UNDERGRADUATE PROSPECTUS

2017 - 18

COMSATS Institute of Information Technology

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GREETINGS FROM THE EXECUTIVE DIRECTOR COMSATS

Dr. S. M. Junaid Zaidi, H.I., S.I.

I am glad you are considering joining the ever-growing CIIT family. This is indeed a wonderful enterprise of which to be a part. It's been almost two decade now that CIIT remains a center of knowledge, learning, creativity, bustling intellectual energy, and path-breaking ideas excelling it to the position of enviable prominence. Founded in 1998, we have grown beyond expectations and have won praise from both the industry and civil society as the premier Higher Education Institution (HEI) of the country.

Over the past few years, CIIT has consistently been listed among the Top 10 institutions of higher education in Pakistan. Nationally, CIIT is ranked at No. 2 in Research Productivity and No.3 in General Category of universities in Pakistan. Internationally, CIIT has been ranked in league of the Top 200 young and dynamic universities of the world as ranked by Times Higher Education, UK in 2017. We are also ranked among Top 601-800 World universities (2016-17) and among Top 141-150 in Asia by THE.

We are proud of these recognitions and others; however, consistently maintaining a leading position is not without its challenges. We are ever conscious of the fact that the global higher education landscape is extremely dynamic and is changing right under our feet. It is our firm belief that if we are to respond to changing professional, intellectual, economic, and technological circumstances; and if we are to successfully reach and prepare a vastly diverse population of students for success in the coming decades, we need to stay abreast of these changes. It is this realization that has compelled CIIT to evolve in fundamental ways.

At CIIT we value every person in our care and it is our goal to provide the best possible environment in which our students can thrive. Our campus has grown from its inception to accommodate over 34,000 students in world-class teaching facilities in our 8 campuses. We are privileged to have a talented, highly committed faculty and support staff here to ensure the learning environment of our students is the best it can be. We have the largest doctoral pool of around 1,097 PhD faculty members, disseminating world class knowledge. Having 6 faculties, 18 departments and 97 degree programs, there is a wide variety of academic disciplines to choose from.

If you choose to study at our CIIT, not only will we help you attain a degree respected and valued everywhere but will also enjoy the best student experience in Pakistan. I invite you to explore this prospectus, call an admissions representative or talk to our faculty, to learn more about us. I hope you will join us soon and have the opportunity to experience the value of being a COMSATS Institute of Information Technology Graduate.

GREETINGS FROM THE RECTOR

Prof. Dr. Raheel Qamar

It is a privilege for me to share with you the prospectus of COMSATS Institute of Information Technology (CIIT) 2017-18.

Since its inception, CIIT has come a long way in a short span of time due to the commitment and dedication of its team of hardworking professionals. The institute has grown from a single campus to 8 campuses in just 17 years and set on the threshold of breaking into a new era of growth and success with the aim to be among the best seats of higher learning. CIIT, chartered in the year 2000, now stands at an enviable position, with a choice of eight fully functional campuses including its Virtual Campus, 06 Faculties, 18 Departments and around 100 degree programs to its prospective students. CIIT is a leading research based institution, recognized nationally and internationally for its teaching standards and research output.

I can proudly boast that the quality oriented focus, industry linkages and international affiliations have earned CIIT a fast-track topnotch ranking on consistent basis among the country's HEIs, which has been testified by the Higher Education Commission (HEC) and lately by Times Higher Education (THE), UK. It is an honor to share with you that currently CIIT stands at # 03 in General Category and at # 6 in overall Universities/HEIs within Pakistan. It also has the honor of being ranked at # 1 during the year 2016, based on nature index. The Institute has another feather in its cap for being ranked at # 1 among all Pakistani HEIs/Universities in TIMES Higher Education (THE) World University Rankings (WUR) 2016-17, anchoring it's position among top 600-800 Universities of the World. The consistency of being up-and-coming reflects the Institute at # 2 in Information Technology University's Quality Research Ranking 2016 among 200 Universities/HEIs.

CIIT offers a unique blend of programs in its curriculum. It continues to improve the educational programs in line with the progress of science and technology, so that its students are well prepared for global engagements. Its world class faculty is drawn largely from academia as well as industry to ensure that links with the academia and commercial worlds are robust and the students are able to work on real world problems. This provides an excellent opportunity for career progression of the students. The Institute has 34,239 full time students studying in various undergraduate and graduate degree programs and is rising in number. 44,371 students have successfully completed their graduation from CIIT equipping the students with practical knowledge, analytical skills, and tools necessary to give them a great start to their professional life.

Come join us on an exciting journey into the future.

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Welcome to **CIIT**

CIIT began its voyage in the midst of challenges posed by the ever growing demands emanating from the changing environment in the global economy. The trends in the world economy were marked by the phenomena of diversification, relocation, mergers, restructuring, outsourcing, ever-increasing product market competition and deregulation of markets; and the new era of Internet and Information Technology was driving and forcing every nation on the planet to innovate, transform and evolve itself to changing conditions. In this emerging scenario, organizations were driven to continually improve their performance by reducing costs, innovating products and processes, and improving quality, productivity and speed to compete the market effectively.

Human resources were increasingly being taken as the major and essential asset of countries and multinationals. A skilled and well trained human resource adept with the new techniques of Information Technology (IT) applications was becoming the norm and a necessary accompaniment.

Pakistan was no exception and there was a dire need to establish a reputable Information Technology Institute to cater the demands of the changing times. As IT applications were non-existent and only insignificant vendor industry existed in the country, the young, aspiring and ambitious students in Pakistan found scant facilities for quality IT education. Hence the establishment of CIIT, with the primary objectives of providing quality education and training in the field of Information Technology, became a necessity. CIIT became functional in April 1998, and started operating in a rented building of the erstwhile University Grants Commission (Now Higher Education Commission).

