

Usman Institute of Technology

Affiliated with NED University of Engineering & Technology

UNDERGRADUATE PROSPECTUS 2021-22



It's Time to Learn

Curiosity &
Imagination

Initiative &
Entrepreneurship

Agility &
Adaptability

Gain Superb Subject &
Interdisciplinary Knowledge

Effective Oral & Written
Communication

Critical Thinking &
Problem Solving

Accessing & Analyzing
Information



PROSPECTUS 2021-22



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The contents of this prospectus have been presented as clearly as possible, but in case of any ambiguity the interpretation of UIT's Management will be taken as final.

UIT reserves the right to modify any statement or condition in any section or part in this prospectus as it deems fit. It accepts no responsibility for any consequences of such modifications.

Convocation 20-21
held at NED University of Engineering & Technology

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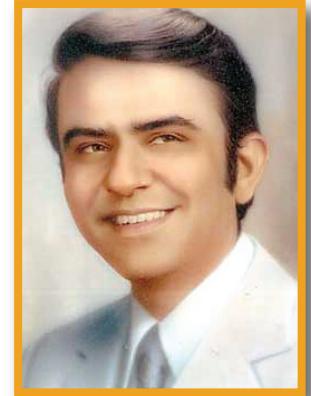
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In the Memory of Muhammad Usman (1935-1973)

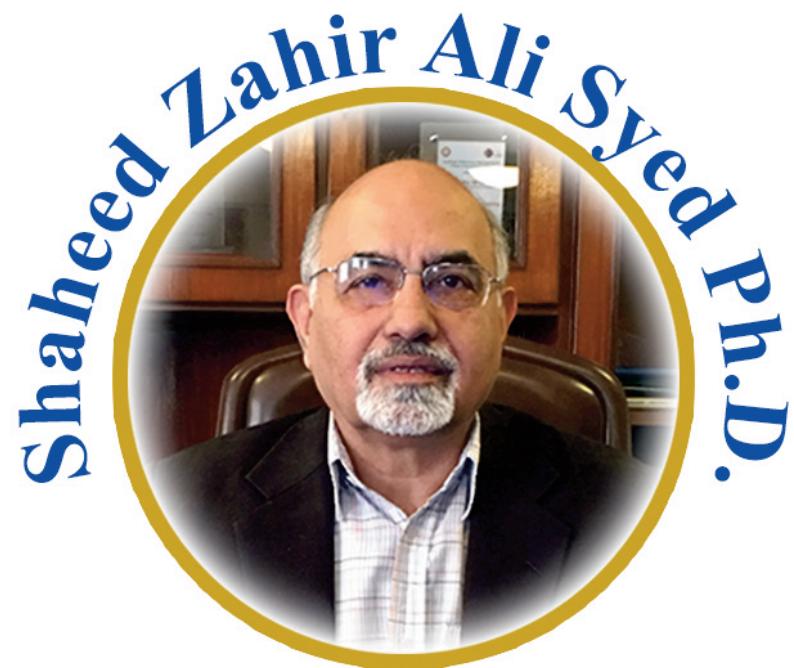
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Usman Institute of Technology was established under Usman Memorial Foundation by the Hasham Family in the memory of their eldest son, Mohammad Usman, who left this world at a young age in a tragic accident.

A befitting tribute to the departed soul and an extraordinary gift to nation, the Usman Institute of Technology upholds the noble mission of service above self in furthering the cause of higher education.



In Memory



Shaheed Zahir Ali Syed Ph.D.

1949-2021

Shaheed
Prof. Dr. Zahir Ali Syed

In recognition of his exemplary services as
Director Usman Institute of Technology

He led the Institute and was deeply committed to quality education with an unwavering belief that it is the means to transform this nation

Director's Message

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UIT: Discovering the opportunities

Usman Institute of Technology (UIT) is perhaps the most exciting destination for smart students who are keen to make a difference. To do the best for our students, how to improve their learning and how they can contribute, drives us in our strategy and execution.

UIT is a mature institution with over a quarter century of teaching and training our best and brightest. Our programs are accredited by the Pakistan Engineering Council and National Computing Education Accreditation Council at their highest levels. Many of our over 4000 alumni have risen to leadership positions in technology and other areas not only in Pakistan but globally. Our recent graduate placement has been superb both for employment and for further studies.

This is an exciting time to be working with technologies. There are few amongst us who do not use mobile phones daily. These are technological products which in turn continue to facilitate new utilities like Careem, FoodPanda, Google Maps, Whatsapp and more. The ubiquitous use of technologies extends beyond apps. Cars at one time had only simple electrical systems consisting of a starter, an alternator, light and a battery. Today 30% or more of the cost of cars is electronics. These advances have led to better fuel efficiency and improved safety with anti-lock braking systems (ABS). All of these advancements require understanding of technologies and how to apply them appropriately. Acquiring fluency in these areas leads to great opportunities not only for employment but also for entrepreneurship and startups.

Our best days are still ahead of us at UIT. There are cataclysmic changes in scientific and technical education and we at UIT, dedicate time to keep abreast of these and continually incorporate the best and more suitable into our teaching. We invest in learning from respected institutions and initiatives. The majority of our faculty has taken training from Aga Khan University Institute for Education Development in active learning. Conceive, Design, Implement and Operate (cdio.org) "is an innovative educational framework for producing the next generation of engineers". Many of our faculty members continue to use CDIO methods to improve their teaching.

Our efforts have been validated both in Pakistan and more recently globally. We are amongst the top in the number of final year projects funded by IGNITE (formerly ICT R&D Fund). This is even more remarkable when one considers the small size of UIT's student body.

We have an amazing open-source computer chip design effort at UIT called Micro Electronic Research Lab (MERL). In 2021, the only person selected from Sindh for Google Summer of Code was one of our students from UIT-MERL. Our students and faculty have led seminars and workshops on how to learn to do open source chip design and these have been attended by hundreds of students from Pakistan and abroad. Our MERL students have been invited to present at the leading international conferences of their fields.

Over the years, we have encountered many very bright students who have performed below their potential in intermediate and A' levels. To better serve such naturally bright students, we have created a student-centric ecosystem better engage and help them achieve their best.

We look forward to being facilitators in your four years of learning, growing and maturing at Usman Institute of Technology.



Shoaib Zaidi Ph. D.
Prof. & Acting Director, UIT

UIT's Motto

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Would you not deliberate?

This is a question that the Quran puts to mankind. In interpretation, however, it is a subtle call for thinking, contemplation and reflection, a theme that has been repeated in the Quran several times in a variety of contexts. The Quran has not simply handed down an advocacy for thinking and reflection as a free-floating abstract, but has provided a kind of pathway starting with thinking about "self" to the "creations in the universe," "conquest of universe and forces of nature," leading ultimately to the understanding of the Creator Himself.

This Divine Message is placed in the logo for our students, other members of the UIT family and anyone who reads it to engage in reflective thinking along the lines prescribed in the divine guidance.

For example:

"Do they not reflect within themselves?" [30:8]

"Indeed, in the creation of the heavens and the earth and the alternation of the night and the day are signs for those of understanding who reflect on the creation of the heavens and the earth, [saying], Our Lord, You did not create this in vain."

"And We (thus) present to people similitudes that perhaps they will think." [59:21]

"He has made subject to you the Night and the Day; the Sun and the Moon and the Stars are in subjugation by His command. Verily! in this are signs for men who use wisdom." [16: 12]

"Every human initiative starts with a thought, that is followed by action."

-Maulana Rumi

Allama Iqbal lamented just over a century ago in his Reconstruction:

"For the last 500 years, religious thought in Islam has been practically stationary."

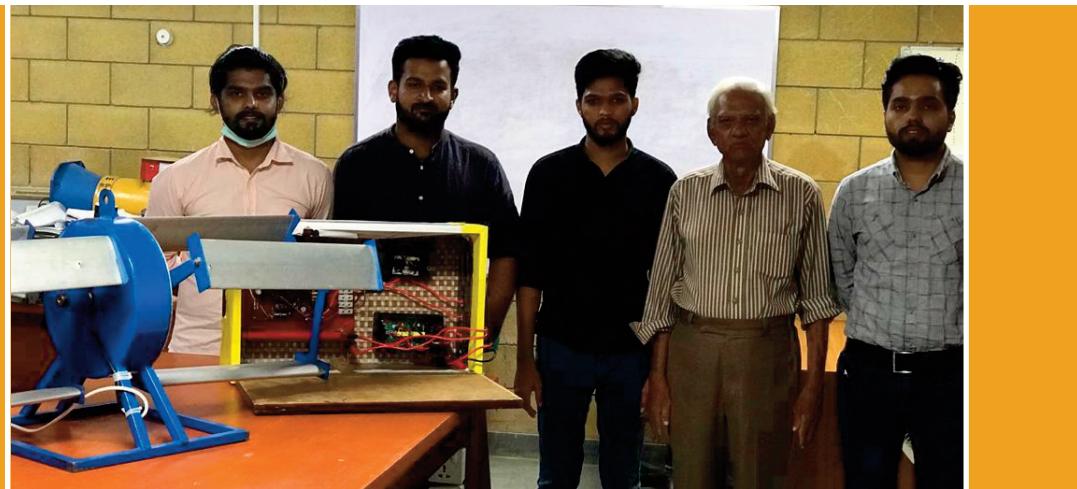
We, at UIT, believe in and encourage our campus community to reflect, be curious and ask questions.

Why UIT?

After a quarter of a century of proven excellence, Usman Institute of Technology (UIT) is now embarking on the journey to reach the next level of excellence. Some key features of UIT are highlighted here:

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Students' Project on Water-Driven Energy Production

World Class Holistic Professional Education

1. Electrical Engineering, Computer Science and Software Engineering Education at the undergraduate level.
2. Focus on conceptual and enquiry-based learning on the globally recognized Outcomes Based Education.
3. UIT education develops an all-rounded professional capable of playing an active and constructive role in the society.

Not in it for Money

1. Established in 1994, through a benefaction of Usman Memorial Foundation, UIT is a not-for-profit institution. Any surpluses generated, are fed back into the development of UIT.

Accreditations

1. All UIT engineering batches have been accredited by the Pakistan Engineering Council on OBE Level II (which is the highest category).
2. Computer Science programs are accredited by NCEAC (National Computing Education Accreditation Council). UIT has been accredited in the "W" category for three years. This is a great honor for UIT as at the time of the award only 6 universities/institutes in Karachi and 18 in Pakistan had attained this distinction.

Your Path to "Hands-On" Research and Development

1. UIT provides excellent opportunities to its students to engage in exciting and challenging research and development projects for the benefit of our society.
2. Many UITIANS have won foreign scholarships and awards based on their research and development activities at UIT.
3. Many UIT projects are funded by outside organizations, like IGNITE, and the industry. In fact, UIT is ranked amongst the top winner of the IGNITE final year project grants .

Qualified and Experienced Faculty

1. UIT is home to sterling faculty members who are thought leaders in their respective domains. The standards set for qualifying as faculty members are stringent and only the very best teach at UIT. These faculty members enjoy a close relationship with their students and serve as mentors, counselors and advisors. In many cases, these relationships last a lifetime.
2. UIT appreciates that one size does not fit all. Each student is unique and has individual learning needs. Our faculty members work with students in determining the best approach to maximize student learning. The academic decision-making processes are all-inclusive and give adequate weightage to students' input.
3. UIT invests heavily in faculty training and development. Faculty members are exposed to rigorous "Active Learning" training sessions. UIT has engaged stellar institutions specializing in teacher training in this endeavor. UIT has also embarked on the global Conceive, Design, Implement and Operate (CDIO) initiative and is a pioneer in Pakistan in taking this approach.



IGNITE NGRI Award Winner for White Coal Project

4. UIT faculty members are actively involved in publishing books, research papers, and reports. Many research papers are published in tier-1 journals.
5. Understanding the role of an institution of higher learning, UIT acknowledges its responsibility towards contributing to the society. UIT faculty members are actively pursuing projects of local and national relevance targeted at problems faced by society.

Over 4000 Graduates are Making their Mark in Pakistan and Abroad

1. UIT has developed a legacy in the areas of Electrical Engineering, Computer Science, and Software Engineering education. Over 4,000 UIT graduates to date are serving the industry, trade, and businesses. A number of them have started their own entrepreneurial ventures, and many have risen to top positions in their fields. A sample of such organizations are: Avanza Solutions; British Telecom; General Tyre & Rubber; HUBCO; King Fahd University of Petroleum & Minerals; Motorola; Orange Stream, Australia; Pfizer; Pakistan Telecommunication Company (PTCL); Saudi Electricity Company; Saudi Telecom Company; Shell; Siemens; Sony; Standard Chartered Bank; Telenor; Unilever; Ericsson; Huawei Technologies; Indus Motor Company; K-Electric; Mobilink; Mobily Saudia; National Telecommunication Corporation; Netsol Technologies; Pakistan Army; Pak Suzuki Motor; Pakistan Cables; Pakistan Security Printing Corporation; Ufone; Transworld Associates; Atlas Group; Cybernet; DESCON Power Solutions; Jaffer Business Systems.



Tania Aidrus shared her views and experiences with UITians

Graduates are Developed in a Wholesome Manner (Better Learners, Human Beings, and Citizens):

1. Students “Learn the ability to Learn”. This gives them the ability to handle new technologies that come their way even after their graduation. This is a key determinant of success in a world getting to human-machine singularity. The most sought-after resource will be a professional who are able to learn new technologies and skills on his/her own.

