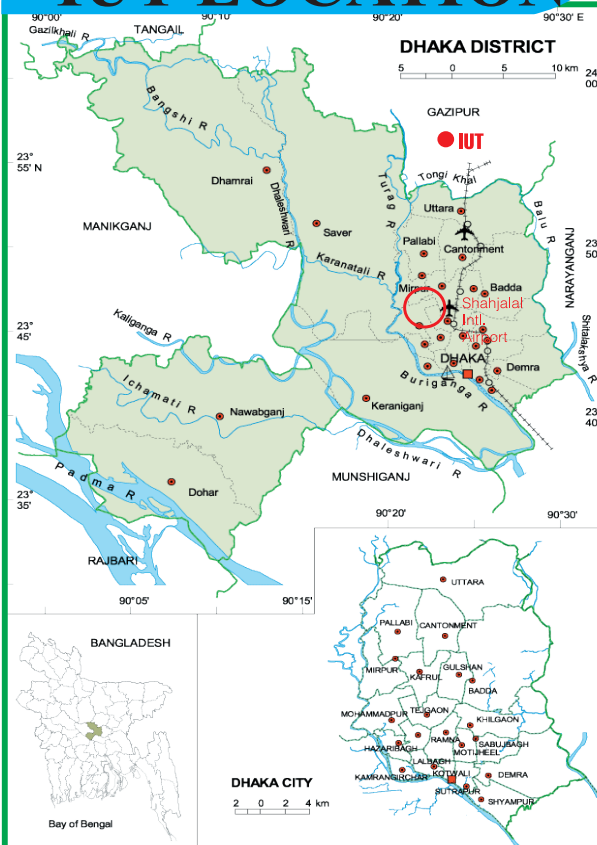
STUDENTS' GUIDE

ACADEMIC YEAR
2020-2021



JULY 2021

IUT LOCATION





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الجامعة الإسلامية للتكنولوجيا
دكا بنغلاديش

UNIVERSITE ISLAMIQUE DE TECHNOLOGIE
DHAKA, BANGLADESH

ISLAMIC UNIVERSITY OF TECHNOLOGY
DHAKA, BANGLADESH

ORGANISATION OF ISLAMIC COOPERATION (OIC)

STUDENTS' GUIDE

ACADEMIC YEAR
2020-2021

IUT : MISSION AND VISION

VISION

To be a leading university of science, engineering and technology in the world.

MISSION

- Providing education and training of international standard for the youths of the ummah;
- Undertaking quality research leading to innovation;
- Launching cutting-edge disciplines matching the requirements of the member states;
- Internationalizing through increasing overseas students, staffs and external collaboration.





H.E. Dr. Yousef Bin Ahmad Al-Othaimeen
Chancellor of IUT and Secretary General of the
Organisation of Islamic Cooperation (OIC)



Prof. Dr. Mohammad Rafiqul Islam
Vice Chancellor
Islamic University of Technology (IUT)



Dr. Omar Jah
Pro-Vice Chancellor
Islamic University of Technology (IUT)

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ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT) ORGANISATION OF ISLAMIC COOPERATION (OIC)

LIST OF OFFICIALS

Prof. Dr. Md. Ashraful Hoque	Dean, Faculty of Engineering and Technology
Prof. Dr. Mohammad Rakibul Islam	Dean, Faculty of Science and Technical Education
Dr. Mwebesa Umar	Registrar
Prof. Dr. Md. Ruhul Amin	Head, EEE Department
Prof. Dr. Md. Zahid Hossain	Head, BTM Department
Prof. Dr. Md. Anayet Ullah Patwari	Head, MPE Department
Prof. Dr. Hossain Md. Shahin	Head, CEE Department
Prof. Dr. Md. Abu Raihan	Head, TVE Department
Prof. Dr. Abu Raihan Mostofa Kamal	Head, CSE Department
Prof. Dr. Mohammad Ahsan Habib	Head, REASP Department
Prof. Dr. Md. Tarek Uddin	Head, AQA Office
Prof. Dr. Muhammad Mahbub Alam	Head, IAEC Office
Prof. Dr. Md. Kamrul Hasan	Head, ICT Centre
Prof. Dr. Md. Hamidur Rahman	Head, IEE
Mr. M. Golam Salek	Chief of Establishment, Establishment and Cabinet Office
Mr. Maruful Islam Bhuiyan, FCA	Comptroller, Finance and Accounts Office
Prof. Dr. Khondokar Habibul Kabir	Librarian (in charge), Library and Documentation Office
Prof. Dr. Md. Hasanul Kabir	Provost, Halls of Residence (Male)
Prof. Dr. Golam Sarowar	Provost, Halls of Residence (Female)
Mr. Mohammed Nazmud Duza	Deputy Chief, Planning and Development Office
Mr. Mohammad Jahangir Alam	Executive Engineer, Engineering and General Service Office
Dr. Fakharuddin Ahmed	Chief Medical Officer, Medical Centre

COMMITTEES OF THE UNIVERSITY

Chairman, Library Committee

Dr. Omar Jah

Chairman, Admission Committee

Prof. Dr. Md. Ruhul Amin

Chairman, Examination Committee

Prof. Dr. Mohammad Rakibul Islam

Chairman, Cafeteria Committee (Male)

Prof. Dr. Md. Hasanul Kabir

Chairman, Cafeteria Committee (Female)

Prof. Dr. Golam Sarowar

Chairman, Religious Affairs Committee

Prof. Dr. Abu Raihan Mostofa Kamal

Chairman, Students' Welfare Committee

Prof. Dr. Md. Ashraful Hoque

Chairman, Social and Cultural Activities Committee

Prof. Dr. Md. Nurul Absar Chowdhury

Chairman, Industrial Training Committee

Prof. Dr. Mohammad Rakibul Islam

Chairman, Games and Sports Committee

Prof. Dr. Syed Iftekhar Ali

Chairman, Medical Centre Committee

Dr. Mwebesa Umar



INTRODUCTION

Islamic University of Technology (IUT) is a subsidiary organ of the Organisation of Islamic Cooperation (OIC), representing fifty seven member countries from Asia, Africa, Europe and South America. It is dedicated to the development of human resources of the Islamic Ummah in the fields of engineering, technology, business and technical education, and stands as the most visible demonstration of the Islamic Solidarity and Joint Islamic Action under the Makkah-Al-Mukarramah Declaration.