CIIT was launched with the initial hiring of system assistants, programmers and other professional staff. The certificate courses began in August 1998. A website was also developed to mark the arrival of CIIT on the scene. In 1999, post graduate diploma in computer science was started. These courses were aimed to train qualified engineers, scientists and graduates. The diploma course enabled the students to play a productive role in the IT market. The campus began these pioneering courses, working in a single lecture room and one computer laboratory with 16 computers. At the arrival of the second batch another office was hired from the National Institute for Science and Technical Education. Permanent and visiting teachers were hired for the purpose of running these courses. Moreover, CIIT assembled and groomed a core group of professionals specializing in customized software solutions to industry and commerce.

The year 1999 marked the beginning of regular classes in Bachelor of Science in Computer Science, Bachelor of Science in Computer Engineering and Master of Software Engineering. CIIT was affiliated with Sir Syed University of Engineering and Technology, Karachi. Admissions were announced and the faculty was hired side-by-side. Professional short courses were also introduced to build competence in implementing new technologies. These courses were designed and structured to fuse IT innovatively with the business industry to create and sustain competitive advantage.

In August 2000, infused with success, CIIT earned for itself a degree awarding Charter from the Government

of Pakistan. Wah and Abbottabad Campuses were established in June 2001. Lahore Campus followed in March 2002. In August 2002, all departments were moved to H-8 Campus in Islamabad. The Attock Campus was established in April 2004, followed by Sahiwal Campus in December 2006, Vehari Campus in August 2008 and Virtual Campus started its classes in 2012. Within the initial years of its establishment, CIIT's latest course structure, state-of-the-art facilities and dedication to quality started to make ripples in the IT education sector. The result of this has been an overwhelming demand that is being satisfied with the

education institutions of Pakistan. Today it comprises of eight campuses in different cities including a distance learning campus, six faculties and 18 departments, offering around 100 degree programs in a wide array of disciplines to its current and prospective students. Its ranking in the top Institutions of higher learning in Pakistan is a distinction, CIIT is proud of it.

CIIT is aware of its responsibilities and is making every effort to keep its academic excellence and research top notch. It has inked various Memoranda of

establishment of new Campuses. The work on establishment of more campuses is in progress particularly in the province of Sindh and Balochistan. In addition to this, on the advice of the Federal Government, efforts are also underway for opening an overseas campus in the Gulf region.

Thus, with the modest beginnings, CIIT has gradually placed itself in an enviable niche among the higher

Understandings for different educational and research purposes, where its young faculty and students alike are benefiting from the world class universities. These efforts in turn benefit Pakistani society where a rich pool of its human resource is being developed to make the dreams come true, envisioned by the founding fathers of CIIT.

Charter of **Degree Awarding Institute (DAI)**

The COMSATS Institute of Information Technology (CIIT) was granted status of Degree Awarding Institute (DAI) by the Federal Government of Pakistan vide Presidential Ordinance No. XXXVIII issued on August 12, 2000.

The President of Islamic Republic of Pakistan is the Patron and the Federal Minister for Science and Technology is the Chancellor of the Institute. The CIIT functions under the guidance of the Board of Governors (BOG) headed by the Executive Director, Commission on Science and Technology for Sustainable Development in the South (COMSATS).

The Board of Governors has representation from the Ministry of Science and Technology, Ministry of Federal Education and Professional Training, Higher Education Commission (HEC), educational NGOs and distinguished academia.

The principal academic and administrative officer of the Institute is the Rector, who performs his functions in accordance with the general policy guidelines of the CIIT, laid down in the Charter and enforced by the Board of Governors.

The CIIT is now slated for up gradation as a university, to be called "COMSATS University" through an act of the Parliament.

Board of **Governors**

Executive Director, Commission on Science & Technology for Sustainable Development in South (COMSATS)	Chairman
Secretary, Ministry of Science and Technology, Islamabad or his nominee	Member
Secretary, Ministry of Federal Education and Professional Training, Islamabad or his nominee	Member
Chairman Higher Education Commission or his nominee	Member
One Nominee of Educational NGOs	Member
Three Persons of Outstanding Merit nominated by the Managing Committee of the COMSATS	Member
Rector, COMSATS Institute of Information Technology	Member
Campus Directors, COMSATS Institute of Information Technology	Member
Two Deans of Faculties of COMSATS Institute of Information Technology nominated by the Managing Committee of the COMSATS	Member
Registrar, COMSATS Institute of Information Technology	Member/Secretary

Mission

CIIT, founded in the belief that understanding enriches all people, is dedicated to the search for truth through advancement of learning and extending the frontiers of knowledge; to the sharing of this knowledge through education in an academically diverse range of disciplines; and to the application of this knowledge for the benefit of the people of Pakistan in particular, and the Muslim Ummah and the world, as a whole. The Institute's mission is threefold:

♦ Research and Discovery

Generate and preserve knowledge, understanding, and creativity by instigating enquiry, conducting high-quality research, and promoting scholarship that benefit students, scholars, and communities across the country, Muslim Ummah, and the World at large.

♦ Teaching and Learning

Share that knowledge, understanding, and creativity by providing a broad range of educational programs among a diverse community of teachers and taught, and prepare professional graduate, and undergraduate students, as well as non-degree-seeking students interested in continuing education and lifelong learning, for active roles in competitive and culturally diverse environments.