2. Students develop to be professionals and change agents who are ready to tackle the problems that beset our country. To do this, they develop skills such as leadership, critical thinking, innovation, inter-personnel, communication, and entrepreneurship skills. They are also imbued with the highest level of integrity, moral, and ethical values.
3. The academic journey includes humanities courses and extra-curricular activities alongside core subject areas. This creates professionals who are responsible and self-aware citizens who are vital for national progress.
4. Students learn to become compassionate towards the nature and society around them. They develop a keen sense of awareness of societal and environmental challenges that our society faces.

Scholarships and Financial Support

1. UIT offers generous scholarship and support to its students. Please see the section titled “Financial Aid and Awards” on page 78.

Industry-Academia Relationship

1. UIT produces professionals for the industry. It is imperative that the industry should be an integral part of the decision making spectrum at UIT. UIT is working towards establishing a very strong and mutually beneficial industry-academia relationship. The department of Industrial Liaison is responsible for student internships, job fairs, pre-employment training and coaching, industrial visits and workshop and seminars. Moreover, there is a strong emphasis on the participation of employers in running of our programs.

**The educated differ
from the uneducated
as much as the living
from the dead.**

Attributed to Aristotle

High Quality Facilities

1. State-of-the-art-laboratories, well-stocked library and purpose-built classrooms.
2. Wi-Fi enabled campus.
3. Indoor Sports.

Convenient Location and Peaceful Environment

1. The central location of UIT Campus in mid of the population center is an advantage for most as it enables easy accessibility from all parts of the City.
2. UIT students don't get involved in activities that are counterproductive to education. Consequently, for nearly a quarter of a century of our existence, our campus has remained peaceful and, InshaAllah, it will continue like this for years to come.

UIT Produces Winners

1. The Final Year Projects of UIT students have been awarded many prizes at various national and international competitions.



Farwell Party



Convocation 2020-21



Seminars and talks are a regular feature of the student life at UIT

Vision, Mission & Governance

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Vision

To be a center of excellence for creating new and useful knowledge, and to produce professional leaders who can compete with the best in the world. In a nutshell, bring about a paradigm shift in the quality of life of the people of Pakistan.

Mission

To create new and useful knowledge for solving local and global problems. To produce leaders who are technically excellent, socially and environmentally responsible, innovators, professionals, and entrepreneurs who would act as change agents for the betterment of society and Pakistan.

Core Values

Faith, moral uprightness, professional competence, humanity, and love of nature, pursuit of excellence, innovation, integrity, and life-long learning are values to be adopted, practiced and preached. The physical facilities, environment, culture, and ambience of UIT are reflections of its vision, mission and core values. Similarly, the conduct and behavior of its faculty, students, and staff embody these core values and manifest these in their lives.

Objectives

In pursuit of this mission, UIT endeavors to create new and useful knowledge that:

- 1 Is of applied nature
- 2 Can be used to solve problems that are faced by Pakistan and the world at large and to train a community of engineers, technologists, computer scientists, both men and women who:
 - Are better human beings
 - Are better citizens
 - Are lifelong learners
 - Are application-oriented
 - Are capable of independent and critical thinking
 - Are innovative and resourceful in solving complex problems
 - Have the entrepreneurial spirit
 - Have strong interpersonal and managerial skills
 - Show tolerance to others' views
 - Treat humanity, nature, and environment with respect and affection
 - Promote engineering products, software exports, attract investments and technology transfers
 - Undertake endeavors to put Pakistan at par with the developed nations

Governance

UIT ensures compliance with the rules and regulations of relevant statutory bodies and policies of Usman Memorial Foundation (UMF).

UIT is governed by the Management Committee of UMF, under best governance practices that safeguard the interests of all its stakeholders.

Mohammad Kasim Hasham

President

Mohammad Ebrahim Hasham

Member

Mohammed Hussain Hashim

Member/Treasurer

Khurram Kasim

Member

Ahmed Ebrahim

Member

Mohammed Bashir Kodwawala

Member

Mehmood Nanji

Member

Samir Hoodbhoy

Member

Shabana Naz

Secretary

**An investment in
knowledge pays the
best interest.**

Benjamin Franklin

Affiliation and Degree Awarding Authority

All undergraduate degree programs of Usman Institute of Technology are affiliated with the NED University of Engineering and Technology.

Students, who comply with the conditions prescribed by the University and successfully fulfill the requirements of the degree programs, are awarded degrees by NED University of Engineering & Technology, Karachi.

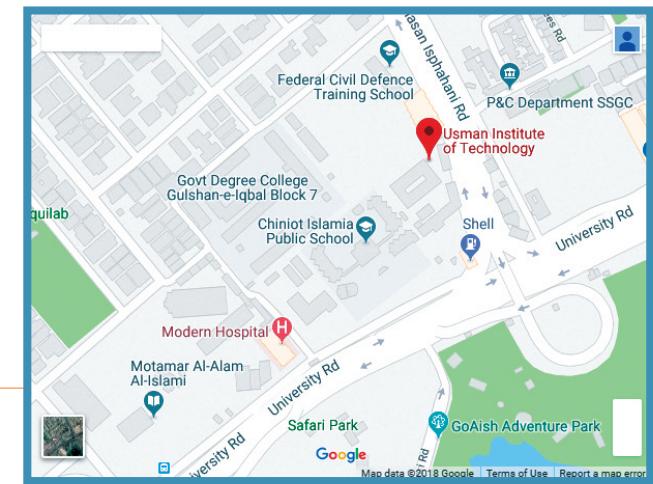
The Campus

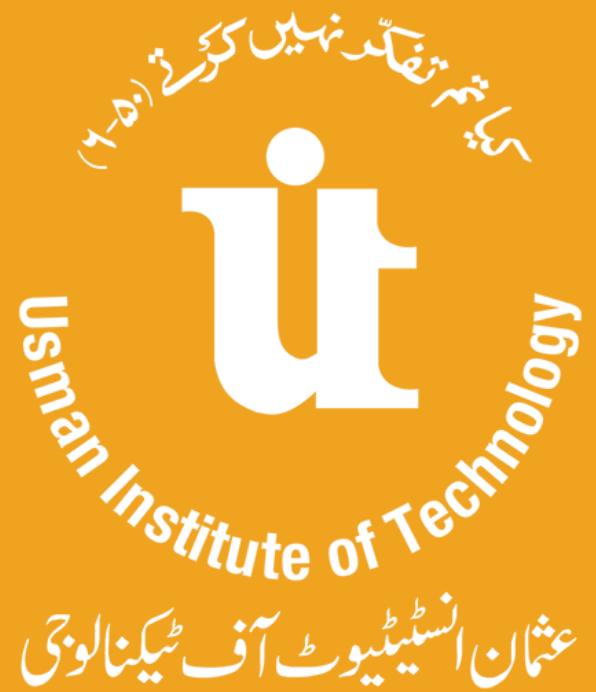
UIT's campus is conveniently located at the intersection of University Road and Abul Hasan Ispahani Road, Gulshan-e-Iqbal, Karachi. UIT campus is environmentally friendly and its facilities are appropriate to the needs of a Centre of Excellence in the field of Engineering, Science & Technology, and Social Sciences.

Its infrastructure provides:

- Purpose-built classrooms
- Well stocked library with internet facility
- Wi-Fi enabled campus
- State-of-the-art laboratories
- Cafeteria
- Auditorium
- Seminar Room
- Sports facility i.e. table tennis, basketball etc.

The campus buildings are punctuated with aesthetically laid out plantation and multicolored flowers that serve as an ideal backdrop to an extremely absorbing environment of serious technical education pursuit.





OUR ESTEEMED FACULTY MEMBERS



PROFESSORS



Shoaib Zaidi, PhD
 PhD (Electrical Engineering)
 University of New Mexico, USA
 MS (Electrical Engineering)
 University of Texas at Dallas, USA
Acting Director & Head of Academic Programs



Prof. Dr. Abid Karim
 Fulbrighter, Post Doc.
 University of Iowa, USA
 PhD (Electrical Engineering)
 The University of Bath, UK
 MSc (Opto-Electronics and Optical Information Processing),
 The Queen's University of Belfast, UK
Head ORIC



Dr. Syed Talha Ahsan
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 MS (Electrical Engineering - Communication & Signal Processing)
 The Ohio State University, USA
Head, Department of Electrical Engineering



Engr. Parkash Lohana
 MS (Computer Science)
 University of Detroit Mercy, USA
Acting Head, Department of Computer Science



Prof. Dr. Abdul Qadir
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 NED University of Engineering & Technology
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Dr. Syed Roomi Naqi
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Prof. Engr. Shaikh Ghulam Hussain
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 University of Nottingham, UK



Engr. Nasreen Naqi
 MSc (Electrical Engineering)
 Clarkson University, USA
 MSc (Applied Mathematics)
 University of Karachi
 Presidential Academic Distinctions Award of Izzaz-e-Fazeelat



Engr. Raza Abbas Jafri
 PhD Scholar
 NED University of Engineering & Technology
 MSc (Electrical Engineering)
 University of Engineering & Technology, Lahore
Head QEC



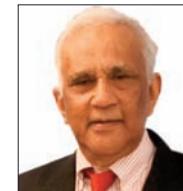
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 Assoc. Professor of Practice



Dr. Syed Anwer Ali
 PhD (Mathematics)
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 MS (Mathematics)
 University of Karachi



Prof. Dr. Muhammad Ghazanfar Ullah
 PhD (Telecommunication & Control Engineering) Mehran University of Engineering & Technology
 MEngg (Computer Systems)
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Prof. Dr. Mehtab Karim
 PhD (Sociology / Demography)
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 MA (Sociology / Demography)
 Cornell University
Research Professor of Practice

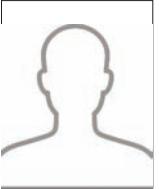
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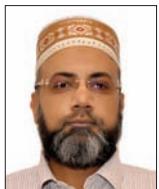
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Dr. Ali Ahmed
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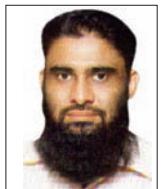
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Engr. Atif Fareed
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Head, Department of Humanities & Basic Sciences



Engr. Rehan Ahmed Khan
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Engr. Adiba Jaffar
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MS (Computer Networks)
Hamdard University

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University of Sussex, UK
MS (Telecommunication)
Sir Syed University of Engineering & Technology



Muhammad Misbahuddin
MS (Software Engineering & Management)
Gothenburg University, Sweden
MCS (Information Technology)
PIMSAT



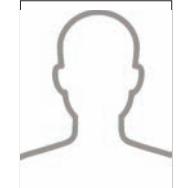
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Nisar Ali
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ASSISTANT PROFESSORS

SENIOR LECTURERS



Muhammad Usman Arif
PhD Scholar
MS (CSIT)
NED University of Engineering & Technology
MSc (Applied Physics)
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Engr. Shehla Andleeb
ME (Electronics)
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Engr. Farhan Ahmed Karim
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Usman Institute of Technology

LECTURERS



Engr. Rabbia Zuberi
ME (Telecommunication)
Usman Institute of Technology



Engr. Kashif Ali Arshad
ME (Industrial Electronics)
NED University of Engineering & Technology



Syeda Umme Aeman Kamal
MA (English Linguistics)
University of Karachi



Engr. Muhammad Asad Hussain
MS (Computer Network & Communication)
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Engr. Sana Sohail
ME (Electronic)
NED University of Engineering & Technology

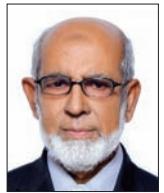


Syed Shahrooz Shamim
MS (Computer Sciences & IT)
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Ahmed Farid
MPhil (in progress)
MSc (Mathematics)
University of Karachi
MSc (Geophysics)
Bahria University

LECTURERS



Syed Muhammad Anzar Alam
MA (English Literature)
MEd
University of Karachi
CELTA
Cambridge University



Amir Khan
MPhil (in progress)
MA (Islamic Studies)
University of Karachi



Engr. Adnan Wahid
MS (Computer Science & Information Technology)
ME (Electronics, Micro System Design)
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Shabina Mushtaque
MS (Computer Science)
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NED University of Engineering & Technology



Syeda Anum Rashid
MS Computer Science
FAST-NUCES
BS (Computer Science)
University of Karachi



Noor-ul-Huda
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LECTURERS



Marium Ata
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NED University of Engineering & Technology



Engr. Bilal Iqbal
ME (Industrial Electronics)
BE (Electronic)
NED University of Engineering & Technology



Engr. Afifa Rasheed
Master in Energy Management
BE (Electrical)
NED University of Engineering & Technology



Syeda Sadia Salman
MS (Computer Science) Hamdard University
MSc. Islamia University

LAB ENGINEERS



Engr. Farhat Hasnain Naqvi
BS (Electronic)
Sir Syed University of Engineering & Technology



Engr. Fiaz Ahmed
ME (Power Systems)
BE (Electrical)
Quaid-e-Awan University of Engineering & Technology



Hajra Ahmed
ME (in progress)
BE (Computer & Information Systems Engineering)
NED University of Engineering & Technology



Rameen Anwer
BE (Computer Systems)
Usman Institute of Technology



Muhammad Timur
BE (Electronics)
Usman Institute of Technology

SENIOR LAB ENGINEER



Mirza Muhammad Farrukh Waheed Baig
PhD Scholar
ME (Micro System & Design)
NED University of Engineering & Technology

JUNIOR LECTURER



Fatima Shakeel
MS (Computer Science) (in progress)
NED University of Engineering & Technology
BS (Computer Science)
Usman Institute of Technology

Management Team

The management team at UIT is committed to providing state-of-the-art facilities and infrastructure support to help students and faculty in the pursuit of excellence leading to innovation in education and learning. The continuous vigilance system and regular maintenance of the physical facilities ensure high-level comfort to its stakeholders leading to facilitation in teaching, learning, and development. The management services include two major operational and support functions. The main operational areas include the Director's Office, Academic Programs, Academic Administration, Examinations, ORIC, Quality Enhancement Cell and Library whereas support departments include Administration, HR, Finance, Industry & Liaison, Student Affairs, and MIS.