This unique educational institution was initially established as the Islamic Centre for Technical and Vocational Training and Research (ICTVTR) in pursuance of a resolution of the Ninth Islamic Conference of Foreign Ministers (ICFM), held in Dakar, Senegal in 1978. The foundation stone was laid on 27 March 1981 on the 30-acre land donated by the Government of the People’s Republic of Bangladesh to the OIC. The first batch of students was admitted in the academic year 1986-87 and its first graduation ceremony was held on 21 October 1987. ICTVTR was renamed as the Islamic Institute of Technology (IIT), by the Seventh Islamic Summit and the 22nd ICFM held in Casablanca, Morocco on 10-15 December 1994. In appreciation of the activities of IIT, the 28th session of the ICFM held in Bamako, Republic of Mali on 25-27 June 2001, renamed IIT as Islamic University of Technology (IUT).

IUT is an international institution of higher education. This university has been categorized and ranked as one of the unique international institutes by University Grants Commission (UGC) of Bangladesh and Bangladesh Government. The University is currently offering both undergraduate and postgraduate programmes in the fields of engineering, business and technical education. It organizes skill-upgrading and knowledge-updating short courses and trade courses tailored to the needs of the member states. It also conducts research in technical and vocational education and manpower development, undertakes technological and industrial research, promotes technical co-operation and exchanges technical know-how, disseminates basic information on development of human resources among the member states of the OIC. The University also offers advisory, consultancy and testing services to national and international organizations and industries.



LOCATION AND CLIMATE

The University is located at Board Bazar, Gazipur, about 30 km North of Dhaka (Latitude=23°43'N, Longitude = 90°25'E), the capital of Bangladesh. The capital is connected by Hazrat Shahjalal International Airport that has widely developed airlines network. The University is just 13 km north from this airport.

There are four well-defined seasons in a year, namely: the winter (mid November-February), the summer (March-May), the Monsoon or Rainy season (June-October) and autumn (mid October-mid November). The temperature ranges between a minimum of 10°C in the winter and an average of 35°C during the summer. The average yearly rainfall is 2250 mm. Relative humidity varies from about 30% in the winter to over 90% in the rainy season.



CONTACT ADDRESS

POSTAL ADDRESS

Board Bazar, Gazipur 1704, Bangladesh

TELEPHONES

+880-2-9291253 ~ 59 PABX Line

Incoming Calls for Students:

Ext. 3248 08 AM – 10 PM (South Hall, Male HoR)

Ext. 3298 08 AM – 10 PM (North Hall, Male HoR)

Ext. 3368 08 AM – 10 PM (Female HoR)

Fax +880-2-9291260

E-MAIL ADDRESSES

Office of the Vice-Chancellor

sec.vc@iut-dhaka.edu

Office of the Pro-Vice-Chancellor

sec.provc@iut-dhaka.edu

Dean, Faculty of Engineering and Technology

dean.fet@iut-dhaka.edu

Dean, Faculty of Science and Technical Education

dean.fste@iut-dhaka.edu

MPE Department

head.mpe@iut-dhaka.edu

EEE Department

head.eee@iut-dhaka.edu

TVE Department

head.tve@iut-dhaka.edu

CSE Department

head.cse@iut-dhaka.edu

CEE Department

head.cce@iut-dhaka.edu

BTM Department

head.btm@iut-dhaka.edu

ICT Centre

ict@iut-dhaka.edu

Institute of Energy and Environment

head.iee@iut-dhaka.edu

REASP Department

head.reasp@iut-dhaka.edu

Registrar Office

registrar@iut-dhaka.edu

Establishment and Cabinet Office

chief.ed@iut-dhaka.edu

Medical Centre

cmo@iut-dhaka.edu

Library and Documentation Office

library@iut-dhaka.edu

IAEC Office

iaec@iut-dhaka.edu

AQA Office

aqa@iut-dhaka.edu

Engineering and General Service Office

head.egs@iut-dhaka.edu

Planning and Development Office

head.pd@iut-dhaka.edu

Finance and Accounts Office

comptroller@iut-dhaka.edu

Provost Office (Male)

provost.male@iut-dhaka.edu

Provost Office (Female)

provost.female@iut-dhaka.edu

WEBSITE

www.iutoic-dhaka.edu

WORKING DAYS AND HOURS

Weekdays Monday through Friday

Class Hours
08:00 – 13:00 Hrs.
13:00 – 14:00 Hrs. – Prayer and Lunch Break
14:30 – 17:00 Hrs.

Office Hours
08:00 – 13:00 Hrs.
13:00 – 14:00 Hrs. – Prayer and Lunch Break
14:00 – 16:30 Hrs

Weekends Saturday and Sunday



GETTING STARTED

ONLINE REGISTRATION DURING ADMISSION

The online registration process [registration.iutoic-dhaka.edu] should not take more than five minutes and is simply confirmation of individual student details and provision of information university requires in order to register the status of the a student. When the process of registration is completed the student will get his/her certificate of admission issued by the registrar office later.

STUDENT IT ACCOUNT

After completion of admission process, all the admitted students will get a personal internet account and email account of @iut-dhaka.edu domain from the computer center of IUT. Students can then use it to log in and register for student portal, any module, access email, use campus Wi-Fi and other facilities. It is important that all students need to check this email account regularly because this will provide new developments and other important matters of the university.

STUDENT PORTAL

The portal [sis.iutoic-dhaka.edu] is the most important resource of information for any student, enabling any student to contact the authority and access their online study resources. When any student registers with IUT, a username and password will be provided, which allow the students to log in to the Student Portal and access to different virtual learning environment and other useful information.

If any student needs to change his/her personal details (for example, changing of name or email address), he/she needs to report to the Registrar's Office immediately with proper documents.

ONLINE COURSE REGISTRATION MODULE

Students can usually register for choosing different courses online, via the Student Portal [<http://10.220.20.6>] or [sis.iutoic-dhaka.edu]. Students need to complete the course registration within a scheduled time line. Students will receive an instant 'confirmation of course registration' message upon completion, which is needed to be signed by the corresponding relevant authorities. Students will preserve the copy of the signed document for future reference.