♦ Outreach and Public Service

Extend, apply, and exchange knowledge between the Institute and society by applying scholarly expertise to intellectual, social and technological problems, by helping organizations and individuals respond to their changing environments, and by making the knowledge and resources created and preserved at the Institute accessible to the citizens. Using the resources of its multiple campuses in an integrated fashion, the Institute vies to strengthen the services to the state through educating a modern work force, and through research and development, production of goods and services, technology commercialization, and partnership with businesses, government and community groups.

In all of its activities, the Institute strives to sustain an open exchange of ideas in an environment that embodies the values of academic freedom, responsibility, integrity, and cooperation; that provides an atmosphere of mutual respect, free from discrimination and prejudice on any ground; that assists individuals, institutions and communities in responding to a continuously changing world; that is conscious of and responsive to the needs of many communities. It is committed to serving; that creates and supports partnerships within the Institute, with other educational systems and institutions, and with communities to achieve common goals that set high expectations for and empower individuals within the community.

Achievements

International Office

As the journey continues, the Institute's commitment in transforming it into an excellent institution of academic learning and research is unyielding. With regard to this, we have devised strategies for promoting greater international exchanges to overcome the upcoming challenges in higher education. We are committed to achieve our goals and for this purpose, an International Office has been established.

The International Office is responsible for initiating, negotiating, and sustaining international dialogue with counterpart education and research institutions with the ultimate objective of entering into mutually beneficial collaboration, resulting into faculty development, training opportunities and collaborative research endeavours. Its agenda is to promote a multi cultural and globally aware environment.

Linkages with National and International Institutions

The CIIT in its brief history of fifteen years has made landmark achievements by signing more than 315 Memoranda of Understanding (MoUs) with national and some of the world's renowned educational institutions. The nucleus rationale of getting into linkages is to encourage exchange of students and faculty to pursue higher education, to organize joint conferences, workshops and seminars, to arrange joint research activities, to work out on staff development programs and other academic related activities.

Quality Enhancement Cell

CIIT is always committed to undertake exciting process of dynamic change for continuous progress and improvement in the quality of its academics and

management spheres. The rankings targets in the higher education market were amicably sustained consistently for the last 5 years. The CIIT has achieved outstanding scores for the quality academic pursuits and continuously progressing on faster track for competing international standards to ensure quality and quantity of all current academic and research programs. CIIT system believes in excellence in R&D and innovation for boosting economic activities. Enhancement in R&D capability is also very much important for future knowledge and references. R&D activities at CIIT's campuses are helpful to enable it to compete at national and international competitive market of higher education. The continuous improvements in quality and quality assurance in teaching, learning and research is the key to highest level of students and parents satisfaction for their productive learning outcomes as per international standard and needs.

The Quality Enhancement Cell (QEC) at CIIT has the responsibilities to introduce and implement the quality standards through the quality procedures.

The tasks of QEC also include commencing and following systematic standard for monitoring and evaluation of the various aspects of all degree programs, all projects, services, or facilities, extended by the CIIT. In this way the QEC ensures that standards of quality are strictly met as per quality standards specified by Quality Assurance Agency of Higher Education Commission (HEC), Government of Pakistan. It processes and meets the requirements of HEC for quality assurance that cover the areas like assessment of all academic programs, institutional performance evaluation, third party validation by the World Bank Team, review of PhD programs, best university teacher national awards The QEC is being awarded the highest 'W' category each year from 2010 till now by the HEC for submitting the best yearly progress reports to them.

Beside, QEC also gatheres and provides detail data and statistics with evidence based indicators on the format for National Universities Ranking by the HEC.

ISO 9001:2008 Certification of CIIT Campuses:
CIIT took the lead among the national universities for obtaining and maintaining ISO certification through external audits/annual surveillance audits for its continuation. All CIIT Campuses are ISO 9001:2008

QMS certified. The ISO 9001:2008 Standard is a worldwide recognized standard for Quality Management System (QMS) which leads towards the Quality Assurance. It helps CIIT to understand and meet the administrative, service and academic needs of its valuable customer (students and parents). In 2011, all CIIT Campuses had obtained the ISO Certificates for three years up to 2014. The continuation of this certification was perused and after a series of intensive external audits, all CIIT campuses were further certified up to January 2018.

Quality Policy: Quality Policy of CIIT reveals expression and ownership of leadership commitment to total institutional satisfaction by implementing leading edge educational quality practices at all its campuses. All administrative and academic stakeholders are well motivated for achieving excellent performance to strengthen CIIT progressive vision and mission of maintaining high student's achievement and research excellence. The management of CIIT at all levels is devoted to highest standard of excellence with promising commitment for highest priority that quality measures could not be compromised.

Research, Innovation and Commercialization

The Office of Research, Innovation and Commercialization (ORIC) is aimed to transform pure knowledge into products and production processes with ultimate goal to give the research spectrum a more vibrant and strong stature. After receiving the intimation regarding establishment of ORIC, CIIT transformed the Research and Development Division into ORIC in March 2011, with some administrative modifications as per the requirements of HEC for establishing ORIC. The result is that now CIIT has a fully functional and operational ORIC setup at the Principal Seat.

Realizing the acute shortage of highly qualified researchers and scientists and to enhance research culture among the CIIT Faculty, the Research and Development (R&D) Division (Currently ORIC) was

established in January 2005 in COMSATS Institute of Information Technology (CIIT). From its very inception, the R&D Division under the dynamic and visionary leadership of the Rector, CIIT is playing an active and vital role to enhance and encourage the CIIT Faulty to contribute and share in promoting the research activities by submitting their research proposals in all the disciplines.