UIT has an experienced and qualified team of professionals committed to the provision of best management services:

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Head of Academic Programs
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Dr. Abid Karim
Head Office of Research
Innovation and Commercialization
(ORIC)



Shabana Naz
Head Finance & Accounts
shnaz@uit.edu
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General Information

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Students are the most valued members of any educational institution. UIT is a firm believer in this and holds its students in high esteem. Students, regardless of their gender, socioeconomic, and ethnic background are equal members of the UIT campus community. As respectable members of this educational fraternity and hope of the nation, every effort is made to ensure student security on campus, preserve their dignity, self-respect, and aspirations.

UIT believes in a holistic development of students. Students are encouraged to take initiative and participate in a variety of committees, events, and sports; and in the process improve themselves.

Student Handbook

A Student Handbook is available on the website. All student-related information is provided in the Handbook so that the students may know their rights and duties. The Handbook walks a student through the various aspects of student life.

Student Affairs

Student Affairs Office is an integral component of student life on campus. It is a division of service and support to enhance students' growth and development. Moreover, it is a helpful guide to students prior to their admission to UIT and sustains this relationship for life as alumni of UIT. Students can access the Student Affairs Office in Academic Administration & Examinations Department.

Its service areas include, amongst others:

1. Student financial aid and scholarships
2. Student counseling in all academic, non-academic, and life matters
3. Academic advising and counseling (in coordination with faculty advisors)
4. Sports and other enrichment activities (in coordination with co-curricular activities committee)

Student Academic Advisors

To provide course-related guidance and support to students, faculty members are assigned additional responsibilities as "Student Academic Advisors". Student Academic Advisors are assigned a certain number of students that they mentor throughout the program. One-on-one and group sessions are arranged between the Student Academic Advisors and students every semester. Students are also encouraged to meet their Student Academic Advisor by appointment as needed. Student Academic Advisors' main responsibilities include:

1. Academic counseling to help build student confidence and hone their academic skills
2. Monitor their academic performance, give them timely advice, and arrange academic assistance where necessary

Academic Programs

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BACHELOR OF ENGINEERING

- | | | |
|---|------------------------|-------------------|
| 1 | Electrical Engineering | Computer Systems |
| 2 | Electrical Engineering | Electronic |
| 3 | Electrical Engineering | Power |
| 4 | Electrical Engineering | Telecommunication |

BACHELOR OF SCIENCE

- | | |
|---|----------------------|
| 1 | Computer Science |
| 2 | Software Engineering |

PROGRAM DETAILS

Each academic program has been developed in light of the latest industry requirements, strictly compliant with regulatory authorities like HEC, PEC and NCEAC and is at parity with the best programs offered around the world.

Each course is structured in a way that it enables the students to develop a sound theoretical understanding, analytical comprehension and hands-on application skills. This trio is necessary for success in professional life.

Each outline indicates the minimum coverage of the course. The course outline is a reflection of standard course curriculum and is regularly revised to keep it contemporary and, hence, relevant.

Presently the following programs of study leading to Bachelor degrees are offered at UIT:

1. BE Electrical Engineering – Computer Systems
2. BE Electrical Engineering – Electronic
3. BE Electrical Engineering – Power
4. BE Electrical Engineering – Telecommunication
5. BS – Computer Science
6. BS – Software Engineering

Course Numbering Scheme

Each course is assigned a unique alphanumeric code. This code is used to identify a course in all official correspondence. A course code has two components - a two letter alphabetical code indicating the area of specializing that the course belongs to; and a three-digit numerical code indicating course level. For example, CS325 is a Computer Science course offered to third-year students. The following alphabetical codes are in use:

EL	Electrical Engineering
CE	Computer Systems Engineering
EE	Electronic Engineering
TE	Telecommunication Engineering
PE	Power Engineering
CS	Computer Science
SE	Software Engineering
HS	Humanities
MS	Mathematics & Basic Sciences

A course with 1XX code is a first-year course, 2XX is a second-year code and so on.

Bachelor of Electrical Engineering Program

An Outcome-Based Approach

Program Educational Objectives (PEOs):

The department of Electrical Engineering prepares graduates to be successful engineers who use their knowledge and skills for coming up with innovative solutions to the problems being faced by the industry, government, academia and/or the society. Program Educational Objectives are broad statements that describe the career and professional accomplishments that the program is preparing its graduates to achieve. Our graduates are expected to achieve the following after 5 years of graduation:

1. They will be able to demonstrate high-level of engineering expertise as senior engineers, faculty members or researchers. This would be done by applying their knowledge and skills for solving critical and complex technical, social or environmental problems for the industry, government, society, academia or research organizations.
2. They will demonstrate leadership and effective team working skills. They will uphold moral and ethical values and work towards fostering the engineering profession and the betterment of society.
3. They will demonstrate the ability for sustained learning through further study and development and may contribute towards adding new knowledge to the existing knowledge base.

Program Learning Outcomes (PLOs):

Program Learning Outcomes are specific statements describing what students are expected to know and be able to do by the time of graduation. These are related to knowledge, skills and attitudes that the students acquire while progressing through the Program.

1. Engineering Knowledge: An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
3. Design/Development of Solutions: An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
4. Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.
5. Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.
6. The Engineer and Society: An ability to reason informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.
7. Environment and Sustainability: An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
9. Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.
10. Communication: An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project Management: An ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment.
12. Lifelong Learning: An ability to recognize the importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

BACHELOR OF ELECTRICAL ENGINEERING - COMPUTER SYSTEMS

SEMESTER I

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL111	Linear Circuit Analysis	3+1	EL112	Workshop Practice	0+1
EL113	Introduction To Computing	1+1	EL124	Electronic Devices & Circuits	3+1
MS111	Calculus & Analytical Geometry	3+0	EL125	Programming Fundamentals	2+1
MS112	Applied Physics	3+1	MS113	Differential Equations	3+0
HS111	English Composition & Comprehension	3+0	HS121	Communication Skills	3+0
HS112/HS113	Islamic Studies / Ethics	2+0	HS122	Pakistan Studies	2+0
Total Credit Hours		18	Total Credit Hours		16

SEMESTER II

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL210	Basic Mechanical Engineering	3+0	EL225	Engineering Drawing	0+1
EL211	Digital Logic Design	3+1	EL220	Signals & Systems	3+1
EL212	Electrical Network Analysis	3+1	CE201	Computer Arch. & Organization	3+1
EL213	Data Structures & Algorithms	3+1	MS222	Probability Methods In Engineering	3+0
MS224	Complex Variables & Transforms	3+0	MS223	Linear Algebra	3+0
Total Credit Hours		18	HS212		Professional Ethics
			Total Credit Hours		18

SEMESTER III

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
CE320	Database Management System	3+1	EL303	Computer Communication Networks	3+1
CE321	Operating Systems	3+0	EL224	Microprocessor-Based Systems	3+1
CE323	Software Engineering	3+1	CE324	Data Warehousing & Data Mining	3+0
EL321	Communication Systems	3+1	EL413	Digital Signal Processing	3+1
MS321	Numerical Analysis	3+0	HS321	Technical & Business Writing	3+0
Total Credit Hours		18	Total Credit Hours		18

SEMESTER IV

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
CE432	Embedded Systems	3+1	CEXXX	Elective-I	3+0
CE430	Digital Image Processing	3+1	CEXXX	Elective-II	3+1
HSXXX	Management Sciences Elective	3+0	HS422	Organizational Behavior	3+0
HSXXX	Social Sciences Elective	3+0	EL490	Final Year Project	0+6
EL490	Final Year Project	0+0	Total Credit Hours		16
Total Credit Hours		14	* FYP is evaluated throughout the final year; however, grades are awarded once in the Final Semester		

List of Electives

Course No.	Course Title	Credit Hours
EL313	Linear Control Systems	3+1
TE414	Digital Communication	3+1
CE436	Computer Graphics	3+1
CE439	Systems Programming	3+1

BACHELOR OF ELECTRICAL ENGINEERING - ELECTRONIC

SEMESTER I

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL111	Linear Circuit Analysis	3+1	EL112	Workshop Practice	0+1
EL113	Introduction To Computing	1+1	EL124	Electronic Devices & Circuits	3+1
MS111	Calculus & Analytical Geometry	3+0	EL125	Programming Fundamentals	2+1
MS112	Applied Physics	3+1	MS113	Differential Equations	3+0
HS111	English Composition & Comprehension	3+0	HS121	Communication Skills	3+0
HS112/HS113	Islamic Studies / Ethics	2+0	HS122	Pakistan Studies	2+0
Total Credit Hours		18	Total Credit Hours		16

SEMESTER II

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL210	Basic Mechanical Engineering	3+0	EL225	Engineering Drawing	0+1
EL211	Digital Logic Design	3+1	EL220	Signals & Systems	3+1
EL212	Electrical Network Analysis	3+1	EL224	Microprocessor Based Systems	3+1
EL213	Data Structures & Algorithms	3+1	MS222	Probability Methods In Engineering	3+0
MS224	Complex Variables & Transforms	3+0	MS223	Linear Algebra	3+0
Total Credit Hours		18	HS212		Professional Ethics
			Total Credit Hours		18

SEMESTER III

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL301	Electronic Circuit Design	3+1	EL332	Integrated Electronics	3+1
EL302	Instrumentation & Measurements	3+1	EL304	Power Electronics	3+1
EL312	Electromagnetic Field Theory	3+0	EL321	Communication Systems	3+1
EL323	Electrical Machines	3+1	HS321	Technical & Business Writing	3+0
MS321	Numerical Analysis	3+0	Total Credit Hours		15
Total Credit Hours		18	Total Credit Hours		18

SEMESTER IV

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL313	Linear Control Systems	3+1	EE442	Introduction to Nanotechnology	3+0
EEXXX	Elective-I	3+1	EEXXX	Elective-II	3+0
EE411	VLSI Design	3+1	HS422	Organizational Behavior	3+0
HSXXX	Management Sciences Elective	3+0	EL490	Final Year Project	0+6
HSXXX	Social Sciences Elective	3+0	Total Credit Hours		15
EL490	Final Year Project	0+0	Total Credit Hours		18
Total Credit Hours		18	* FYP is evaluated throughout the final year; however, grades are awarded once in the Final Semester		

List of Electives

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL415	Solid State Drives	3+1	EL417	Digital Control Systems	3+0
EE431	Industrial Electronics	3+1	EE438	Laser & Fiber Optics	3+0
EE439	FPGA-Based System Design	3+1	EE440	Opto-Electronics	3+0
EL413	Digital Signal Processing	3+1	TE326	Wireless & Mobile Communication	3+0
TE305	Wave Propagation & Antennas	3+1			

Grand Total of Credit Hours in Bachelor of Electrical Engineering (Computer Systems): 136

A community service course and two Chinese language modules must be completed in addition of the above for the award of the degree.

The Institute has the right to make adjustments/changes in the program structure. All requirements of HEC, PEC and NED University will be binding from their effective dates.