COMMON FACILITIES AND SERVICES

SMART CARD SERVICES

• Smart ID Card

Every student of IUT is provided with a smart ID card. Students can avail different services with this card. Along with the physical identification, this card will carry digital information of the student. Moreover, smart ID card will act as a cash card for the students. They need to recharge the smart card cash services by depositing any amount of money to the following accounting details in the AB Bank booth counter and the deposited account will be gradually credited to the depositor account through IUT smart card. Fees of different value-added services provided by IUT will be deducted from the smart card balance.

Account Name : IUT SMART CARD
Account Number : 4018-752-333-430

• Cafeteria

Both residential and non-residential students need to use the smart card to collect their food. After selecting the menu they will be provided with a token. This token will be used to collect foods from the Food counter. It should be noted that the charge of the food items will be automatically deducted in case of a non-residential student.

• Attendance

Students will use their smart card in the classroom for attendance. There is designated card reader in the classroom. Students need to touch the card at the start of a class and when they leave the class. Later on, teachers will collect the attendance information of a particular class from the system.

• Entrance

Students need to use their smart ID card to identify themselves at the entrance of IUT main gate and the Halls of Residence. This automated system is monitored by the IUT security team. Entry data will be stored for future use.

MEDICAL CENTRE

IUT has an on campus Medical Centre with six observation beds. It is located at North- West corner of the campus to provide normal medicare to the students and staff. Necessary medicines are also available at the medical centre. The medical centre is managed by three doctors who work on pro-rata basis, 24 hours a day. In case of emergency, the doctor on duty can be contacted on his personal cell numbers.

Dr. Fakharuddin Ahmed, Chief Medical Officer : +88 01685640650
Dr. Md. Ali Tareq, Medical Officer : +88 01716323956
Dr. Salma Khatun, Medical Officer : +88 01917309481

Students will not get medical facilities or re-imburement of bill for their medical treatment outside the Campus except during training programmes officially arranged for them and in case of emergency/accident within the vicinity of the University. In case of hospitalization, the students are entitled to the accommodation of normal cabin of Women Medical College and Hospital, Uttara, Holy Family Hospital, Dhaka, Ahsania Mission Cancer Hospital, Uttara or any other approved off campus medical facilities. If anyone avails of any higher accommodation in the hospital, s/he will bear the difference over of his/her entitlement and will settle the same with the hospital before release. For this, advance payment to the hospital may be necessary. In case of non-payment of hospital bill by the student beyond his entitlement, the same will be realized from his monthly pocket allowance. Advice of one of the University Physicians must be sought before hospitalization. Students must also take prior permission from one of the IUT Doctors before going to an outside medical specialist for consultation. Medical expenses will be allowed as per rules of the University. All prescriptions and receipts must be on printed forms. Details may be obtained from the University Physicians. Submission of medical bills for reimbursement must be made within the ongoing financial year (January-December).

Note: Students need to fill the medical card available in the medical center with one passport size photograph and submit the same at the medical counter for availing the medical facilities of the university. Medical card is compulsory for all students for any medical help from the medical center.

ICT CENTRE

The ICT Center at IUT serves as a vital support system providing various Computer and IT related services to all students, faculty and staff members of IUT. The center employs full-time programmers, network engineers and support staff who work continuously to ensure proper execution of all IT related services. The center provides the following key services, among others, particularly for students.

• Internet Access

IUT is connected to a high-speed internet backbone connection and students get 100hrs per month, which is managed by the ICT Center. The center is responsible for providing internet access throughout the campus via Wireless and Ethernet LAN. IUT provides internet access to students but to prevent misuse, free access time is restricted to a limit. After exhaustion of the allotted time limit [100 hrs], students will have to pay for extra internet usage.

• Email

All students, faculty and staff members of IUT have their own email addresses with domain (@iut-dhaka.edu). This service is provided via Google Mail Server.

• File Sharing

Using file sharing service everyone in IUT campus can share files very easily among themselves. The file sharing service is accessible through IUT's internal LAN connection.

• Printing Facility

The center provides printing facility at a nominal cost. More details for availing this facility can be obtained from the Computer Center office.

The center is also responsible for maintaining campus wide network comprising Fiber optic, Ethernet LAN, Wireless Access points and IP CCTV security system which also covers the students' Halls of Residences. Most parts of the campus are currently under Wi- fi coverage. In addition, the center provides Web Support for maintaining the central and departmental websites. At the same time the center provides Software/ Hardware support and general maintenance. The center also has three laboratories for facilitating classes of different departments as well as general usage of students. The centre is responsible for developing and maintaining different software applications, which are used by the various departments and offices.

The office of the ICT Centre is located on level-3 of the Second Academic building (inside Lab 01). All newly admitted students should get in touch with the ICT Centre regarding Internet, Email, Printing etc. accounts.

BANK SERVICES

Local bank services are available at Board Bazar. However, for transaction in foreign currencies, foreign exchange branches of different banks in the city may be contacted. Rules including charges for foreign currency transactions and related information may be obtained from the Manager of the concerned Bank. Monthly pocket allowance of students will be paid through transfer to their personal Bank

Account with AB Bank Ltd., Board Bazar Branch, Gazipur. All new students are required to open an account with the said bank in consultation with the Finance and Accounts Office to get their pocket allowance. ATM booth of AB Bank is available in the Ground floor of the Administrative building of IUT. Debit card from the respective bank will be issued to all students for using the ATM services.

IUT LIBRARY

During the course of studies, all registered students can have free access to the IUT Library and its online resources [library.iutoic-dhaka.edu]. In addition, depending on the course of study, textbooks and essential reading materials are also available

there. The Library is located on the first floor of the Central Cafeteria Building with a beautiful view of water pool both on the Eastern and Southern sides. It has a floor area of 1300 sq. meter with a shelf space of 52,000 books. It is an open-shelf library and well furnished with modern furniture.

IUT Library Service Hours

Monday to Friday (8.00 am - 05.00 pm)

Lunch & Prayer break (1.00pm - 2.00 pm)

Closed on holidays

Email: library@iut-dhaka.edu

The IUT library provides the following key services, among others, particularly for students:

• Information and E-Resources

Most of the information resources are closely related to university's courses and those are classified, cataloged and displayed using international professional tools. IUT library has extensive collection of learning resources including books, monographs, periodicals, thesis, standards, charts, proceedings and e-books etc.