The mission of the ORIC is to establish a strong research culture, commercialization and innovation within a dynamic, efficient and effective team of scientists and researchers and to motivate them to play an active role to plan, strategize and to materialize the vision and mission of the CIIT. In addition, the ORIC welcomes and creates good working relationship with other higher learning institutions, industries and donor agencies especially HEC, PSF, British Council and ICT R&D Funds etc. in the activities that can enhance entrepreneurship, academic and research excellence. It also focuses towards achieving technological competitive edge and a world class status for the CIIT.

Research Output: At CIIT, faculty members and students are quite active in research in their respective fields. To encourage the research environment at CIIT, the management facilitates the faculty and students by providing facilities and incentives. The total number of research articles published by CIIT faculty till 2016 are 7,132. CIIT is the only Institute which has crossed the milestone of 1,000 impact factor publications in one year (2015). The detail of research publications year-wise is as under:

Year	Research Papers
2005	31
2006	97
2007	140
2008	183
2009	378
2010	383
2011	707
2012	603
2013	940
2014	907
2015	1,263
2016	1,500
Total	**7,132**

National Testing Service

The National Testing Service was established in July 2002. The prime objective of NTS is raising the overall quality of education in the country through credible and technically appropriate and accurate systems of performance and skills evaluation for students of various educational institutions at different levels, including testing for employment and for scholarships at advanced levels of education.

Chapters of International Organizations in Pakistan

CIIT has also been successful in establishing a number of chapters of international organizations in Pakistan. Currently, the following initiatives are being pursued by CIIT:

a) Edward De Bono Foundation Pakistan:

This is an internationally recognized organization, which is committed to the promotion of teaching and training of 'thinking' skills at all levels, and to encourage the inclusion of 'thinking' as part of the curriculum.

b) Inter Islamic Network on Information Technology:

The Inter Islamic Network on Information Technology (INIT) has been established in pursuance of the decision by the COMSTECH taken in February 2002. The INIT is an independent, self-governing organization working for utilizing, directing, and encouraging the use of Information and Communication Technologies and associated systems among the OIC member states. The INIT has been operational at CIIT since June 2002.

c) Catalyzing Role:

The CIIT, although relatively young, has highly competent and dedicated professionals working for it, who continue to play a critical catalyzing role in conceiving new initiatives, which have gelled into successful projects. Some of the initiatives that have become full-fledged programs/projects were the launching of the Virtual University (2002), National Institute of Electronics (2002) and ISESCO Center for promotion of Scientific Research (2004).

Projects Undertaken

CIIT has facilitated initiatives undertaken by the Government of Pakistan for skills and human resource development. A few of these projects include Training of Data Entry Operators, Medical Transcription Training, Legal Transcription Training, IT Training for Federal Government Employees, Training of School Teachers, Training Developers in Java Technology, and Postgraduate Diplomas for Students from Baluchistan.

IT Faculty Hiring Program

The CIIT collected data from the public and private sector universities for human resources needs in IT and simultaneously established linkages with expatriate faculty through public solicitation and informal contacts. The services of highly qualified IT faculty were acquired on short term and were placed in different universities of Pakistan. It helped to provide access to quality instruction, new insights into the discipline and research trends in IT and strengthened relationships between local and expatriate faculty. The program has been so successful that the Government of Pakistan has approved a much larger foreign faculty hiring program in other fields of Science and Technology, at the Higher Education Commission.

Establishment of CISCO Academies

The Ministry of Science and Technology taking benefit of CIIT being a Regional CISCO Networking Academy has launched a project for the establishment of ten CISCO Local Networking Academies in public and private sector universities. The initiative has been successful in newly established networking academies, spread across the country.

Technology Resource Mobilization Unit

Taking benefit of intellectual resource available at CIIT, the Ministry of Science and Technology instituted an arrangement for establishing and hosting think tanks in selected areas of IT. The areas were selected on the basis of their relevance to the national economy and mobilized technical expertise of private and public sectors. The program also facilitated outreach for the promotion of IT and helped the government and civil society alike in deploying IT for gainful purposes. The think tanks were instituted in the areas of Accreditation System for Education in IT, Computers in Schools, Call Centers, IT Law forum, Geographical Information Systems, Urdu and Regional Languages Software Development, Venture Capital, E-government, Women in Technology, Computer Hardware and Telecommunication Manufacturing in Pakistan, Simulation Software, Industrial Automation CAD/CAM/CAE, and Model IT Districts.

Convocations

So far 44,371 students have been successfully graduated from eight campuses of CIIT as shown in below chart:

Campus-wise Graduates

Chart: Campus-wise Graduates

Campus	Graduates
Islamabad	13,068
Abbottabad	9,848
Lahore	9,785
Wah	4,724
Sahiwal	2,331
Virtual Campus	1,875
Attock	1,600
Vehari	1,140
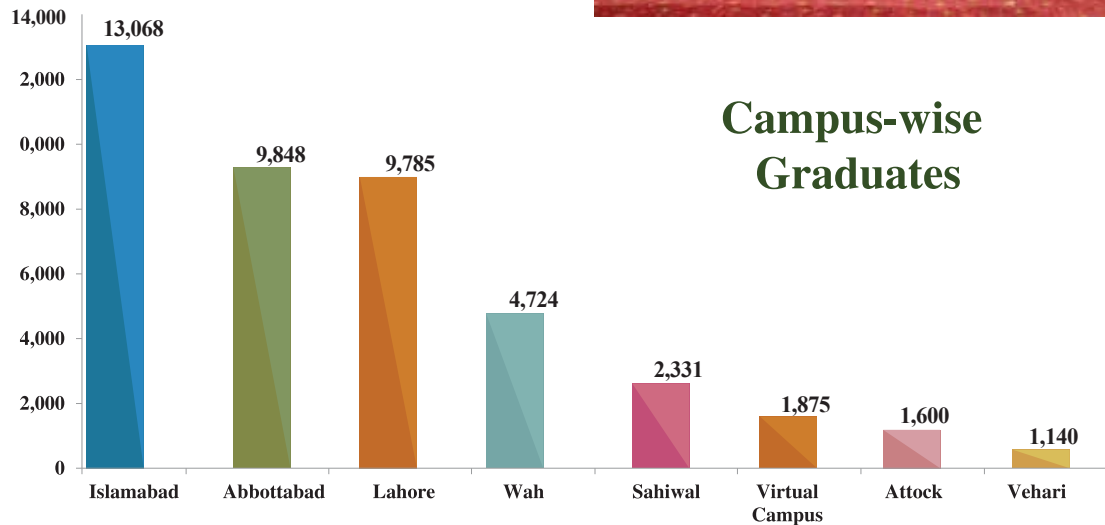
Rankings