BACHELOR OF ELECTRICAL ENGINEERING - POWER

BACHELOR OF ELECTRICAL ENGINEERING - TELECOMMUNICATION

SEMESTER I

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL111	Linear Circuit Analysis	3+1	EL112	Workshop Practice	0+1
EL113	Introduction To Computing	1+1	EL124	Electronic Devices & Circuits	3+1
MS111	Calculus & Analytical Geometry	3+0	EL125	Programming Fundamentals	2+1
MS112	Applied Physics	3+1	MS113	Differential Equations	3+0
HS111	English Composition & Comprehension	3+0	HS121	Communication Skills	3+0
HS112/HS113	Islamic Studies / Ethics	2+0	HS122	Pakistan Studies	2+0
Total Credit Hours		18	Total Credit Hours		16

SEMESTER III

EL210	Basic Mechanical Engineering	3+0	EL225	Engineering Drawing	0+1
EL211	Digital Logic Design	3+1	EL220	Signals & Systems	3+1
EL212	Electrical Network Analysis	3+1	EL224	Microprocessor Based Systems	3+1
EL213	Data Structures & Algorithms	3+1	MS222	Probability Methods In Engineering	3+0
MS224	Complex Variables & Transforms	3+0	MS223	Linear Algebra	3+0
Total Credit Hours		18	Total Credit Hours		18

SEMESTER V

EL302	Instrumentation & Measurements	3+1	PE331	Power Generation	3+1
EL323	Electrical Machines	3+1	PE302	Power Distribution & Utilization	3+1
EL312	Electromagnetic Field Theory	3+0	EL313	Linear Control Systems	3+1
EL321	Communication Systems	3+1	PEXXX	Elective-I	3+0
MS321	Numerical Analysis	3+0	Total Credit Hours		15
Total Credit Hours		18			

SEMESTER VII

PE434	Power System Protection	3+1	PEXXX	Elective-II	3+1
PE432	Electrical Power Transmission	3+1	PE435	Power System Analysis	3+0
HSXXX	Management Sciences Elective	3+0	HS422	Organizational Behavior	3+0
HSXXX	Social Sciences Elective	3+0	EL490	Final Year Project	0+6
HS321	Technical & Business Writing	3+0	Total Credit Hours		16
EL490	Final Year Project	0+0			
Total Credit Hours		17			

* FYP is evaluated throughout the final year; however, grades are awarded once in the Final Semester

List of Electives

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL304	Power Electronics	3+1	PE443	Renewable Energy Systems	3+1
EL413	Digital Signal Processing	3+1	PE442	Advanced Electrical Machines	3+0
EL415	Solid State Drives	3+1	PE444	Electrical Machine Design	3+0
PE439	Power System Stability & Control	3+1			

SEMESTER I

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL111	Linear Circuit Analysis	3+1	EL112	Workshop Practice	0+1
EL113	Introduction To Computing	1+1	EL124	Electronic Devices & Circuits	3+1
MS111	Calculus & Analytical Geometry	3+0	EL125	Programming Fundamentals	2+1
MS112	Applied Physics	3+1	MS113	Differential Equations	3+0
HS111	English Composition & Comprehension	3+0	HS121	Communication Skills	3+0
HS112/HS113	Islamic Studies / Ethics	2+0	HS122	Pakistan Studies	2+0
Total Credit Hours		18	Total Credit Hours		16

SEMESTER III

EL210	Basic Mechanical Engineering	3+0	EL225	Engineering Drawing	0+1
EL211	Digital Logic Design	3+1	EL220	Signals & Systems	3+1
EL212	Electrical Network Analysis	3+1	EL224	Microprocessor Based Systems	3+1
EL213	Data Structures & Algorithms	3+1	MS222	Probability Methods In Engineering	3+0
MS224	Complex Variables & Transforms	3+0	MS223	Linear Algebra	3+0
Total Credit Hours		18	Total Credit Hours		18

SEMESTER V

EL301	Electronic Circuit Design	3+1	TE305	Wave Propagation & Antennas	3+1
EL323	Electrical Machines	3+1	TE326	Wireless & Mobile Communication	3+0
EL312	Electromagnetic Field Theory	3+0	EL303	Computer Communication Networks	3+1
EL321	Communication Systems	3+1	EL313	Linear Control Systems	3+1
MS321	Numerical Analysis	3+0	HS321	Technical & Business Writing	3+0
Total Credit Hours		18	Total Credit Hours		18

SEMESTER VII

TE414	Digital Communication	3+1	TEXXX	Elective-I	3+1
TE434	RF & Microwave Engineering	3+1	TEXXX	Elective-II	3+0
HSXXX	Management Sciences Elective	3+0	HS422	Organizational Behavior	3+0
HSXXX	Social Sciences Elective	3+0	EL490	Final Year Project	0+6
EL490	Final Year Project	0+0	Total Credit Hours		16
Total Credit Hours		14			

* FYP is evaluated throughout the final year; however, grades are awarded once in Final Semester

List of Electives

Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
EL413	Digital Signal Processing	3+1	TE441	Information Theory & Coding	3+0
TE437	Navigation & Radar Systems	3+1	TE442	Mobile & Pervasive Computing	3+0
TE438	Optical Communication	3+1	TE443	Multimedia Communication	3+0
TE439	Satellite Engineering	3+1	TE444	Next Generation Networks	3+0
TE440	Transmission & Switching Systems	3+1			

BACHELOR OF ELECTRICAL ENGINEERING

Social Sciences Electives

Course Code	Course Title	Credit Hours
HS322	Sociology & Development	3+0
HS323	Social Anthropology	3+0
HS324	Introduction to Psychology	3+0
HS325	Psychology & Human Behavior	3+0
HS326	Professional Psychology	3+0
HS327	Critical Thinking	3+0
HS328	Introduction to Philosophy	3+0
HS329	Introduction to Sociology	3+0

Management Sciences Electives

Course Code	Course Title	Credit Hours
HS420	Engineering Economics & Management	3+0
HS423	Principles of Management	3+0
HS424	Entrepreneurship	3+0
HS425	Human Resource Management	3+0
HS426	Strategic Management	3+0

The Institute has the right to make adjustments/changes in the program structure.
All requirements of HEC, PEC and NED University will be binding from their effective dates.

The relevant Board of Studies may recommend changes to the electives listed from page 48-52



Students displaying their Projects

BACHELOR OF SCIENCE - COMPUTER SCIENCE

ELECTIVE COURSES

FIRST YEAR FALL			FIRST YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MS-001	Mathematics- 1*	0+0	MS-002	Mathematics- 2*	0+0
CS114	Introduction to Information and Communication Technology (ICT)	2+1	CS121	Object Oriented Programming	3+1
CS112	Programming Fundamentals	3+1	CS122	Discrete Structures	3+0
MS114	Applied Physics	3+0	CS123	Digital Logic Design	3+1
HS111	English Composition & Comprehension	3+0	HS123	Oral Communication Skills	3+0
HS112/HS113	Islamic Studies/Ethics	2+0	MS211	Linear Algebra	3+0
MS111	Calculus & Analytical Geometry	3+0	Total Credits		17
Total Credits			18		

* ONLY for Pre-Medical Students

SECOND YEAR FALL			SECOND YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
CS211	Data Structures & Algorithms	3+1	CS212	Computer Architecture & Organization	3+0
	University Electives - 1	3+0	CS322	Design and Analysis of Algorithms	3+0
SE221	Introduction to Software Engineering	3+0	CS313	Theory of Automata	3+0
MS221	Differential Equations	3+0	MS212	Probability & Statistics	3+0
HS211	Technical and Business Writing	3+0	CS311	Introduction to Database Systems	3+1
HS122/	Pakistan Studies OR		Total Credits		16
HS127	Pakistan Studies (For Foreigners)	2+0	18		
Total Credits			16		

THIRD YEAR FALL			THIRD YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
CS312	Operating Systems	3+1	CS326	Artificial Intelligence & Expert Systems	3+1
CS222	Data Communication and Computer Networks	3+1	CS412	Compiler Construction	2+1
HS319	Professional Ethics	2+0	CS325	Numerical Methods	3+0
CS Elective - I	2+1		CS Elective - III		3+0
CS Elective - II	3+0		University Elective - II		3+0
Total Credits			Total Credits		16

FOURTH YEAR FALL			FOURTH YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
CS428	Parallel & Distributed Computing	3+1	CS413	Information Security	3+0
CS463	Theory of Programming Languages	3+0	CS Elective V		2+1
CS Elective - IV	3+0		CS Elective VI		3+0
University Elective - III	3+0		University Elective IV		3+0
CS490	Final Year Project - 1	0+3	CS490	Final Year Project - II	0+3
Total Credits			Total Credits		15

CS - Elective I

Course Code	Course Title	Credit Hours
CS331	Mobile Application Development	2+1
CS333	Visual Programming	2+1
CS351	Computer Graphics	2+1
SE319	Web Engineering	2+1
CS437	Routing and Switching	2+1
CS335	Systems Programming	2+1

CS - Elective II

Course Code	Course Title	Credit Hours
CS354	Management Information System	3+0
CS356	Data Mining	3+0
SE413	E-Commerce	3+0
SE457	Business Process Re-engineering	3+0

CS - Elective III

Course Code	Course Title	Credit Hours
CS464	Internet of Things	3+0
CS451	Cloud Computing	3+0
CS431	Big Data Analytics	3+0

CS - Elective IV

Course Code	Course Title	Credit Hours
CS460	Social and Information Network Analysis	3+0
SE461	Software Configuration and Deployment	3+0
SE412	Software Project Management	3+0

CS - Elective V

Course Code	Course Title	Credit Hours
CS334	Machine Learning	2+1
CS411	Human Computer Interaction	2+1
CS432	Game Application Development	2+1
CS433	Natural Language Processing	2+1
CS457	Digital Image Processing	2+1
SE308	Software Design and Architecture	2+1

CS - Elective VI

Course Code	Course Title	Credit Hours
CS456	Information System Audit	3+0
CS435	Semantic Web	3+0

List of University Elective Courses

Course Code	Course Title	Credit Hours
HS252	Economics	3+0
HS151	Financial Accounting	3+0
HS353	Technopreneurship	3+0
HS251	Philosophy	3+0
HS352	International Relations	3+0
HS351	Human Resource Management	3+0
HS152	Psychology	3+0
HS253	Marketing	3+0

BACHELOR OF SCIENCE - SOFTWARE ENGINEERING

ELECTIVE COURSES

FIRST YEAR FALL			FIRST YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MS-001	Mathematics - 1*	0+0	MS-002	Mathematics - 2*	0+0
CS114	Introduction to Information and Communication Technology (ICT)	2+1	CS121	Object Oriented Programming	3+1
CS112	Programming Fundamentals	3+1	CS123	Digital Logic Design	3+1
MS114	Applied Physics	3+0	HS123	Oral Communication Skills	3+0
HS111	English Composition & Comprehension	3+0	MS211	Linear Algebra	3+0
HS112/HS113	Islamic Studies/Ethics	2+0	Total Credits		17
MS111	Calculus & Analytical Geometry	3+0			
Total Credits		18			

* ONLY for Pre-Medical Students

SECOND YEAR FALL			SECOND YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
CS211	Data Structures & Algorithms	3+1	SE321	Software Requirement Engineering	3+0
	University Electives - 1	3+0	CS411	Human Computer Interaction	2+1
SE221	Introduction to Software Engineering	3+0	MS212	Probability & Statistics	3+0
MS221	Differential Equations	3+0	CS311	Introduction to Database Systems	3+1
HS211	Technical and Business Writing	3+0	SE Elective - I		3+0
HS122/	Pakistan Studies OR		Total Credits		16
HS127	Pakistan Studies (For Foreigners)	2+0			
Total Credits		18			

THIRD YEAR FALL			THIRD YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
CS312	Operating Systems	3+1	CS326	Artificial Intelligence & Expert Systems	3+1
CS222	Data Communication and Computer Networks	3+1	CS436	Software Engineering Economics	3+0
	Professional Ethics	2+0	Software Construction and Development		
SE319	Web Engineering	2+1	SE312	Development	2+1
SE308	Software Design & Architecture	2+1	SE Elective - II		2+1
Total Credits		16	University Elective - II		3+0
			Total Credits		16

FOURTH YEAR FALL			FOURTH YEAR SPRING		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
SE412	Software Project Management	3+0	CS413	Information Security	3+0
SE409	Software Re-Engineering	3+0	SE405	Modeling & Simulation	3+0
SE419	Software Quality Engineering	2+1	SE Elective IV		3+0
	SE Elective III	3+0	University Elective IV		3+0
	University Elective III	3+0	CS490	Final Year Project - II	0+3
CS490	Final Year Project - 1	0+3	Total Credits		15
Total Credits		18			

SE - Elective I

Course Code	Course Title	Credit Hours
CS354	Management Information System	3+0
CS356	Data Mining	3+0
SE413	E-Commerce	3+0
CS322	Design and Analysis of Algorithms	3+0

SE - Elective II

Course Code	Course Title	Credit Hours
CS331	Mobile Application Development	2+1
CS333	Visual Programming	2+1
CS351	Computer Graphics	2+1
CS437	Routing and Switching	2+1
CS334	Machine Learning	2+1
CS432	Game Application Development	2+1
CS433	Natural Language Processing	2+1
CS457	Digital Image Processing	2+1

SE - Elective III

Course Code	Course Title	Credit Hours
CS464	Internet of Things	3+0
CS451	Cloud Computing	3+0
CS431	Big Data Analytics	3+0
CS460	Social and InformationNetwork Analysis	3+0

SE - Elective IV

Course Code	Course Title	Credit Hours
CS435	Semantic Web	3+0
SE461	Software Configuration and Deployment	3+0
CS456	Information System Audit	3+0

List of University Elective Courses

Course Code	Course Title	Credit Hours
HS252	Economics	3+0
HS151	Financial Accounting	3+0
HS353	Technopreneurship	3+0
HS251	Philosophy	3+0
HS352	International Relations	3+0
HS351	Human Resource Management	3+0
HS152	Psychology	3+0
HS253	Marketing	3+0

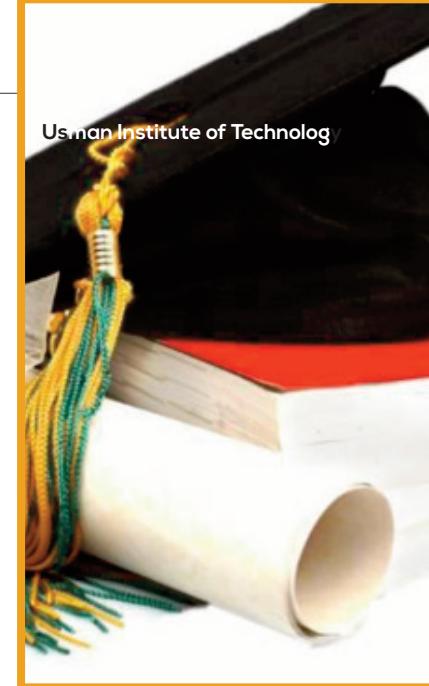
Admissions, Registration, & Examination

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Guidelines for Online Admission Form

1. Candidates are required to apply online at the admission portal, via the UIT website (www.uit.edu).
2. They are required to:
 - a. Fill an online form available at www.uit.edu
 - b. Upload their picture (with white background; size 35 x 45 mm)
 - c. Upload scanned copies of the required documents:
 - i. Secondary School Certificate and Marks Sheet or equivalent document
 - ii. HSC Marks Sheet (students awaiting for result must submit photo copy of their admit card of HSC –II)
 - iii. Equivalence Certificate, General Certificate and grade sheet from IBCC for foreign examinations, if applicable. (Student awaiting for result must submit photocopy of their provisional equivalence of qualification)
 - iv. Candidates having passed Cambridge Higher School Certificate or General Certificate of Education (A Level) Examination or equivalent examination must submit relevant document (i.e. General Certificate or B-form issued by NADRA) to establish their date of birth
 - d. Download voucher of application processing fee.
3. Application processing fee of Rs. 2,500 (Non-refundable) is to be paid at any branch of Bank Al-Habib Ltd. A scanned copy of the application processing fee challan must also be uploaded on the above mentioned admission portal.
4. The complete application of each candidate along with the scanned documents must be submitted online no later than 1700 hours on the last date of submission of Admission Form notified by the Institute on the website.
5. Any incomplete application shall not be considered if not completed before the last date of submission.