• Traditional Resources

A total 44,000+ books and bound volumes of journals are available in IUT Library. Around 1600 projects and thesis are also available for the use of students and faculty members.

• Periodicals and Newspaper

The Library subscribes journals from abroad in the field of engineering, business and technology. In addition to the journal, daily newspapers are also in the subscription list.

• Other Print Resources

Reprints, reports of different organizations, seminar papers, and short course materials are also preserved in the Library for future reference and research.

• CD-ROMS:

More than two thousand CD-ROMS of books are available in the Library. These are used by students and faculty members for their study purpose.

• Electronic Resources

E-resources of IEEE, JSTOR and Wiley are available for the students through campus network provided by University Digital Library (UDL) of UGC. IUT Library also introduced subscription of on-line journals in the year 2007 from INASP- PERI consortium, coordinated by Bangladesh Academy of Sciences

(BAS). Around 5000 titles of online journals of different discipline like science & technology, engineering, business, education, etc.

• **Photocopying facility**

Photocopying facility is available in the library for students on payment basis. Application forms and rules for making photocopies are available at the library counter. Requests for photocopying should be made in advance, as the demands may be quite high at certain times.

• **Study Room**

There is also a reading section where individual students can study. The study room is open from 8:00 am to 10:00 pm on all working days. Since most of the students live in the campus, the library is an important place where they can utilize their time by reading books and taking notes.

IUT GAMES AND SPORTS

The University attaches great importance to co-curricular and extra curriculum activities and encourages the students to participate in various games and sports. The facilities for football, volleyball, lawn tennis, basket ball, badminton, table tennis, other indoor games and some gymnasium equipment have been made available.

Games and Sports Committee: The Games and Sports Committee consisting of the student members and a few members of the faculty and staff, looks after the indoor and outdoor games. It also organizes the annual athletic competition. Each student member acts as the Captain of a particular game and is nominated by the Vice- Chancellor on the recommendation of the Chairman of Games and Sports Committee. A Physical Instructor provides advice and guidance to the students and is responsible for the procurement and maintenance of the kits for various games and sports of the University.



A) Yearly practice schedule

Name of the Events	Time Schedule (Dec. to March) Winter	Time Schedule (April to Nov.) Summer
Football	4:30 PM to Salatul Magrib	5:00 PM to Salatul Magrib
Volleyball	4:30 PM to Salatul Magrib	5:00 PM to Salatul Magrib
Cricket	4:30 PM to Salatul Magrib	5:00 PM to Salatul Magrib
Basketball	4:30 PM to 8:00 PM	5:00 PM to 8:00 PM
Badminton	4:30 PM to 7:00 PM	5:00 PM to 7:00 PM
Table Tennis	4:30 PM to 8:00 PM	5:00 PM to 8:00 PM
Lawn Tennis	4:30 PM to 7:00 PM	5:00 PM to 7:00 PM
Chess, Carom, Drought & Scrabble	4:30 PM to 8:00 PM	5:00 PM to 8:00 PM

During holidays student center will be opened from 4:00 PM to 8:30 PM.

B) Tentative schedule of various Games and Sports competition of IUT for the year 2020-2021:

Due to the prevailing upsurge of the COVID-19 Pandemic across the globe and particularly in Bangladesh, all Games and Sports Activities of the University have been suspended. Schedules will resume when the situation becomes normal.

MASJID

The masjid of IUT is located in the Central Plaza of the University by the side of the water pool. It is within the close perimeter of all other facilities. This allows the students to go to the masjid for daily prayers regularly. The Jumma and the five daily prayers are led by an Imam appointed by the University.

The Religious Affairs Committee looks after the masjid based activities of the students. On some Fridays, famous religious personalities are invited for discussion meeting on different aspects of Islam and to deliver the Khutba and lead the Jumma prayer. The Committee also arranges to offer regular masjid based weekly lessons on recitation and learning the language of the Holy Quran. Annual Competition of the Recitation of verses from the Holy Quran is organized and the students participate with great enthusiasm.

CAFETERIA SERVICES

IUT has three self-service Cafeterias (two for male students and one for female students) where the students take their regular meals. Residential Students are provided with breakfast, lunch, evening tea and dinner in the respective Cafeteria, whereas non-residential Students can have their breakfast and lunch only from the Central Cafeteria. The non-residential students are required to pay for their meals. The Cafeterias are managed by the Cafeteria Committee headed by the Provost with the help of other members represented by faculty, staff and students.

• Cafeteria Serving Timings

All Cafeterias remain open from 0700 hrs. to 2200 hrs. every day with breaks for prayers. Meals are, however, served according to the following schedule:

Breakfast	...	0700 hrs. to 0930 hrs.
Lunch (with prayer break)	...	1200 hrs. to 1430 hrs.
Prayer break	...	1300 hrs. to 1330 hrs.
Evening Tea	...	1630 hrs. to 1730 hrs.
Dinner	...	1900 hrs. to 2200 hrs.

• Cafeteria Committee

The Cafeterias are managed by the Cafeteria Committee which is composed of some students from different regions and some teachers and staff including the medical officer nominated by the Vice-Chancellor on the recommendation of the Provost. The Cafeteria Committee is responsible for setting the guidelines related to menu and day-to-day affairs of the Cafeteria. A student may submit his ideas on improvement of the menu, hygienic condition inside the Cafeteria, servicing, etc. to any member of this committee for consideration within the approved budget.

• Cafeteria Rules

No student/trainee is allowed to entertain any guest without prior permission. If any guest is entertained without permission, charges along with fines will be realized from the concerned student. However permitted guest might be entertained by submitting necessary meal coupon.

For efficient functioning of the cafeteria, it is necessary that all its users co-operate with the cafeteria staffs. Students are advised to refrain from such activities which may affect the normal functioning of the cafeteria. CC Cameras have been installed in major locations of the cafeterias. Disciplinary actions including imposition of fines will be taken against any student found engaged in any such activity. Dress code should be followed. It should be decent, and no shorts are allowed. Carrying of food, utensils, plates, glasses, cutlery, etc. outside the cafeteria by any student is strictly prohibited. Any student found doing so is liable to be penalized and the monetary penalty shall be realized from his monthly pocket allowance. Records of breach of disciplines will be used in making decisions for some cases.