Since its inception, independent entities have evaluated CIIT and the quality of its programs, such as the Higher Education Commission (HEC), Pakistan Engineering Council (PEC), National Computing Education Accreditation Council (NCEAC), Pakistan Pharmacy Council (PPC), and the Institute of Scientific Information (ISI) Web of Knowledge. It is a matter of pride for the CIIT that it has been able to record remarkable achievements in terms of ranking of its Engineering degree programs as well as research productivity of the faculty members.

During the year 2016, CIIT has been ranked # 1 among all Pakistani Universities in TIMES Higher Education Rankings (THE) World University Rankings (WUR) 2016-17, and has been placed among top 600-800 world Universities as well. Moreover, it was ranked among top 250 Asian Universities as per QS University Rankings and was among 401-500 in QS World University Rankings by Subject CS & Information Systems in 2016. It was also ranked at # 2 in Information Technology University's Quality Research Ranking 2016 of over 200 universities and also at # 2 in university ranking in Pakistan. CIIT was also able to attain No. 967 in World University Ranking 2015/16 by Middle East Technical University Turkey in University Ranking Academic Performance. Moreover, CIIT is ranked 137 in the prestigious TIMES Higher Education (THE) BRICS & Emerging Economies Rankings 2017 and ranked among 141-150 in the THE Asia University Rankings 2017.

Another achievement for CIIT was when HEC ranked it at number 03 in Pakistan in General Category in 2016. The contribution of CIIT in research is evident from the fact that it was ranked number 02 in research productivity among all universities of Pakistan in 2015

and it also crossed a milestone of 1,000 impact factor publications in one year (2015).

It was a moment of celebration for CIIT when HEC ranked it at number 6 in Pakistan in overall universities in 2016. This success is a manifestation of its undeterred commitment and has led to an unprecedented number of applicants for securing admission in CIIT every year.

CIIT holds the privilege of being ranked at # 1 during 2016 based on nature index.

It also attained position in Quacquarelli Symonds (QS) Asian University Rankings 2014 for the first time. QS is an international ranking body that critically evaluates and publicizes World and Asian University Rankings, which is based on the quality criteria of the institutions including Asian Academic Peer Review, 30%, Asian Employer Review, 10%, Papers per Faculty, 15%, Citations per Paper, 15%, Faculty Student Ratio, 20%, International Students, 2.5%, International Faculty, 2.5%, Inbound Exchange Students, 2.5% and Outbound Exchange Students 2.5%. CI I T is among top 250 Asian Universities based on above parameters.

In 2012, CIIT was ranked as number one (1) university of Pakistan in Computer Science and IT among all 132 universities of Pakistan. This ranking was announced by HEC based on QS ranking format and for enhancing Quality and Research based Rankings of Pakistani Higher Education Institutes. Besides, CIIT has also been placed at number two position based on the Research Publications in accredited databases of Thomson–Reuters Web of Science for 2012 as notified by HEC.

Ranked among **151-200 best young universities of world** by **THE** Ranking 2017

No. 1, Among all Pakistani Universities in TIMES Higher Education Rankings (THE) World University Rankings (WUR) 2016-17 and among 601-800 in world universities

Among 141-150 in the THE Asia University Rankings 2017

No. 301 in 301-400 QS World University Rankings by Subject Mathematics 2015-16

Among 401-450 in the field of Computer Science and Information Systems

Among Top 250 Quacquarelli Symonds (QS) Asian University Ranking 2014-2016

3 Stars rating out of a total of five by QS Star Rating System in 2013

No. 2 In Information Technology University's (ITU) Quality Research Ranking 2016 of over 200 Universities

Faculties, Departments, and Centers

So far, the following 06 Faculties, 18 Departments and 10 Research Centers have been established under the provision of Section 26(1) of the CIIT Ordinance:

Faculty of Information Sciences and Technology

Department of **Computer Science**
- ★ Health Informatics Unit

Faculty of Engineering

Department of **Electrical Engineering**
- ★ Center for Advanced Studies in Telecommunication (CAST)
- ★ Center for Professional Development (CPD)

Department of **Chemical Engineering**
Department of **Mechanical Engineering**
Department of **Civil Engineering**

Faculty of Business Administration

Department of **Management Sciences**
- ★ Business Incubation Center (BIC)
- ★ Center for Policy Studies (CPS)
- ★ China Study Center (CSC)
- ★ COMSATS Center for Executive Development (CCED)

Department of **Development Studies**
Department of **Humanities**

Faculty of Architecture and Design

Department of **Architecture**

Faculty of Health Sciences

Faculty of Science

Department of **Mathematics**

Department of **Physics**

Department of **Bio-Sciences**
- ★ Inter disciplinary Research Center in Biomedical Materials (IRCBM)
- ★ Energy Research Center