Admission Criteria



Admission Criteria

A candidate will be considered for admission if he/she has:

- a. Passed either Higher Secondary Examination (HSC) exam from any authorized Board of Intermediate Education in Pakistan or an equivalent Foreign Examination Board recognized by NED OR is awaiting his/her final result up till the last date of applications for UIT's Fall 2021 intake.

All candidates should fulfill the following conditions:

1. The year of passing the examination should not be earlier than three years prior to the submission of application.
2. Each candidate should have obtained at least 60% marks in aggregate.
3. Either passed Pre-Admission Entry Test of NED University or UIT; OR have scored at least 800 in SAT-I and secured at least 1500 in SAT-II with subjects of Physics, Chemistry/Computer Science and Mathematics/Biology.

NOTE: Only the current year results will be considered.

4. If the results for the HSC-II and A-Level for the year 2021 are not available by the last date of UIT's applications for FALL 2021 intake, he/she may be admitted on provisional basis based on his/her Entry Test Marks and SSC/O-Level result. Such candidates will be required to submit an affidavit (get sample from the Admission Office) and admit card/enrollment card of HSC-II/A-Level for the compliance and fulfilment of the requirement mentioned above. Any non-compliance shall result in cancellation of provisional admissions. The admission offered shall remain provisional till the submission and subsequent verification (from relevant authorities) of final HSC or equivalent Mark Sheet or IBCC Equivalence Certificate (for foreign exams only) with minimum 60 % marks obtained. The final Mark Sheet must be submitted at the earliest as otherwise the admission will be liable to be cancelled.

5. Any candidate who has passed HSC or equivalent Examination with subjects of Mathematics, Physics and Chemistry shall be considered for admission in Bachelor of Electrical Engineering (Computer Systems), Electrical Engineering (Electronic), Bachelor of Electrical Engineering (Telecommunication), and Bachelor of Electrical Engineering (Power), Bachelor of Science in Computer Science and Bachelor of Science in Software Engineering programs.
6. Any candidate who has passed HSC or equivalent Examination with subjects of Mathematics, Physics, and Computer Science shall be considered for admission only in Bachelor of Science in Computer Science and Bachelor of Science in Software Engineering.
7. Any candidate who has passed HSC or equivalent Examination with Pre-Medical subjects of Physics, Chemistry and Biology shall be considered for admission in Bachelor of Science in Computer Science and Bachelor of Science in Software Engineering (as allowed by NCEAC). All such students must pass deficiency courses of Mathematics of 6 credit hours within one year of their regular studies. The deficiency courses should cover most of the relevant topics to bachelor degree in computing education from intermediate level mathematics.
8. Admission to such candidates [as mentioned in 5, 6 & 7] shall only be offered in above disciplines subject to availability of seats in these disciplines. Such candidates, if admitted, shall however, not to be considered for change of discipline after first semester.
9. A candidate who has passed HSC Part I from one Board of Examinations and HSC Part II from any other Board of Examinations shall not be considered for admission.
10. No student, already enrolled in UIT, can be considered for admission again.

11. For candidates who have passed their qualifying examination in 2018, 2019 or 2020 their merit positions for the purpose of admission shall be determined after deduction of 10 marks from the total obtained in their respective qualifying examinations. The same deduction shall apply in case of improvement. (Including applicants who have taken improvement examination in the same calendar year as that of the HSC / qualifying examinations).

Merit Determination Criteria

As per the NED's approved resolution no. AC-152.9, the Institute with the prior approval of University Administration be allowed to opt any one of the three options for offering admission in first year batch 2021:

- i) Eligibility based upon HSC marks and Pre-Admission Entry Test marks with equal weightage subject to the condition that HSC exams are held by July, 2021.
- ii) Eligibility based upon SSC marks and Pre- Admission Entry Test marks with 30% and 70% weightage respectively (those having qualified HSC during earlier years will also have 30% weightage for HSC).
- iii) Any other policy to be announced by HEC / PEC, be recommended to the Syndicate for its consideration and approval.

Rejection of Application

The application shall be rejected summarily in case that the applicant is found guilty of any suppression or misrepresentation of material facts at any stage.

Display of Merit List

The Merit list will be notified and displayed on the Institute's website, notice board and official social media platform.

Steps involved in Admission in the First Semester

1. Registration Process:

- a. Applicants whose name appear in the Merit List should personally report at the Admission Office for receiving the Admission Offer Letter.
- b. In order to secure admission, the applicant must deposit "non-refundable" advance fee

of Rs. 10,000/- at the time of receiving Admission offer letter on account of admission fee which will be adjusted on full fee submission.

- c. All the required documents and remaining fee should be submitted at the Admission Office on the date and time specified in the admission offer letter.

2. Documents Required

Applicants must submit the Registration and Enrollment forms along with following documents to the Admission Office:

- a. Original HSC or Equivalent Examination Mark-Sheet (this will remain in the custody of the NED University for the duration of the enrollment). – if available
- b. Attested Photocopy of HSC Part-II (if available)
- c. Attested Photocopy of the S.S.C. or Equivalent Examination Mark sheet and Certificate.
- d. Attested Photocopy of O-Level Equivalence Certificate and General Certificate.
- e. Original Equivalence Certificate of A-Level from IBCC for Foreign Examination (this will remain in the custody of the NED University for the duration of the enrollment). – if available
- f. Attested Photocopy of General certificate and Grade sheet of A-Level – if available
- g. An Affidavit of non-participation in political activities and non-indulgence in unwanted activities on Non-Judicial Stamp Paper of Rs. 100. See the end of the prospectus for the affidavit text. A sample of affidavit is available at the Admission's Office.
- h. Six Passport Size Photographs with white background
- i. Two attested photographs with white background (1x1)
- j. Original Migration Certificate (for candidates of other than Karachi Board).
- 3. It is extremely important that all the required documents are submitted on time since these are required for enrollment with the NED University. Needless delay in the submission of documents can result in enrollment problems.
- 4. A Candidate applying under more than one discipline - once admitted in any discipline will automatically forego his/her preference and candidature under other disciplines, and will not be able to change the program.
- 5. The name of candidates (who do not submit the original documents and/or fail to receive

admission offer letter on the scheduled dates) shall be separated from the Merit List. However, the candidate may appeal; with a justification for non-appearance on the scheduled dates for consideration.

6. Original documents retained by the Institute will be returned after the completion or termination of studies at this Institute. Students may request and obtain their mark sheets temporarily subject to approval of the competent authority at NED University.

Applicants are advised that in their own interest they should retain a sufficient number of attested photocopies of their documents/certificates as the originals are not likely to be returned during their period of study at the Institute.

The names of applicants who do not submit the original documents on the specified dates shall stand deleted from the Merit List. No plea, whatsoever, shall be acceptable in such cases.

Medical Fitness Test

1. Each candidate shall be examined for Medical Fitness by NED University's Principal Medical Office (PMO). For Medical Fitness, candidates shall have to:
 - a. Deposit the test fee Rs.1,200/- (Rupees one thousand and Two Hundred only, please note that the amount may vary as per the directives of NED University) with the NBP and HMB, NED University's Branches using NED University's Medical Fitness test voucher available at these banks. Please ensure that the voucher is stamped, by the bank's staff, where the money is deposited.
 - b. Provide the above-mentioned stamped voucher to the Principal Medical Office (PMO) of NED University along with Covid Vaccination Certificate, chest PA view X-Ray, two passport size photograph and attested photocopy of Matriculation Certificate. In case of foreign examinations candidate's proof of date of birth should be provided. The Medical Fitness test report will be sent by NED University directly to the UIT.
 - c. The applicants, who fail to appear for medical examination on the specified dates, their names shall be deleted from the Merit List. No plea, whatsoever, shall be acceptable in case any candidate fails to appear on the scheduled date.



Medical Fitness Requirements

1. Eyesight, aided or unaided, should not be poorer than 6/9 in one eye and 6/12 in the other eye while near vision should be N5 (at least) with glasses.
2. The chest expansion should not be less than 4cm and X-ray of the chest should be satisfactory.
3. The limbs, including the feet and toes, should have unrestricted movement of all joints
4. The candidate should not suffer from any remarkable skin disease.
5. Color Blindness, even if vision is otherwise normal, will disqualify applications for the discipline of Electrical Engineering. Candidates may, however, be considered for other disciplines.

Students' Identity Card

Candidates who are admitted shall be issued Student Identity Cards. The Student ID Card is your identity and bestows upon you all the rights and privileges of a UIT student. Students are expected to carry their Student ID cards on them when in Campus.

Employment/Parallel Enrollment

As per the guidelines of the Higher Education Commission, all undergraduate degree programs are regular-full time day programs. Students are required to dedicate their time exclusively to the degree to which they are admitted. This means that undergraduate students are not allowed to engage in day-time employment and enrollment in two-degree programs simultaneously. All applicants have to make sure that they do not violate either of the above conditions failing which UIT reserves the right to cancel their admission.

Rights of Admission

UIT reserves the right to reject an admission application without assigning any reason.

ADMISSION INFORMATION SUMMARY

S #	Information	Bachelor of Electrical Engineering														
1	Admission Eligibility	Higher School Certificate (HSC), Pre-Engineering (Physics, Chemistry & Mathematics) from any Education Board in Pakistan with a minimum of 60% Marks. OR Cambridge High School Certificate Examinations with Mathematics, Physics and Chemistry at Principle level, or G.C.E. "A" Level with Mathematics, Physics and Chemistry. OR American Grade 12 Diploma plus Achievement Test results in Mathematics, Physics and Chemistry. (with a score of at least 500 in each). OR International Baccalaureate Certificate with Mathematics, Physics and Chemistry. OR Shahadah Al-Thanawia Al-Aamnah (TAUJIHI), Higher Secondary School Certificate with at least Grade 'JAYYED' of Saudi Arabia, UAE, Kuwait, Egypt or equivalent of any other Arab country. OR Any other academic qualification that is considered equivalent to the above by the NED University.														
2	Entrance Test Component	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Mathematics</td> <td style="width: 25%;">weightage</td> <td style="width: 25%;">25%</td> </tr> <tr> <td>Physics</td> <td>weightage</td> <td>25%</td> </tr> <tr> <td>Chemistry</td> <td>weightage</td> <td>25%</td> </tr> <tr> <td>English Language</td> <td>weightage</td> <td>25%</td> </tr> </table>			Mathematics	weightage	25%	Physics	weightage	25%	Chemistry	weightage	25%	English Language	weightage	25%
Mathematics	weightage	25%														
Physics	weightage	25%														
Chemistry	weightage	25%														
English Language	weightage	25%														
3	Application Documents	i) Copy of SSC Certificate. ii) Copy of HSC Consolidated Mark Sheet. (Students waiting for results, must submit photocopy of their admit card of HSC-II). OR Equivalence certificate, General Certificate and grade sheet in case of holders of certificate issued by non-Pakistani Universities / Boards. iii) Copy of CNIC or Form-B. iv) Six recent passport size photographs with white background.														
4	Duration	4 Years full time and maximum seven years.														
5	Degree Requirements	University awards degrees to the students who complete all semesters with prescribed credit hours securing a minimum CGPA of 2.00 without failing in any course. Student must obtain a satisfactory score in PLOs.														
6	Fees payable at the time of Admission	BE EL - Power: Rs. 128,800/- BE EL - Electronic: Rs. 128,800/- BE EL - Computer Systems: Rs. 128,800/- BE EL - Telecommunication: Rs. 128,800/-														