LAUNDRY SERVICES

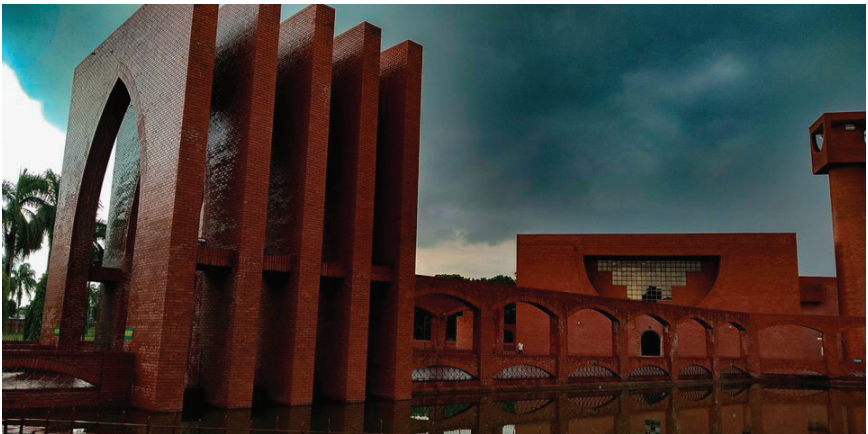
There is a laundry inside the campus at the North West corner. An outside party runs it on contract basis. Students may avail of the laundry facilities on payment basis at subsidized rate. The price list of laundering as approved by the University is available at the Laundry House.

IAEC OFFICE

The International Affairs and External Communication (IAEC) office has been established recently to make it a hub for the expatriate students, faculty and staff members, and international activities. The office will provide admission information to the prospective expatriate students and provide information and guideline for visa related supports. The office will coordinate with different departments of IUT and external institutions for MoU, research collaboration, faculty exchange and dual degree programmes. It will maintain a repository of the current expatriate students and expatriate alumni, and will try to provide information related to their academic needs.

AQA OFFICE

The Office of Accreditation and Quality Assurance (AQA) takes initiatives to undertake and ensure quality education of the different programs of IUT. In line with quality education, AQA regularly organizes training programs related to quality education emphasizing on Outcome Based Education (OBE), effective teaching-learning methods, learning management system, etc. to the existing and newly appointed faculty members. AQA maintains close collaboration with the different departments of IUT and acts as a mentor to identify the gaps that are to be removed for ensuring quality education. Accreditation is recognition for quality education, therefore, AQA takes initiatives to encourage different programs to prepare and apply for accreditation of different programs from authorized local and international bodies. For effective functioning of AQA, in addition to the members of AQA; Self-Assessment Committees (SACs) from the different departments are formed to make liaison with AQA.



DIFFERENT ACADEMIC PROGRAMMES

During the Academic Year 2020-2021 the following regular programmes with specializations as noted against each are being offered:

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)

Programmes under the Department of Mechanical and Production Engineering (MPE)

Doctor of Philosophy in Mechanical Engineering
Master of Science in Mechanical Engineering
Master of Engineering in Mechanical Engineering
Bachelor of Science in Mechanical Engineering
Bachelor of Science in Industrial and Production Engineering

Programmes under the Department of Electrical and Electronic Engineering (EEE)

Doctor of Philosophy in Electrical and Electronic Engineering
Master of Science in Electrical and Electronic Engineering
Master of Engineering in Electrical and Electronic Engineering
Bachelor of Science in Electrical and Electronic Engineering

Programmes under the Department of Computer Science and Engineering (CSE)

Doctor of Philosophy in Computer Science and Engineering
Doctor of Philosophy in Computer Science and Applications
Master of Science in Computer Science and Engineering
Master of Engineering in Computer Science and Engineering
Master of Science in Computer Science and Applications
Bachelor of Science in Computer Science and Engineering
Bachelor of Science in Software Engineering

Programmes under the Department of Civil and Environmental Engineering (CEE)

Doctor of Philosophy in Civil Engineering
Master of Science in Civil Engineering
Master of Engineering in Civil Engineering
Bachelor of Science in Civil Engineering

FACULTY OF SCIENCE AND TECHNICAL EDUCATION (FSTE)

Programmes under the Department of Technical and Vocational Education (TVE)

Doctor of Philosophy in Technical Education
Master of Science in Technical Education
Post-Graduate Diploma in Technical Education
Bachelor of Science in Technical Education
Bachelor of Tourism and Hospitality Technology
Diploma in Technical Education

DIFFERENT LABORATORIES AND WORKSHOPS

With a view to enabling the students to have hands on experience and to properly understand the applicability of theories taught in the class rooms, the following laboratories and workshops have been established.

Department of Mechanical and Production Engineering (MPE)

- * Thermodynamics Lab
- * Internal Combustion Engines Lab
- * Heat Transfer Lab
- * Fluid Mechanics and Machinery Lab
- * Refrigeration and Air Conditioning Lab
- * Metrology Lab
- * Drawing and Design Lab
- * Machine Shop with NC and CNC Machine Tools Lab
- * Fitting Shop
- * Fabrication and Welding Shop
- * Foundry Shop
- * Applied Mechanics and Control Lab
- * Instrumentation and Measurement Lab
- * Automotive Workshop
- * Renewable Energy Lab
- * Simulation Lab
- * Chemistry Lab



Department of Electrical and Electronic Engineering (EEE)

- * Electrical Circuits Lab
- * Electrical Machines Lab
- * Power Systems Lab
- * Electrical Workshop
- * Switchgear Lab
- * Electronics Lab
- * Electronic Workshop
- * Radio and Television Engineering Lab
- * Microwave and Telecommunication Lab
- * VLSI Circuits Lab
- * Measurements and Instrumentation Lab
- * Biomedical Engineering Lab
- * Physics Lab
- * High Voltage Engineering Lab
- * Digital Signal Processing Lab
- * Control, Microprocessor and Micro-controller Systems Lab



Department of Computer Science and Engineering (CSE)

- * Programming Lab
- * Linux Lab
- * Database and Software Development Lab
- * Systems and Networking Lab
- * Graphics and Vision Lab
- * Hardware and Interfacing Lab
- * Mobile Applications and Gaming Lab



Department of Technical and Vocational Education (TVE)

- * Language Lab
- * Audio-Visual Lab
- * Photographic Processing Lab
- * Computer Aided Instruction / Educational Technology Lab



Department of Civil and Environmental Engineering (CEE)

- * Structure Lab
- * Concrete Lab
- * Geotech Lab
- * Hydraulics Lab
- * Transportation Lab
- * Environmental Lab
- * Survey Lab
- * Water Resources Lab



ICT Centre

- * Computer Aided Design Lab
- * Advanced Computing Lab
- * Programming Lab.