Department of **Environmental Sciences**
- ★ Center for Climate Research and Development (CCRD)

Department of **Earth Sciences**

Department of **Meteorology**

Department of **Chemistry**
- ★ Center of Advance Drug Research (CADR)

Department of **Pharmacy**

Department of **Statistics**

Academic Programs

CIIT is a world-class institution of higher learning with multi-campuses across the country. It aims to benefit the youth of various regions and to provide opportunities to the students to opt for location of their preference. The CIIT has its Principal Seat in Islamabad and seven fully functioning campuses at Islamabad, Wah, Abbottabad, Lahore, Attock, Sahiwal, and Vehari together with its Virtual Campus. Presently, the Institute in the respective campuses offers the following undergraduate degree programs:

Academic Programs

Bachelor of Science in	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
1. Accounting & Finance	🎓		🎓	🎓		🎓	🎓
2. Bioinformatics	🎓					🎓	
3. Biotechnology		🎓					
4. Biosciences	🎓						

Academic Programs

Bachelor of Science in	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
5. Business Administration	🎓	🎓	🎓	🎓	🎓	🎓	🎓
6. Chemical Engineering				🎓			
7. Civil Engineering		🎓	🎓			🎓	
8. Computer Engineering		🎓		🎓	🎓		
9. Computer Science	🎓	🎓	🎓	🎓	🎓	🎓	🎓
10. Development Studies		🎓					
11. Earth Sciences		🎓					
12. Economics	🎓	🎓		🎓			
13. Electronics	🎓						
14. Electrical Engineering	🎓		🎓	🎓	🎓	🎓	
15. Electrical (Computer) Engineering	🎓						
16. Electrical (Electronics) Engineering	🎓	🎓					
17. Electrical (Power) Engineering		🎓					
18. Environmental Sciences		🎓					🎓
19. Mathematics	🎓			🎓			
20. Mechanical Engineering						🎓	
21. Physics	🎓			🎓			
22. Psychology	🎓			🎓			
23. Software Engineering	🎓	🎓	🎓	🎓	🎓	🎓	🎓
24. Telecommunication & Networking		🎓				🎓	🎓

Academic Programs

Bachelor of	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
25. Architecture	✓			✓			
26. Business Studies	✓	✓	✓	✓	✓	✓	✓
27. Design	✓			✓			
28. Fine Arts				✓			

Master of	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
29. Business Administration (Executive, 2-years)	✓	✓	✓	✓	✓	✓	✓
30. Computer Science			✓		✓	✓	✓
31. Development Studies		✓					
32. Economics							✓
33. English							✓
34. Mathematics					✓	✓	
35. Public Administration			✓		✓		

Doctor of	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
36. Pharmacy (Pharm-D)		✓					

COMSATS

The COMSATS Institute of Information Technology (CIIT) offers its students a wide array of study programs at its eight campuses across the country. Currently 34,239 students are enrolled in the Bachelor, Master, MS and PhD programs at CIIT. The CIIT has highly qualified faculty, trained staff, adequately stocked library resources and latest research infrastructure and facilities.

At present eight campuses, including a Virtual Campus, are functioning at:

ISLAMABAD CAMPUS

ABBOTTABAD CAMPUS

WAH CAMPUS

LAHORE CAMPUS

ATTOCK CAMPUS

SAHIWAL CAMPUS

VEHARI CAMPUS

VIRTUAL CAMPUS

The work on establishment of more campuses is in progress particularly in the provinces of Sindh and Baluchistan. On the advice of the Federal Government, efforts are underway on the opening up of an overseas campus in the Gulf region as well.

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Facilities at **CIIT Campuses**

Lecture Rooms

All CIIT campuses have spacious lecture theatres which are IT enabled, air-conditioned, well furnished, and well maintained.

Laboratories

CIIT has deployed state-of-the-art IT infrastructure in all the laboratories of its campuses. Availability of top notch equipment and computers in the laboratories is a prime example of CIIT's commitment to providing its students with optimum learning facilities. All workstations are networked to CIIT's LAN and a high bandwidth connection provides connectivity to internet round the clock.

Library

The libraries at CIIT are spacious, well planned, and offer tranquil environment. They are richest information resource centers for the students. The libraries house an open shelf collection that includes books, films, CDs, journals and newspapers. The library staff provides one-on-one training and group instruction. If students need help in finding books, identifying authors or titles, the library staff is always available to assist.

Students also have complete access to online books and high quality, peer-reviewed journals, conference proceedings and articles through 21 different online databases under the HEC's National Digital Library Program. Students and faculty can access these resources from inside and outside the campus through VPN.

The e-books support program allows researchers to access most of the important test and reference books electronically in a variety of subject areas. Apart from this more than 15,000 e-books and video lectures on different subject areas are currently available on the CIIT E-Library which is in an ever-growing/developing stage and will become more and more exemplary/perfect with the passage of time.

An inter-library searching option is also available in the library. Users can search material available in the libraries of different campuses of CIIT, through Union Catalogue, and can request for desired literature from them. Users can request library staff to help them in

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getting their required literature from other libraries through inter-library loan.

Libraries provide facility for international lending and photocopying service through British Library Document Supply Center in UK and Library of Congress in USA. This service provides users an opportunity to access books, journals and information resources which are not available locally. They also provide facility of photocopying for those items which are within the provisions of the Copyright Act.

Hostels

All CIIT campuses have the hostels facilities. It is prime concern of the Institute to provide students a home away from home with all the necessary facilities.

Common Room for Girls

To facilitate the female students, the campuses have established spacious and comfortable common rooms. This provides female students with a place to relax, offer prayers, study, have informal discussions in free time available. Daily newspapers, magazines, periodical and journals are available for leisure reading.