ADMISSION INFORMATION SUMMARY

S #	Information	BS (Computer Science/Software Engineering)														
1	Admission Eligibility	Higher School Certificate (HSC), Pre-Engineering (Physics, Chemistry & Mathematics) from any Education Board in Pakistan with a minimum of 60% Marks. OR Higher School Certificate (HSC), Pre-Medical (Physics, Chemistry & Biology) from any Education Board in Pakistan with a minimum of 60% Marks. OR Higher School Certificate (HSC), Science General (Physics, Computer Science & Mathematics) with a minimum of 60% Marks. OR Cambridge High School Certificate Examinations with Mathematics, Physics and Chemistry at Principle level, or G.C.E. "A" Level with Mathematics, Physics and Chemistry. OR American Grade 12 Diploma plus Achievement Test results in Mathematics, Physics and Chemistry. (with a score of at least 500 in each). OR International Baccalaureate Certificate with Mathematics, Physics and Chemistry. OR Shahadah Al-Thanawia Al-Aamnah (TAUJIHI), Higher Secondary School Certificate with at least Grade 'JAYYED' of Saudi Arabia, UAE, Kuwait, Egypt or equivalent of any other Arab country. OR Any other academic qualification that is considered equivalent to the above by the NED University.														
2	Entrance Test Component	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Mathematics / Biology</td> <td style="width: 25%;">weightage</td> <td style="width: 25%;">25%</td> </tr> <tr> <td>Physics</td> <td>weightage</td> <td>25%</td> </tr> <tr> <td>Chemistry/Computer Science</td> <td>weightage</td> <td>25%</td> </tr> <tr> <td>English Language</td> <td>weightage</td> <td>25%</td> </tr> </table>			Mathematics / Biology	weightage	25%	Physics	weightage	25%	Chemistry/Computer Science	weightage	25%	English Language	weightage	25%
Mathematics / Biology	weightage	25%														
Physics	weightage	25%														
Chemistry/Computer Science	weightage	25%														
English Language	weightage	25%														
3	Application Documents	i) Copy of SSC Certificate. ii) Copy of HSC Consolidated Mark Sheet. (Students waiting for results, must submit photocopy of their admit card of HSC-II). OR Equivalence certificate, General Certificate and grade sheet in case of holders of certificate issued by non-Pakistani Universities / Boards. iii) Copy of CNIC or Form-B. iv) Six recent passport size photographs with white background.														
4	Duration	4 Years full time and maximum Seven years.														
5	Degree Requirements	University awards degrees to the students who complete all semesters with prescribed credit hours securing a minimum CGPA of 2.00 without failing in any course.														
6	Fees payable at the time of Admission	BS - Computer Science: Rs. 128,800/- BE - Software Engineering: Rs. 128,800/-														

Registration in All Subsequent Semesters

1. Students are required to register themselves in each semester. A registration schedule will be announced well before the start of any semester. Students are expected to abide by the registration schedule. Registration in any semester shall be allowed only during the first three weeks after commencement of a semester.
2. Registration in the Spring semester of any year shall be open to any student who was registered in the Fall semester of that year e.g. a student registered in the first semester (Fall - Year 1) will be eligible to register in the second semester (Spring - Year 1). Similarly, registration in the Fall semester of any year shall be open to a student who was registered in the Spring semester of the previous year e.g. a student registered in the second semester (Spring - Year 1) will be eligible for registration in the third semester (Fall - Year 2).
3. Students are required to follow the regular scheme of studies i.e. all courses must be taken in order and sequence that they appear in (given in this prospectus). In case the student has failed in a course, that course can be registered in a semester, in addition to the regular prescribed courses of that semester. A student may not register in more than 7 courses in a semester.
4. Any student who fails to obtain at least 2.0 CGPA in the First Year Fall Semester (Semester I) shall remain on probation during First Year Spring Semester (Semester II). In any case, if such student still has less than 2.0 CGPA at the time of registration in Second Year Fall Semester (Semester III), he/she shall proceed to second (and last) probation during that semester. Such students shall be allowed to register for the regular courses as well as any backlog courses (courses attempted but not passed). The total number of courses in a semester cannot exceed 7.
5. Any such student who after being in second probation has obtained more than 1.0 CGPA but less than 2.0 CGPA shall not be allowed to register in the subsequent semester. He/she will be required to improve his/her CGPA to 2.0 before being allowed to register in the subsequent semester with the junior batch.
6. Along with CGPA, the student shall also be required to fulfill the following conditions:
 - a. For registration in the third year, the student must have passed all courses of the First Year, OR 80% of the courses up to the Second Year.
 - b. For registration in fourth year, a student must have passed all courses up to the Second Year, OR all courses of the First Year and 90% of the courses up to Third Year with at least 1.7 CGPA.



7. If a student discontinues his/her education after intimating the Institute, he/she may be readmitted in the program subject to approval by the relevant Head of the Department. In any case, the student will rejoin from the semester that he/she interrupted his/her study from.
8. In all circumstances, re-admission to any student shall only be granted in the semester where the student has discontinued his/her study due to any reason.
9. A student registered in any semester shall be registered in all such courses as prescribed in that Semester which the student has not passed earlier. There is no provision for taking a reduced course load.
10. A student can take a maximum of 7 courses in a semester. This would include all the courses that are assigned to his/her batch plus any course that he/she wishes to repeat. A student may only repeat a failed course or a course with less than C grade.
11. In case of repeating a non-failed course, the higher grade will be considered for calculating the CGPA.

Summer Session

1. A condensed Summer Session is arranged for students who have failed in, were not allowed to appear in, or wish to improve the grade in a course(s). Registration in a course in Summer Session is subject to a minimum student strength of 10 and availability of Faculty Members.
2. Summer Session is for improvement of grade or passing a failed/unattempted course only. Any course not previously attempted in is not allowed in the Summers Session.
3. A maximum of three courses can be taken in the Summer Session.
4. Students are not allowed to drop any registered course in the Summer session.
5. Availability of any course is not guaranteed in Summer Session.

Duration of Degree Programs

1. The minimum duration to complete an undergraduate degree is 4 years.
2. The maximum duration allowed to complete a degree is seven years.



Cancellation of Admission/Enrollment

1. Admission of any student of First Year of Studies in any discipline shall be cancelled, if he/she is not a candidate in the final examination of the first semester.
2. Admission of any student of any Year/Semester who has been rusticated from the Institute on account of a serious breach of discipline for any specified period shall be cancelled and notified. However, after the expiry of the period, the student may be allowed readmission in the same Year/Semester where he/she left off, if otherwise eligible.
3. Admission and enrollment of any student of any Year/ Semester, who has been expelled from the Institute on account of a major breach of discipline, shall be cancelled after due process and subsequently notified. The student shall not be eligible for any subsequent admission in the Institute.
4. Admission and enrollment of any student shall be cancelled:
 - a. who after being on second probation during Second Year Fall Semester fails to obtain 1.0 CGPA on completion of that (Semester III).
 - b. who without informing UIT (in writing), fails to register in any Semester even after the deadline of registration has passed.
5. Withdrawal from Semester /Program
 - a. Any student wishing to withdraw from a program is expected to fill in the Quit Form and seek clearance from all departments in UIT.
 - b. Any student who withdraws from the program in the first semester will not be able to rejoin later in any circumstances.
 - c. Any student seeking readmission after withdrawal shall only be considered for readmission with junior batch provided that:
 - i The student has officially withdrawn earlier from the semester or program.
 - ii The period of discontinuation of his/her studies does not exceed three academic years.
 - iii The student produces an affidavit on stamp paper of prescribed amount declaring that during the period of his/her discontinuation of studies he/she was neither on the rolls of any other educational institution nor was convicted by any court of law.

Grade Improvement

1. A student may be allowed by the concerned Head of the Department to repeat the course(s) offered in that semester in which he/she has obtained grade point lesser than 2.00.
2. If a student attempts a course multiple times, the best grade will be considered for calculating the GPA/CGPA.
3. Any student who is eligible for award of degree, but still desires to improve CGPA for any reason, may be allowed by the Head of the Department concerned, subject to the following conditions:
 - a. No provisional certificate/degree has been issued to him/her.
 - b. Duration of completion for the degree does not exceed the maximum limit of 7



Assessments

1. A student has to attempt two examinations per course in a semester. A mid-term examination is typically scheduled in the 9th week of the semester. End-term theory examinations are typically held in the 17th week. In case of courses with labs, a third (lab exam) is typically held in the 16th week. All examination schedules are notified in the Academic Calendar issued at the start of every semester.
2. During the semester, a student has to write a course project/report, take several quizzes and submit multiple assignments in addition to the mid-term and final examinations (theory + lab). The performance in all assessments aggregates to form a student's result.
3. The following weights are assigned to each assessment: Quizzes/Reports (10%), Assignments/Projects (10%), Mid-Term (20%) and End-Term (theory + lab) (60%).

Class Attendance

1. A student has to maintain atleast 75% attendance in a course in order to be eligible for appearing in the end-term examinations (theory + lab).
2. There is no policy of granting a leave of absence. Students are required to maintain at least 75% inspite of sickness, travel, family commitments, extra-curricular engagement etc.

Admit Card

1. Admit Card for the examination shall be issued to any student who is eligible/allowed to appear in the course(s) as mentioned on his/her Admit Card.
2. The Admit Card must be in possession of the student while appearing in the examination for any course for which he/she has been allowed.

Grade Point Average

1. Grade Point Average (GPA) for any semester and Cumulative Grade Points Average (CGPA) for more than one semester shall be calculated as under:

$$\text{GPA/CGPA} = \frac{\sum (\text{credit hour of a course} \times \text{grade point})}{\text{Total credit hours of the courses}}$$

Award of Degrees

Any student who has passed all courses as prescribed for his/her discipline with at least 2.0 CGPA shall be eligible for the award of degree in that discipline.

Grade Points

1. Grade/grade point equated with the percentage of marks and other grades shall be as follows:

GRADE	GRADE POINT	MARKS	REMARKS
A+	4.0	94 – 100	Extra Ordinary
A	4.0	85 – 93	Excellent
A –	3.7	80 – 84	Very Good
B +	3.4	75 – 79	Very Good
B	3.0	70 – 74	Good
B –	2.7	67 – 69	Above Average
C +	2.4	64 – 66	Average
C	2.0	60 – 63	Satisfactory
C –	1.7	57 – 59	Adequate
D +	1.4	54 – 56	Pass
D	1.0	50 – 53	Pass
F	0.0	Below 50	Fail
P	-	50 – 100	Pass in a non-credit course
IP	-	-	In progress *
X	-	-	Exempted
I	-	-	Incomplete *
W	-	-	Withdrawal
WU	-	-	Withdrawal Unofficially

* may only be granted after approval from the Competent Authority at NED University.

Fee Information

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BE Electrical Programs Fee Structure (Pakistani Students)

	Admission Fee	Frequency	BE (EE)	BE (TE)	BE (CE)	BE (PE)
New Admission Fee	one time	10,000	10,000	10,000	10,000	10,000
	Security Deposit, (Refundable, payable in second semester)	one time	10,000	10,000	10,000	10,000
	Enrollment Fee	one time	10,000	10,000	10,000	10,000
	Application processing Fee	one time	2,500	2,500	2,500	2,500
	Examination Fee	per semester	8,000	8,000	8,000	8,000
Semester Fee	Tuition Fee	per credit hour	5,600	5,600	5,600	5,600
	Admission+Enrollment+Tuition+ Examination	Total Fee before discount, Semester I	128,800	128,800	128,800	128,800
	* Security Deposit+Tuition+ Examination	Semester II	107,600	107,600	107,600	107,600

* Advance tax, if applicable will be charged separately

BS Computer Science & Software Engineering Programs Fee Structure (Pakistani Students)

	Admission Fee	Frequency	BS (SE)	BS (CS)
New Admission Fee	one time	10,000	10,000	10,000
	Security Deposit, (Refundable, payable in second semester)	one time	10,000	10,000
	Enrollment Fee	one time	10,000	10,000
	Application processing Fee	one time	2,500	2,500
	Examination Fee	per semester	8,000	8,000
Semester Fee	Tuition Fee	per credit hour	5,600	5,600
	Admission+Enrollment+Tuition+ Examination	Total Fee before discount,Semester I	128,800	128,800
	* Security Deposit+Tuition+ Examination	Semester II	113,200	113,200

* Advance tax, if applicable will be charged separately

Advance Tax:

As per law, the Institute shall collect Advance Tax (on behalf of the government) at the rate of 5% on the entire amount of fee (if payable exceeds Rs 200,000 per annum). The Parent/Guardian can adjust this amount at the time of filing of their Income Tax return. The University will deposit the withheld amount with the government authorities on CNIC / NTN of Parent / Guardian and issue Tax Deduction Certificate after the end of the financial year.

Institute may increase fees, each year to cover inflation and increased costs.

Refund of Tuition Fee

A student who takes admission to UIT and then decides not to continue should intimate the Academic Administration & Examination Department in writing right away. He/she may be eligible for a fee refund as per the following schedule:

The date on which the Head (Academic Admin. & Examinations) receives the written intimation determines the percentage of tuition fee to be refunded as per the given below criteria:

During 1st week of the start of the First Semester	60% of the tuition fee
During 2nd week of the start of the First Semester	45% of the tuition fee
During 3rd week of the start of the First Semester	30% of the tuition fee
After the 3rd week of the start of the First Semester	No Refund

1. The fee refund dates will be calculated from the commencement of the First Semester and not from the date of admission.
2. The fee refund is possible only if the student has paid the full fee at the time of admission.
3. Students discontinuing their studies without written intimation are not eligible for any refund.
4. Fees other than the tuition fee are not refundable.
5. Students who are rusticated, suspended or expelled from UIT on account of any disciplinary action are not eligible for any refund.