EXISTING PHYSICAL FACILITIES

The Campus of IUT is spread over an area of 30 acres of land. The architectural plan and design of the Campus were done by Pamir Mehmet, an MIT graduate, a renowned Turkish architect. The physical layout is shown on the inside front cover.

The following buildings with a total floor area of about 35,393 m² have been built.

- Administrative Building – 3 storied
- First Academic Building – 5 storied
- Second Academic Building – 6 storied
- Third Academic Building – 1 story
- Civil Workshop Building – 1 story
- North Workshop – 1 story
- Middle Workshop – 1 story
- South Workshop – 1 story
- Auditorium – 2 storied
- Mosque – 2 storied
- Ablution Point – 1 story
- South Halls of Residence (Male) – 5 storied
- North Halls of Residence (Male) – 5 storied
- Common Facilities Building (Male) – 4 storied
- Female Hall of Residence – 6 storied
- Female Common Facilities Building – 5 storied
- Female Dormitory shop – 1 story
- Student Centre – 1 story
- Gymnasium – 1 story
- Cafeteria and Library Building – 2 storied
- ‘D’ type Apartment – 4 storied
- ‘E’ type Bungalows (2 Nos.) – 2 storied
- ‘F’ type Bungalow – 2 storied
- Medical Centre and Laundry Building – 1 story
- Ansar Barrack – 1 story
- Main Gate and Arcade
- Old Gate
- Five Fundamentals of Islam
- Pump House (2 Nos.) – 1 story
- Sub-Station Building – 1 story
- Generator Building – 1 story

ACADEMIC REGULATIONS

The regulations related to academic matters including Admissions, Examinations and Students' Discipline are given in the booklet "ACADEMIC REGULATIONS". Some important regulations are quoted below.

ATTENDANCE

To be eligible to sit for the Semester Final Examination, students must attend at least 85% of the total number of periods of Lectures/Tutorials/ Laboratories/ Workshops/Field work in that course during the semester.

In special circumstances, the Vice-Chancellor, on the recommendation of the Head of the Department, may condone 10% of the required attendance on grounds of serious illness of the student on production of certificate by a Registered Physician or reasons acceptable to the University.

The attendance rule for the online classes due to COVID-19 is revised and there will be no barring due to attendance in the winter semester of A.Y. 2020-2021. Attendance marks will be given according to the percentage of classes a student is present.

GRADES

A student will be declared to have passed the Semester Examinations when he passes in all the subjects of the Semester having minimum CGPA of 2.00 for Diploma in Technical Education, Bachelor of Science in Technical Education, Bachelor of Science in Engineering, Bachelor of Business Administration. Details for Postgraduate Programmes in Engineering and Technology can be found in the book titled "RULES AND REGULATIONS FOR POSTGRADUATE PROGRAMMES".

REGULAR EXAMINATIONS

Final grade in any theoretical course shall be on the basis of the total aggregate of marks secured by the student in attendance, the quizzes, the mid semester examinations and semester final examinations. A student missing any quiz or the mid semester examinations or the semester final examinations shall be considered to have got zero in that quiz or examination of that subject. If any student fails to attend the required percentage of attendance / pass in any theoretical course / practical course, he will have to appear referred / backlog / short-semester as per rule.

Summary of the Marks Distribution:

	Attendance	Continuous Assessment	Mid	Final Exams	Total
Online Semester	10%	30%(Quiz / Assignment / Viva or Combination)	25%	25% written +10% viva	100%
Regular Semester	10%	15% (Quiz)	25%	50%	100%

REFERRED EXAMINATION

A student failing to pass maximum two courses may be allowed to sit for an examination called “Referred Examination” on the course or courses to be held normally within two weeks after publishing of the examination results. The referred examinations are for only courses of the current semester. Those who will fail in more than two subjects, shall appear in only two subjects as registered by the student. The remaining subject(s) will be added to the student’s backlog subject(s). If a student fails in the referred examinations, the failed subjects will be added to his/her backlog subject(s).

BACKLOG EXAMINATION

A student with backlogged subject(s) may apply for appearing in “Backlog Examination”. The registered backlogged exams will not be more than 06 courses. The examination fee required for backlog exam is \$15 per credit hour for theoretical courses. In case of the lab/sessional course the fee is \$60 per credit hour.

SHORT SEMESTER

Students who will fail to fulfill the required percentage of attendance in any course or fail to attend any course may have the chance to attend the course in short semester as per rule. The payment for Short Semester theory courses (class and exam) will be US\$ 40.00 per credit and lab courses US\$ 60.00 per credit.

ABSENCE DURING THE SESSION

In exceptional circumstances, students who require to go home and to leave the host country during the session or cancel semester classes, will have to apply to the Registrar stating the reasons through the respective Head of the Department and the Provost and take a clearance from the Registrar. S/he has to report to the Registrar after their return to the University or resume semester classes. But the attendance clause is not relaxed in this case. The student is responsible to maintain the minimum attendance.

WITHDRAWAL

Due to medical reasons and on the recommendation of the Chief Medical Officer of IUT, a student can withdraw from the session for one year and can rejoin after full recovery by submitting the certificate of fitness from the doctor who treated him. A student may also apply to withdraw on any other ground as recommended by the concerned HoD, Registrar and approved by the Vice Chancellor as per IUT rules.

TRANSCRIPT AND CERTIFICATE

Students completing a programme successfully will be provided with a transcript on payment of fees as notified by the office of the Registrar according to the procedure of the office of the Registrar. If there are any dues or fines to be paid, the student must clear those before providing transcript or certificate.

DISCIPLINE

Islamic University of Technology is the symbol of Islamic Solidarity and Joint Islamic Action. This is a cauldron where differences will diminish, brotherly and sisterly feeling will flourish and ideals of Islam will prevail. It is, therefore, imperative that the students coming from various Member States spreading over four continents and having varied cultural background will have a harmonious life at the University leading towards a perfectly disciplined environment which is a prerequisite for an educational institution of excellence.