Cafeteria

A food-street style catering service consisting of shops and kiosks having a wide range of quality snacks and meals, at modest prices, is available throughout the day on CIIT campuses. Students can relax and enjoy their breaks over a cup of coffee or tea.

Mosque

All campuses have mosque to offer regular prayers.

Photocopying Facility

The photocopy centers are working on subsidized rates. They also provide the facility of spiral binding, stapler binding and hard binding.

Islamabad Campus

CIIT Islamabad was established in 1998 to promote Information Technology and to reduce the ever-growing gap between the developed and developing world through useful applications of science and technology. During the first year of its establishment, the Institute offered only a few certificate courses and a postgraduate diploma in computer studies with a single class room and limited resources. Islamabad Campus of CIIT is situated at Chak Shahazad, Islamabad. Currently more than 8,060 students are enrolled in various degree programs at this Campus.

Islamabad Campus provides what a discerning student is looking for in a learning environment, academic excellence, quality teaching, and constructive leisure activities. We appreciate that it is crucial for today's student to work in a physical environment conducive to study. Here the faculty not only teaches but mentors the young and impressionable minds. The newly built campus is fully equipped with facilities of international standards. It is a marvel of modern architecture surrounded by a lush green environment and peaceful surroundings.

Academic Programs

The following undergraduate programs are being offered at Islamabad Campus:

Bachelor of Science in:

Accounting and Finance	BS (A&F)
Bioinformatics	BS (BI)
Biosciences	BS (BS)
Business Administration	BS (BA)
Computer Science	BS (CS)
Economics	BS (Eco)
Electronics	BS (Elec)
Electrical Engineering	BS (EE)
Electrical (Computer) Engineering	BS (ECE)
Electrical (Electronics) Engineering	BS (EEE)
Mathematics	BS (Math)
Physics	BS (Phy)
Psychology	BS (Psychology)
Software Engineering	BS (SE)

Bachelor of:

Architecture	B. Arch
Business Studies	BBS
Design	B. Des

Master of:

Business Administration (2 Years)	MBA (Executive)

Extra-Curricular Activities

Extensive extra-curricular activities are a way to soften tough and grilling academic rigor. It also provides opportunities to make new friends. Islamabad campus is very active in extra-curricular activities, as would be clear in the following paragraphs.

Adventure Club

The Adventure Club organizes adventurous activities for students. The activities include excursions, hiking and trekking, visits to historical places, hill stations and geological sites. Here the adventurous will find good company to give vent to their unbridled spirits.

Bazm-e-Adab

Public speaking is a rewarding art that one acquires through sheer practice. The objective of having the Bazm-e-Adab is to create interest in public speaking in the students by instilling in them confidence, self-assuredness and enhancing presentation skills. Each semester, members take part in intramural and external competitions and events.

Computer Science Society (CSS)

Computer Science Society was established to provide a platform for CIIT students to keep themselves updated with developments in the computing industry. For this purpose, software competitions and seminars are organized regularly. Our students are encouraged to acquire new skills by attending workshops and short courses in contemporary computing areas. Members have brought back several prizes won at competitions, held in other institutions.

Dramatics Club

An exciting variety of musical programs, exhibitions and dramas are organized by Dramatics Club, throughout the year. This provides fun time for students.

Electronics Society

Electronic Society provides opportunities to students to take part in internal, regional and national activities. It aims to develop the concepts of our students by linking theoretical knowledge to practical experience by executing many activities that are part of the Society's function. This greatly helps our students to carve a niche for themselves in the market as professionals. The Electronics Society also organizes

industrial visits as well as exhibitions to display electronics projects of the students.

club also organizes friendly, inter-campus matches from time to time.

English Literary Society

Effective speaking skills combined with sound knowledge are key ingredients to professional success. Providing assistance to students in developing English Language skills is the main objective of our English Literary Society, which is very active in various English language and literary activities on campus.

Fine Arts and Photographic Club

The Fine Arts and Photographic Club was formed in 2001 to enhance the creative skills of students and develop their aesthetic sense. The Club focuses on sketching, poster painting, portraits, landscapes and photography.

Sports Club

Sports Club arranges all sorts of sports competitions to channel boundless energies of our students. It provides opportunities for sports enthusiasts to share their interests and participate in events. Sports Club organizes tournaments in Cricket, Football, Badminton, Table Tennis, Hockey and Athletics, etc. Besides regular sports activities in each semester, the

Telecom Society

Telecom Society has been established to provide a platform to the students to pursue their interest in the field of telecommunication beyond academics. Through various activities this society aims to increase in its members. The understanding on dynamic developments taking place in the telecommunication industry and also understanding of ways and means to benefit from it. Core activity areas are participation and organization of seminars and exhibitions, establishment of career advisory center for students and arrangements for jobs and internships.