Fee Refund Policy for Candidates whose Results are Unavailable at the Time of Fall-2021 Admissions

Due to the COVID-19 pandemic, HSC II/A-Level 2021 results are expected to be delayed. Therefore, UIT would be offering provisional admissions to candidates whose results are not available in time to be considered for the FALL-2021 intake. To facilitate such candidates, UIT's

standard fee refund policy has been revised for the Fall 2021 intake, as follows:

1. Candidates whose results are not available in time to be considered for the FALL-2021 intake may be offered provisional admission. Provisionally admitted candidates will have to pay Rs. 10,000/- Admission Fee (non-refundable) at the time of receiving the provisional offer letter.
2. Provisionally admitted candidates have to pay the balance amount of Rs. 118,800 (this includes enrollment, examination & tuition fees). Again to facilitate such candidates they will only be required to pay Rs. 59,400 (50% of the balance) by the deadline mentioned in the offer letter. The remaining 50% is payable within five days of the commencement of classes.
3. The enrollment, examination and tuition fees paid by the candidate is 100% refundable in case the candidate gets less than 60% in HSC II/A-Level/12th Grade equivalent marks. Such candidates will have to provide a marksheet/IBCC equivalence/gazette notification of HSC II/A-Level/12th Grade equivalent marks to get the refund. If such candidates get 60% or more marks in HSC II/A-Level/12th Grade examination and would like to withdraw, the standard refund policy will apply.

Notes:

1. A student who registers and decides not to attend the semester / course for any reason whatsoever, or chooses to withdraw during the semester, must inform the Academic Administration Department in writing that he / she is discontinuing the studies. Students discontinuing their studies without written intimation are not eligible for any refund.
2. Students who are rusticated, suspended or expelled from UIT on account of a disciplinary action are not eligible for any refund.

Payment of Fee in Installments

There is a provision of paying fee in installments from the second semester onwards. A maximum of three installments can be availed in a semester. Please contact the Academic Administration & Examinations Department for the terms & conditions and eligibility criteria

Financial Aid and Awards

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Financial Aid and Awards

While it is assumed that a student applying for admission to UIT has the necessary resources to finance his/her education at UIT, UIT offers several Scholarships, Grants and Awards to brilliant and needy students. It also offers concessions for siblings (existing student's brother or sister) and children of UIT's staff members. A student can avail only one financial assistantship at a time.

Haji Hasham Foreign Masters Scholarship

Starting from the year 2020, two graduating students from the batch 2016 will be awarded fully-funded scholarships to do Masters abroad (in select institutions shortlisted by UIT). One student from Electrical Engineering Department (all programs - Power, Telecom, Electronic, and Computer Systems) and another from Computer Science Department (all programs - Computer Science and Software Engineering) will be eligible. The winner must at least obtain a graduating CGPA of 3.85 and top his/her Department's final semester CGPA merit list.

Usman Gold Medals, Merit Certificates and Cash Awards

Named after our deceased Usman Sahib, every year six gold medals are awarded to top graduating students in each of the degree programs. This is accompanied by a cash award of Rs. 25,000 and a merit certificate. The student with the minimum 3.85 CGPA on graduation in a discipline (e.g. BE EL Power or BS Software Engineering etc.) will be the winner. In case of a tie on CGPA, the student with greater number of A* grades will get the scholarship. In case of a further tie, the student with greater number of A grades will be selected. In case of further tie, the Director UIT will decide the winner.

Usman Talent Hunt Scheme - Gold Scholar

Available on admission, 10 Usman Gold Scholars will avail a 100% tuition fee waiver for the four-year duration of the programs that they are enrolled in. To qualify, a candidate must (i) be within top 20 of the UIT's Admission Merit List and (ii) obtain a minimum merit score of 80. To maintain this scholarship, the Scholar must maintain a CGPA of 3.30. In case the number of qualifying candidates is more than the awards available, the top ten will be

declared successful.

Usman Talent Hunt Scheme - Silver Scholar

Available on admission, 10 Usman Silver Scholars will avail a 25% tuition fee waiver for the four-year duration of the programs that they are enrolled in. To qualify, a candidate must (i) be within top 50 of the UIT's Admission Merit List and (ii) obtain a minimum merit score of 75. To maintain this scholarship, the Scholar must maintain a CGPA of 3.30. In case the number of qualifying candidates is more than the awards available, top ten will be declared successful.

Hajiani Amina Hasham Meritorious Scholarship

The scholarship includes full tuition fee waiver. Students who attain at least 3.30 CGPA would be eligible for this scholarship. Three students from each batch (i.e. 12 per semester) would be awarded these scholarships based on the order of merit. This scholarship is not available in the first semester.

Hasham Foundation Need-cum-Merit Assitsanship

Hasham Foundation Scholarship would be awarded on a need-cum-merit basis. 25% tuition fee waiver will be provided to up to thirty-six students from each intake who can (1) establish financial need, (2) are not availing the Hajiani Amina Hasham Meritorious Scholarship and (3) have a minimum CGPA of 2.50. Interested candidates must apply for the award as per schedules announced every semester. Candidates are interviewed by a Scholarship Committee. Final selection is based on the result and recommendations of the Committee. This award is not available in the first semester.

UIT Alumni Association Scholarship

Up to 2 students selected by the UIT Alumni Association will be awarded 100% tuition fee waiver. Interested candidates must apply for the scholarship to the Academic Administration & Examination Department.

Hamida Begum Scholarship

1 student selected by the UIT Alumnus Engr. Umer Iftikhar will be awarded 100% tuition fee waiver. Interested candidates must apply for the scholarship to the Academic Administration & Examination Department.

Siblings Concession

When a sibling/siblings of an active UIT student is/are admitted, one sibling will pay the full tuition, while the other(s) will get a 25% tuition fee waiver. To avail the concession, both/all siblings must be registered in a semester. In order to maintain the scholarship, all siblings must maintain a minimum CGPA of 2.50.

UIT Staff Members Concession

100% tuition fee waiver for the four-year duration of the program for the first child of a UIT Staff/Faculty Member admitted to UIT. 85% for the second child onwards. The student must maintain a minimum CGPA of 2.50 to continue availing the concession.

Hardship Concession

Twelve hardship concessions are available to students whose families have fallen on hard time after admission to UIT. This concession entails an upto 25% tuition fee waiver. All cases of concession are approved by the Director UIT. The students must establish severe financial need due to circumstances beyond their control developed after admission was taken at UIT. A minimum CGPA of 2.0 is required for this concession.

Ihsan Trust (Qarz-e-Hasna)

Qarz-e-Hasna is provided on a need basis with easy repayment conditions without interest. Students apply to Ihsan Trust through UIT.

Mohammad Moosa Hasnain Scholarship

One student selected by UIT Alumnus Engr. Mohammad Moosa Hasnain will be awarded 100% tuition fee waiver. Interested candidates must apply for the scholarship to the Academic Administration & Examination Department.



Research & Community Enrichment Initiative

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Micro Electronic Research Lab (MERL)

MERL envisions itself as an initiative to enable Pakistan become a recognized global player in the microelectronic industry. MERL was born in UIT and is currently led by UIT's Prof. Dr. Roomi Naqvi and Dr. Ali Ahmed.

Microelectronics Research Laboratories (MERL) has an ambitious plan to lead the microelectronics research and development in Pakistan. Although it is an engineering enterprise providing cutting-edge exposure to the people working for it, MERL administration also strongly motivates them, not by example of its power but by power of its example, to exhibit the highest codes of personal and professional development.

In the little time that it has existed, MERL has made serious contributions and has made significant achievements. Some are:

- MERL-UIT is a RISC-V International member (first organization and only academic institution in Pakistan).
- CHIPSALLIANCE Associate Member (1st and only Organization and Academic Institute from Pakistan).
- First ever RISC-V based SOC tapeout on Sky 130 nm (Google and efabless sponsored, to the best of my knowledge this will be first ever RISC-V -based SoC from Pakistan).
- Developed Ibtida-SOC written in Chisel and Ghazi-SOC written in SV. Fabrication on 130 nm from Skywater.
- Full GUI-based regression suite to test Cores and SoC from the Software team.
- RISC-V Vector extension using SweRV core.
- Azadi, Uqab (Ibex- based SoC, Final Year Project), Lexicon, Brq_RV(SWeRV-based SoC) total 4 designs submitted for Google OpenMPW-2.



Zeeshan Rarique



Hadir Khan

- Hadir Khan, graduate of UIT and a Research Associate at MERL, has been accepted for a fully funded PhD scholarship at University of California Santa Cruz.
- Zeeshan Rafique, a student of UIT and an intern at MERL, was accepted as a mentee in GSOC 21, is a RISC V International Ambassador, and was accepted as an intern at OSFGPA.

MERL gives priority to UIT students to work on engaging, interesting, and impactful microelectronic projects. The opportunity is open of all UIT students.

You could be the next big thing to come out of MERL.



Sustainability Initiatives aligned with UN SDGs

The real challenge on our hand is saving the planet from destruction. While the advance of technology cannot be stopped, there is a need to produce solutions that seek to provide the benefits of modern technology without sucking the life out of our planet.

United Nations has initiated the Sustainable Development Goals initiative to encourage sustainable technological ecosystem. UIT is committed to play its role as a leader in providing effective and affordable solutions to the society.

Again, our students are the key innovators. They come up with ideas, design them and implement a working prototype. Led by our faculty members, these projects are then converted in products with engagement from the industry.

Here is a highlight of some of the projects developed by the Sustainability Labs:

UV Based Smart Sterilization Robot



Electric Shuttle



Motorcycle Ambulance



E-Bike



Infrastructure & Support Services

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Library & Information Resource Center

The Library of Usman Institute of Technology (UIT) serves as a Library and Learning Resource Center (LRC). It serves as a backbone for all education and academic activities. LRC is the hub of learning and information for faculty and students. The enriched collection of latest books related to core disciplines and other areas with comfortable environment provides opportunity to the students to enhance their knowledge and complete their curriculum requirements including subject knowledge, assignments, projects, etc. The UIT Library is additionally catering wide range of services to cater to the specific needs of students and faculty.

UIT's LRC supports a learning conducive environment. It is a serene, well-stocked, air-conditioned, and a fully computerized library. The LRC functions are managed by professional, well-trained and courteous staff adding value to the facilities and learning process. To ignite the intellectual spirit in the young minds, LRC is enriched with a stock of the latest books, collection of audio/video CDs, corporate and industry information.

UIT's LRC subscribes the publications from the Institute of Electrical and Electronic Engineers (IEEE), USA and Association for Computing Machinery (ACM). Furthermore, the library also has the facility of Book Bank for students who find it hard to afford expensive books and can get these books for the entire semester, at a nominal cost.

The LRC is equipped with the facilities to provide study spaces that meet the diverse learning styles of our students. It is divided into several zones to meet the unique needs of the students' community at UIT.

Digital Library

UIT Library also has an Information Resource Center with fast and secure internet facility. The digital section of Library caters all printing needs of students. Intranet facilities are also available to exchange information resources. The digital section of Library provides online connectivity to following free digital resources to faculty and students to access books, journals and research papers:

HEC digital library

<http://www.digitallibrary.edu.pk/usman-inst-tech.html>

- Sindh E-Library

<https://el.sindhculture.gov.pk/>

Online Library

UIT Library has an automated database to record bibliographic data with the facility to search library holdings, while the OPAC (Online Public Access catalogue) with online book reservation facility is also available at <http://onlinelibrary uit.edu/>

Reference Zone

The 'Reference' is located on the ground floor, where students can consult reference sources like handbooks, dictionaries, encyclopedia, and Project Reports.

Group Study Zone

This zone is allocated for the students who want to study in groups. It is equipped with study tables and power sockets for laptops.

Quiet Zone

This zone is designed for individual study with separate study carrels. In this section, students can enjoy study in a pin drop silence while using their electronic gadgets like laptop, and tablet PCs for learning and productivity.

Tutorial Room

Tutorial Room is available for faculty members; in case any student requires additional counseling in any subject. Equipped with all training aids, it can accommodate ten to twelve students at a time.



Management Information System

The department of Management Information Systems (MIS) is responsible for innovations in products, to help UIT's technological advancement. This department is engaged in creating, implementing and managing innovative new products such as organizational ERP to keep UIT a step ahead of the competition in the field of Computer Science and Technology. The department is also providing software solutions for ever-growing need of automating the academic processes. MIS department shares acquired knowledge and expertise from its Research and Development with all the academic departments and hence this research work is further utilized to help developing final year projects by the students. Maintenance and enhancement is the most important secondary function of the MIS department. Existing products should be maintained according to specifications and requirements and new products should be implemented to facilitate the growth of computational and technological needs of the institute.

The following systems currently in use have been developed by the department, after thorough analysis and research:

1. Book Bank
2. Student Portal
3. Website of UIT

ERP in education is not a new concept and its implementation has been revolutionizing institutional management for a while now, helping institutions to improve their operations, thus making them manageable and more transparent. The development of technology and widespread demand for computing concepts has led UIT to incorporate this state-of-the-art ERP solution and offer the following systems which would facilitate both students, faculty and staff alike:

1. Alumni System
2. Class Scheduling System
3. Faculty Evaluation System
4. Faculty Progress
5. Fixed Assets System
6. General Ledger
7. Graduate Directory
8. Human Resource Management System



9. LAB Management System
10. Library Management System
11. Payroll Management System
12. Provident Fund Management System
13. Online Quiz System
14. Student Information System and Management
(includes online admissions)

Department of Information Technology

Department of Information Technology facilitates computer usage at UIT by providing personal assistance coupled with user instructions. IT department provides users with a suite of services and resources. The IT services provided are as follows:

Campus Computing Facilities

The Institute provides a wide range of computing resources and support services. There are more than five computer laboratories at UIT with approximately 250 computers.