The authorities will therefore expect every cooperation from all the students for maintaining law, order and discipline. If, however, any student is found guilty of any misbehavior, disobedience, insubordination, misconduct, or of negligence to his academic duties or if his/her acts appear disrespectful towards the authorities, teachers and other staff, fellow students, members of the public, rules and regulations of the University or towards the tenets of Islam, strict disciplinary action will be taken against him/her in the form of warning, imposition of fine, expulsion for a specific period or expulsion for good from the University and/or hall of residence, or in any other prescribed form depending on the magnitude and nature of the offence and as directed by the authorities. Ragging/teasing/bullying in the campus is strictly prohibited and is considered as a punishable serious offense. All students are instructed to refrain from any such activity. Formation of any students' association apart from the official Students' Welfare Association is prohibited under the Academic Regulations of IUT. All the students are therefore asked to refrain from forming any association and not to participate in any such illegal activity. No student is allowed to keep any pet in the campus. Additionally, possession, consumption, manufacture, distribution, storing of any narcotic material, alcohol, drug, arms, ammunition, non-ethical substances and to abet in the above activities are strictly prohibited and disciplinary actions including expulsion will be taken up for violating this rule.

DRESS CODE

The students of IUT are hereby advised to refrain from wearing such dresses as listed below in any academic environment. However, there is no restriction in using these dresses in Halls of Residence or play grounds and non-academic environments. IUT Authority expects spontaneous and sincere cooperation in this regard from students in order to maintain a decent academic ambience.

Dresses Forbidden in Academic Places

1. Sleeping dresses
2. Sports trousers
3. Half / three-quarter pants
4. Ragged jeans
5. Sleeveless T-shirts
6. Half Sleeve T-shirts without collars
7. T-shirts with unusual prints on front and back sides
8. Visible ornaments of any kind (only for men)
9. Slippers

All the dresses should be in compatible with Islamic values.

ACCOMMODATION

All the students studying on the OIC full or partial scholarships will be offered accommodation in the Halls of Residences. Self Finance students may be given accommodation based on availability and the policy of the university. The residential student/Trainee will reside in the seat/room of the Hall of Residence allotted to him/her and shall not allow any guest without prior permission of the Provost. Nobody shall use any part of the hall of residence for cooking and eating. Maintaining halls of residence in clean and tidy conditions is a shared responsibility. Every member of the hall of residence should help keep the room, veranda, corridor, toilets etc. clean and keep their waste materials in the place earmarked for the same. No food/utensils/plate/glass etc. should be brought to the hall of residence from the Cafeteria. All male students should be inside the campus by 10 p.m. and female students by before Salatul Magrib prayer. No student should do any activity that disturbs other students and tranquility of the hall environment. Outside cable and telephone connections are not allowed. No illegal and unauthorized materials should be kept in Campus, and possessions, consumption and trading of such materials are strictly prohibited and will be dealt with severely. Anybody having the knowledge about the presence of such materials should inform the Hall Authorities immediately. A code of conduct has been prepared and may be obtained from the office of the provost for both Halls of Residence (male and female). Students will be responsible for safe keeping of all the properties and valuables belonging to them.

Arrangement of Accommodation and Food in the Cafeteria during the Vacation

The inter session break period is treated as vacation for the students and no residential student should reside in the Halls during the vacation unless permitted to stay under special circumstances. The following principles shall be followed in this matter:

- a) Graduated students shall have to vacate the Halls of Residence within 7 days of the Convocation or as notified by the Authorities.
- b) Continuing students of 2nd, 3rd and 4th Year classes must also vacate the Halls of Residence during the vacation period. The expatriate students who cannot go on vacation to home/outside may be permitted on application to stay in the Hall and to take food in the Cafeteria, when permitted by the Provost of Halls of Residence.
- c) After completing one academic Programme, if the student is accepted for admission in another Programme of IUT, then the student will be charged for food and lodging at the rate of US\$ 2.00 per day till the date of his registration in the second Programme.
- d) Only permitted students will be allowed to take their food from the Cafeteria.

OUTGOING STUDENTS

The final year students of all programs (including one year programmes) are required to contact their nominating authorities for arranging their return air tickets in advance two months before the convocation day so that they can return home immediately after the Convocation without waiting for the ticket.

In any case, they are required to vacate their seats within 7 (seven) days from the day of convocation or as notified by the authorities. In exceptional circumstances, a student may apply to the Registrar for allowing him to stay in the campus for few more days and all such ex-students will be charged US\$ 5.00 per day for food and lodging.

MONTHLY POCKET ALLOWANCE

Depending on the availability of funds from the contribution of the Member States, the University may disburse **a monthly allowance in Taka (Bangladeshi Currency) equivalent to US\$ 45/- to the bonafide regular students** to their bank account as pocket allowance to help cover the cost of stationery, books, laundry, local transport, additional food, etc. Pocket allowance is payable only to the regular students within the fixed period of his/her programme as per rule.

CAUTION MONEY

A refundable caution money of US\$ 3.00 per month for Library, Laboratories, hall of residence etc. and a non-refundable charge of US\$ 3.00 per month for supply and cleaning of linen (2 bed sheets, 2 pillow covers and 1 bed cover to

be returned at the end of the programme) and as establishment charge of the Cafeteria and mandatory membership fee of the Students Welfare Association to be decided by the House of Representative of the Association are required to be paid by each student and this will be deducted from a student's monthly pocket allowance if this is not paid in advance. All students should pay their dues in time. If any amount remains due from any student, he may not be allowed to take his grade sheets and transcript. Refund of caution money after appropriate deductions will be made only after the student submits his return plan to the Registrar along with a copy of the ticket.

STUDENTS' WELFARE ASSOCIATION

Students' Welfare Association is intended to facilitate establishing a channel of communication between the students and the administration with a view to ensuring welfare of the students' community and developing leadership qualities in them.

The House of Representatives of the Students' Welfare Association will be constituted as per the rules and standing orders enshrined in the constitution of the Students' Welfare Association.

VISITORS

Visitors may be received at the Main Gate guest room. Students and trainees are strictly prohibited to have guests/visitors inside the University Campus without the prior permission of the Registrar. Guests are not allowed to enter the students' halls of residence without the prior permission of the Provost. If any student/trainee violates these rules, disciplinary action will be taken against the student/trainee.

VISA SERVICES

• Incoming Students

Incoming international students must obtain visa before arriving in Bangladesh. If there is no Bangladesh mission in his/her country, students are required to contact Bangladesh Missions in other countries. However, at the moment, all educational institutions in Bangladesh have been under lockdown since March 2020 due to the upsurge of the COVID-19 Pandemic in the country. Therefore, no student will be allowed to enter IUT campus until the lockdown is lifted. When the situation becomes normal, all students will be informed accordingly.

• Extension of Visa

Continuing students are required to extend their visa well ahead of its expiry by filling in on-line visa form available at <http://www.visa.gov.bd> and submit the printout of the same with their passports and other necessary documents to the Registrar's Office, which on checking of the documents, will issue a recommendation letter and hand over all the documents to the concerned student

for submission to the following office:

**Department of Immigration and Passports
Govt. of the People's Republic of Bangladesh
E-7, Agargaon, Shere-E-Bangla Nagar
Dhaka-1207, Bangladesh**

If required, the students may take the help of senior students / Registrar's Office in the matter.

The students will have to bear the visa fee and other related expenditures on this account. Students with only landing permission or short visa are advised to contact the Registrar's Office at least 01 (one) month before the expiry of permission/visa for necessary advice on the matter.

Students are advised to be very careful in getting their visa extended before its expiry in order to avoid fine for each day of delay. The authorities may also deport the defaulter from Bangladesh or take other legal action. The University will not bear any responsibility for any default or payment of fines in connection with visa. Students are solely responsible for matters related to their own visa.



ACADEMIC CALENDAR FOR A.Y. : 2020-2021

Academic Calendar for Online Winter Semester for Newly Admitted Students

Event	Date
Starting of Regular Courses	07 June, 2021, Monday
Eid ul Adha holiday	19 July – 23 July, 2021
Classes resume	26 July, 2021, Monday
End of classes before Mid Semester Examination	13 August, 2021, Friday
Mid-Semester Examination	16 August - 28 August, 2021
Classes resume after Mid-Semester Examination	30 August, 2021, Monday
End of Winter Semester Course work	15 October, 2021, Friday
Semester Final Examination	18 October – 06 November, 2021
Beginning of Summer Semester	Will be announced later

Academic Calendar for Online Winter Semester for Continuing Students

Event	Date
Starting of Regular Courses	19 April, 2021, Monday
Eid ul Fitr holiday	10 May – 14 May, 2021
Classes resume	17 May, 2021, Monday
End of classes before Mid Semester Examination	11 June, 2021, Friday
Mid-Semester Examination	14 June - 26 June, 2021
Classes resume after Mid-Sem Examination	28 June, 2021, Monday
Eid ul Adha holiday	19 July – 23 July, 2021
Classes resume	26 July, 2021, Monday
End of Winter Semester Course work	27 August, 2021, Friday
Semester Final Examination	30 August - 18 September, 2021
Beginning of Summer Semester	Will be announced later

LIST OF HOLIDAYS ACADEMIC FOR A.Y. : 2020-2021

21 February	-	Shaheed Day and International Mother Language Day of the host country
17 March	-	Birth Anniversary of Father of the Nation of the host country
26 March	-	Independence and National Day of the host country
29 March*	-	Shab-e-Barat
14 April	-	Bangla New Year
1 May	-	May Day
07 May*	-	Jumatul Bida
10 May*	-	Shab-e-Qadr
10-14 May*	-	Eid-ul-Fitr
19-23 July*	-	Eid-ul-Azha
15 August	-	National Mourning Day of the host country
19 August*	-	Ashura (Muharram)
19 October*	-	Eid-e-Milad-un-Nabi (SM)
16 December	-	Victory Day of the host country

* Subject to sighting of the moon



IUT TOWARDS CENTRE OF EXCELLENCE

The main objective of the University is to help develop human resources, particularly in different branches of science, engineering, technology, business and technical education to support social and economic development of the Member States of the OIC by trying to achieve academic excellence through dissemination, creation and application of knowledge in an Islamic environment. IUT Offers programmes for the award of degrees and diplomas in the fields of engineering, technology and technical education and in such branches of learning connected with these fields as per requirement of the member states and as approved by the competent authorities.

New programmes and different departments like Textile Engineering, Mechatronics, Nuclear Engineering, Urban Planning and Architecture, Water Resources Planning, Biotechnology, Safety Management Engineering and Biomedical Engineering, etc. will be launched and will raise the overall standard of education offered by the university through engagement of properly qualified and experienced faculty members, regular updating of course curricula, modernization of rules and regulations, upgrading of laboratories and other infrastructural facilities. Conduct, guide and promote research in engineering, business, industrial and technological fields and in technical and vocational education for the benefit of the member states of the OIC. Collaboration with renowned universities of the developed world with a view to exchange students and faculty members with them, to conduct joint research on contemporary issues, undertake infrastructural development to meet the demand of the day by raising the student population from the present level about 15000 gradually within the designed time frame and thereby upgrade the status of the university. Centre for Sustainable Development, Climate Change Studying, Appropriate and Green Technology, Sustainable Development, Manufacturing Research, Entrepreneurship Development, Genetics etc. will also be opened with the span of development phases.

IUT has formed a new unit for Accreditation and Quality Assurance (AQA) with an aim to improve the quality of education and research in IUT. AQA has a future plan to upgrade IUT from Teaching University to Research University. AQA is working hard and adopting plan for getting accreditation by both national and international accreditation bodies.

Keeping its vision and mission in mind, the University is in the process of preparing a Master Plan which will ensure optimum utilization of its available land space within the campus. This will incorporate the present as well as future physical facilities that the university will require with the increase of the number of students and programmes phase by phase over the years with the inclusions of the vertical extension of the existing buildings and construction of new multi-purpose structures including state of the art laboratories and workshops, smart class rooms considering the needs of the students and demand of the digital age with a view to preparing the youths of Ummah to face the challenges of the 21st century.

ORGANISATION OF ISLAMIC COOPERATION (OIC)
ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
منظمة التعاون الاسلامي (أو ائي سي)
الجامعة الإسلامية للتكنولوجيا (ا ئي يوت ي)
ORGANISATION DE COOPÉRATION ISLAMIQUE (OCI)
UNIVERSITÉ ISLAMIQUE DE TECHNOLOGIE (UIT)