A Wired (Office LAN) and a Wireless network (Wi-Fi) are available to support campus computing needs and for sharing different computing resources.

These computer resources have a wide variety of software installed to help facilitate academic tasks, research, and development operations.

Main Computing Services

The services offered by the Department include:

1. Personal space for data storage
2. Access to various softwares, e.g. Microsoft Office
3. Network printing services
4. Access to disk for storage and moving of large files
5. Computer Labs Services
6. Secure wireless network



Data Centre

UIT's Data Centre is the hub of enterprise-level IT services. It consists of multiple servers which perform multiple operations to meet UIT's students, faculty, and administration needs.

Departments, Classrooms, and Labs

Offices, laboratories, and classrooms throughout the campus are wired into a large network. The departments are connected over the network with full data security and integrity. Staff and faculty can easily access their storage area from any location in UIT. Classrooms are equipped with computer and multimedia projectors. Labs are equipped with latest hardware and software. Network, printing, and internet services are also available in all the labs.

IT Support Services

Department of Information Technology (IT) Information System Group (ISG) is the central point of contact for assistance, information, and referrals pertaining to all of its services. Assistance, information, and referrals can be provided through email, phone, and online requests.

Electrical Engineering Laboratories

In Engineering Education, Laboratories are the link between theoretical and practical knowledge. A number of state-of-the-art Electrical Engineering Laboratories have been established in order to cater for the full breadth and depth of Bachelor of Electrical Engineering program. List of these laboratories is given below:

1. Electrical Engineering (EE) Laboratory
2. Electronic Laboratory-I (EL-I)
3. Electronic Laboratory-II (EL-II)
4. Electrical Machines & Drives (EM&D) Laboratory
5. Digital Systems (DS) Laboratory
6. Cyber-Security & Wireless Laboratory
7. Communication Systems (CS) Laboratory
8. Power Engineering (PE) Laboratory
9. Physics Laboratory
10. Workshop



These laboratories are fully equipped with the latest test & measurement equipment and training boards/systems, to impart practical knowledge in the different areas of Electrical Engineering like Electronic, Telecommunication, Computer Systems and Power.

Miscellaneous Facilities

Stationery Corner

A bookshop on the campus provides the facility of photocopying and laser printing at competitive rates. A selected stock of stationery, that students often need, and assortment of books are also available.

Cafeteria

The Institute's cafeteria provides students a place to relax and get together with fellow students. A regular inspection is being made to ensure proper services and hygienic food.

UIT Website

The Institute website is equipped with all the necessary information about programs, faculty, facilities, etc. The website is regularly updated so all stakeholders remain well informed.

All the prospective candidates and their parents are advised to visit UIT website (www.uit.edu) for all the relevant information.



Corporate Liaison



Corporate Liaison & Admissions (CL&A)

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Corporate Liaison & Admissions (CL&A)

Industry-Academia Linkages plays a vital role in the development of any country. It helps in coming up with solutions to problems being faced by the industry and the nation, exposing students and faculty to the needs of the industry, development of programs and curriculum that meets industry needs, looking for internships and employment for graduates in the industry; coming up with improvement of the Final Years Projects of the students; knowledge sharing and skills enhancement for both the industry and universities, etc.

UIT's CL&A is aggressively working to take these linkages to the highest level. In this direction the department is working on the following aspects:

1. Industry assistance in the Final Year Projects (FYP) for UIT's students.
2. Undertaking joint projects with the industry to solve problems that are being faced by the industry.
3. Coordinating with Digital/Electronic/Print Media to provide media coverage to the final year students for the promotion of their FYPs at digital and social media.
4. Industry assistance in developing meaningful internships for UIT students.
5. Industry participation in the Job Fair and conducting interviews at UIT for giving employment to UIT graduates, as well as they hire our potential undergraduates as full time/part time employees.
6. 50+ companies have participated in the Job Fair – 2020 i.e. Pak Suzuki, Gatron Industries, SuperNet Ltd. Fi Pakistan, Dubai Islamic Bank, Unicol etc. and around 20 students were hired by different companies on the day of the event.
7. Coordinating with industry to conduct on campus Recruitment Drive for job placements and internships.

8. Coordinating with industry for arranging relevant and meaningful Industrial Visits for students, graduates and faculty of UIT.
9. Industry to assist in Faculty Industrial Exposure/Placements. Industry to also place its staff in UIT for a specific period.
10. Industry to assist in arranging lectures/workshops/seminars/conference by industry experts.
11. Industry to conduct online Job Training Session specifically for the Final Year Students during the Pandemic of COVID-19.
12. Industry to assist in arranging board of advisors for industrial Linkages enhancement.
13. Industry to assist UIT in starting new programs and assist in curriculum development/changes in new/existing programs as per industry needs.
14. Industry to help in providing career consultancy and polishing CV's of the students
UIT to arrange trainings for Industry's staff as per Industry requirements.
15. Taking Alumni and Employer's Feedback the hired graduates and undergraduate Interns of UIT.
16. CL&A also actively participating in counseling of the undergraduates and graduates to choose the best career path.
17. CL&A has taken an initiative of developing graduate directories of fresh graduates.
18. CL&A organized an Educational Sindh Trip for the current students and provided them the opportunity to visit IBA Sukkur University and Mehran University.

Keeping an eye on the figure of technical/ethical issues which has been pointed out in Alumni and Employer Surveys, CL&A has taken an initiative with collaboration of Industry to arrange a series of career counseling sessions named "Job Training Classes" especially for Final Year Graduates.

CL&A in the previous year arranged internships for 400+ students in well-known organizations such as, Pakistan International Airlines (PIA), PARCO, PTV, Orient Energy Systems, Mehran Sugar Mills, Orient Power, M.M. Oil Mills, ICC, Artistic Milliner, Electro Dynamics Works, International Industries Ltd. (IIL), Lucky Cement, Sui Southern Gas Company Ltd., Fi-Pakistan, Tri-Pack Films, K-Electric, Al-Karam Textile, Abbot Labs. FAV Group, Artistic Denim Mills, The Nest I/o, MDL Technology, Pakistan Cables, General Tyre & Rubber Company (GTR), Edison Engineering, Civil Aviation Authority (CAA), PCSIR, Southern Gas Company Ltd (SSGC), Alsops Group, Super Nova, QTN, Y-30 Technologies, Peoples Steel Mill, Novatex, Balochistan Wheels Ltd. The Automators, Electro Dynamics Works, Brandians.

Also arranged industrial visits for 550 students in diverse organizations such as Mehran Sugar Mills, GFK – Etilize, Zypher Wind & Solar Plants, Pak Suzuki Motors, Lucky Textile, Novatex, The Nest I/o, Yunus Textile Mills. Feroze1888 Mills. Brandians, PTA, FTC Management, CIS Software House, Water Board, Tri-Pack Films, Al-Karam Textile, Fauji Fertilizer Bin Qasim (FFBL), International Industries Ltd. Premier Cables, English Biscuits Manufacturers (EBM), e- Creatorz, SIEMENS Pakistan, Toyota Indus, PSO, Pakistan Cables, Descon Engineering, PARCO, Electro Dynamics Works, Lucky Cement, Thatta Cement, Sui Southern Gas Company Ltd (SSGC), KINPOE, KNPC, Pakistan Steel Mills, Younus Textile Mills, Azm Learning Institute, K-Electric Bin Qasim Power Plant-1, Engro Vopak Field, The Automators, General Tyre & Rubber, Company (GTR), Civil Aviation Authority (CAA), Pakistan Broadcasting, Corporation (PBC) etc.



Center for Continuing Education (CCE)

Center for Continuing Education (CCE) is an essential component of an educational institution for the purpose to help young engineers to enhance their technical knowledge, communication skills and professional development. CCE has started short courses, diplomas & workshops related to the trending technologies such as Artificial Intelligence, Industrial Automation & PLC, Software Define Network (SDN) and Hybrid Application Development, etc. These courses are being taught with the collaboration of a broad range of experts of the industry and Alumni. All courses usually held on weekends, Sundays and in evenings.

UIT is also a licensed branch of Professional Engineering Bodies (PEBs) to organize professional development activities like seminars, workshops, refresher courses, and conferences in collaboration with Pakistan Engineering Council. UIT has a well-developed program of Continuing Professional Development (CPD) that organizes such events and courses for PEC Registered Engineers and non-engineers.

UIT has collaborated with various international professional development academies for the professional development of the youth. A few names are CISCO, Fortinet Cyber Security, Palo Alto, Ali Baba Cloud Academy, Oracle, VMWare, Juniper, Amazon Web Services, IBM and etc. These collaborations and professional development academies enables UIT's students to complete professional training certification courses with a minimal fee or FREE.

UIT Alumni Association

UIT's Alumni are the most important manifestation of UIT's quality of education and training. Alumni are making their mark on society wherever they go; within the country or abroad and in this way, UIT's reputation is always progressing.

Alumni represent a platform for sharing knowledge, resources and ideas for positive impact amongst the UIT's undergraduates in particular and society in general.

An Official Alumni Association is working with the collaboration of CL&A. This Association organizes seminars, workshops, and technical guidance sessions for FYPs for current students. In addition, few scholarships are in every semester from the UIT Alumni Association.

Moreover, the association members stay connected with the UIT's undergraduate students for their professional development as Mentors. This Association also help in offering internships, job placements and industrial visits for the students.



Students' Desired Behavior, Guidelines, and Regulations

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Students' Desired Behavior, Guidelines, and Regulations

Institutions of higher learning require a delicately balanced ecosystem where all students, faculty members and staff exist in harmony with each other. UIT visualizes itself as an institution where everyone respects, supports and values everyone else. This requires everyone to behave in a manner suitable to his/her position within the UIT family. While faculty members are required to be parent-like figures to the students, the staff is encouraged to be helpful, honest and play their roles as facilitators in students' stay at UIT. UIT continuously communicates behavior and conduct expectations to its faculty and staff members.

Moreover, UIT is not only about course coverage that results in a degree. It is a comprehensive experience that transforms raw "high schoolers" into patriotic Pakistani citizens of the 21st century. Students are expected to exhibit a behavior that maximizes their development not only as a professional and but also as a citizen. Students are expected to be respectful towards all faculty and staff members. This respect shall be explicitly displayed in every students' conduct, speech, presence and actions. When interacting with anyone in the Campus, a student is expected to conduct him/herself in a dignified manner.

While most students already know how to behave with respect and dignity, the following points must always be observed by a UIT student:

1. A student must exhibit honesty, decency and respect towards others at all time and in all situations.
2. A student shall abide by all the rules and regulations of the Institute in true letter and spirit.
3. Students are expected to be punctual in attending their classes, submitting their assignments, and any other academic/non-academic activity.
4. Students are expected to be regular in classes. Regularity and punctuality in classes significantly improve a student's chance of success in the class which results in high academic performance. UIT does not allow students to appear in a course's final examination if their course attendance is below 75%.
5. Students shall refrain from hate speech, violence, rowdiness and disrespect in and around UIT.
6. Aristotle said, "it is the mark of an educated mind to be able to entertain a thought without



accepting it." Students shall not exhibit any behavior representative of ethnic, religious, sectarian, cultural, regional or political bias towards any member of the UIT family (students, faculty and staff members). When you see a pleasant and friendly debate turning into a heated argument, retreat. Your relationship with your fellow students, teachers and staff members is more important than winning an argument.

7. Honesty is the root of a conducive learning environment. Academic dishonesty in form of cheating, plagiarism, fabrication or falsification is strictly prohibited and may result in serious consequences. Both the guilty student and the facilitator(s) will be considered equally at fault.
8. UIT has provided a fully-equipped modern Campus. Treat all facilities and resources available as your own. The Campus and its environment are a reflection of the education that you get here. Please treat UIT property as your own. Harming your own property is an offense.
9. A faculty member is considered the final authority in a class. Utmost respect and regard is expected of all students towards their teachers. The effectiveness of learning strongly depends on the level of respect that you show towards the teacher and your classmates. Do not create any disturbance in a class, lab and library.
10. You shall be friendly towards your UIT family members. Treat everyone with respect. UIT has zero-tolerance policy towards harassing, teasing, undue pressurizing, threatening, or molesting any student, faculty or staff member under any circumstances.

Penalty for Misconduct

While UIT hopes that everyone behaves like a gentleman or a lady, in case someone exhibits serious misconduct, the following general strategy is used:

1. For minor and/or first offences, warning letters may be sent to the parents/guardians.
2. For more serious or repeat offenses, significant monetary fines may be imposed.
3. In extreme cases, a student may be expelled from the Institute on disciplinary grounds.

The decision made by the UIT Management will be considered final and may not be challenged in a court of law. UIT sincerely hopes that this section will remain irrelevant for all UIT students.



Prospectus Receipt



Student's Particulars

Name _____

Form/Roll No. _____

Father's Name _____

Date _____

I confirm that:

1. I have received the UIT's Undergraduate Prospectus 2021-22 in hardcopy form.
2. I will thoroughly read and understand the contents of the Prospectus.
3. The rules, regulations, policies and procedures outlined in the Prospectus are binding on me and I will abide by them.
4. I will retain this Prospectus handy during my study period at UIT.

Student's Signature _____



UIT PROJECTS DEMONSTRATION