Career Development Center

Wherever you are in your academic career, freshmen through PhD, we are here to help you navigate your career during your years at CIIT, from choosing a major, to exploring different career options, to finding internships, to looking for part-time and full-time employment through Career Development Center. COMSATS Institute of Information Technology, through Career Development Center, aspires to cater the personal, academic and professional needs of its

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students. The principal pivot around which the core dogma of CDC revolves is the veracity and actuality that careers are not established by mere degrees and diplomas. It is much more than that, much broader in spectrum and much holistic in disposition. At CIIT's CDC, we tend to channel our vigor, energy and efforts for the career development of student in a way that they shine out to be an employee of an employer choice. For the said, we aim to initiate career development processes for students which embrace objects like career awareness, career exploration, career preparation, and work experience. Our purpose is to expose the students to the options that best fit their individual career needs. To that end, our services include:

a) Personal, academic and professional help
b) Part-time and full-time job listings
c) Internships and placement
d) Personality development
e) Job fairs
f) Etiquette workshops
g) Résumé and interview preparation
h) In-house trainings
i) Campus interviews and employer contacts

Student Center

A new facility, with the name of Student Center has been provided on the ground floor of Faculty Block II, where student's queries are answered under one roof. The Student Centre is being managed by the department of Students Affairs and Career Development Centre. Student Financial Assistance office is also part of the Student Centre and deals with any financial support requests of students. State of the art equipment and computer applications are available not only to assist students but also the working staff. All queries of student are dealt here with the slogan of one window operation. The Student Centre works as a bridge between students and other departments. Students submit their requests within friendly atmosphere of the Student Centre and a

ticket is issued in response to their query for future reference. The staff at the Student Centre not only provides appropriate guidance to students but also forwards their requests to the concerned departments. In case requests are dealt with by other departments, the outcome is communicated to the students and usually the entire cycle of application processing completes within forty eight hours.

Celebrating Success

Since its inception, CIIT Islamabad has produced 13,068. So far, 23 convocations have been organized.

Islamabad Convocations
Number of Graduates

Year	Graduates
2004	306
2006	330
2007	1,208
2008	337
2009	687
2010	1,361
2012	2,730
2013	1,212
2014	1,002
2015	1,349
2016	1,720
2017	826
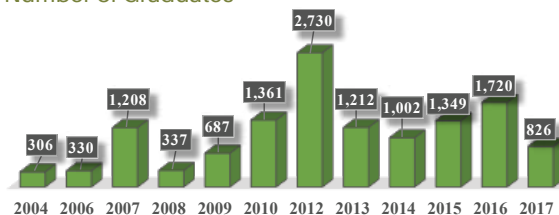
Cubator 1ne

The Cubator 1ne (COMSATS University Incubator 1) is a venture of COMSATS Institute of Information Technology. With a capacity to incubate 35 firms, Cubator 1ne provides impetus to business ideas by giving them a conducive environment, expert advice, mobilization of resources as well as the right networking opportunities.

Your business endeavor will hatch out of its shell and will become a growing and thriving venture once we help you 'match' the right amount of – ideas, money, hard work, networking, publicity and advice. CIIT's success story is a telling example that this is possible. The vision of cubator 1ne is to be 'the 1st choice' of entrepreneurs for a wide range of business services and facilities creating a beneficial atmosphere.

Students Start-up Business Center

Entrepreneurship and innovation are viewed as key contributors to global economic and social development of a country. University-based entrepreneurship ecosystems provide a supportive context in which entrepreneurship and innovation can thrive.

With the aim of instilling the spirit of entrepreneurship among students, CIIT has established a student Startup Business Centre (SSBC) with the support of Higher Education Commission of Pakistan, and the Promotion of Education in Pakistan Foundation, Inc. (USA). The goal of the program is promotion of talented students' entrepreneurship and enhancing their practical learning experience at the Institute. The overarching objective of the Centre is to promote student startup businesses by offering necessary support both in the form of mentoring and initial financial resources through its Startup Entrepreneurship Fund. The SSBC will provide a continuous stream of student led businesses and innovations at CIIT.

The student startups based at the SSBC would have the following benefits:

- Free co-working space
- Seed Grants
- Access to all CIIT facilities
- Networking
- Mentoring/coaching by faculty and practicing entrepreneurs
- Use of CIIT brand name
- Opportunity to participate in national/international start-up events
- Cash award for top program graduates

The objectives of SSBC are as follows:

- To encourage students to become valuable members of society and contribute towards societal / community development by deploying technical knowledge and scientific tools.

- To allow students to think creatively and develop latest applications and innovative technology based-solutions, hence encouraging them to work on practical utilization of knowledge.

- To serve as a platform for identifying ideas and technologies that can be commercialized and converted into viable products and services.

- To bring the Industry on board to provide regular mentorship to students and thereby provide an opportunity not only to the students to learn from the expertise and experience of Industry , but also to the Industry to discover the potential of our students and engage with the students and the Institute on a more long-term basis.

- To foster an entrepreneurial culture within CIIT and at a national level; a culture that facilitates and supports innovation and its translation into benefits for our society and our economy.

- To identify and attract sources of financial assistance from businesses, donors, and pro-bono services to assist students in their startups.

- To establish a Student Entrepreneurship Fund to support future talented students startups.

Abbottabad Campus

The Abbottabad Campus became functional in July 2001, and the first academic session started in September 2001. This campus is ideally situated in the vicinity of Pakistan Military Academy, Kakul. The campus is built on 308 Kanals of land leased by the Pakistan Army at Toba Camp.

The abandoned army barracks were converted into a living campus within a short period of two months by the CIIT team. The first academic session started with student strength of 121 and only three undergraduate programs. Soon Abbottabad emerged as a leading institute of the region. Today it has 11 departments, more than 5,765 students, 17 undergraduate programs, and qualified faculty strength of 643 including 231 PhDs. Its physical infrastructure emulates the best educational institutions of the country.

The natural climatic advantages of Abbottabad city, large land area, sports and recreation facilities and above all, a secure and friendly environment, have all combined to make the Abbottabad campus more of a resort. The campus is an ideal place to study, live and work. The campus area also encompasses parks, orchards and grounds, the lush green grounds, blooming flowerbeds and trees. Set in these environs, with a panoramic background view of Thandiani and Galiat mountains, makes CIIT Abbottabad campus a perfect place to study with complete peace of mind.

Academic Programs

The following undergraduate programs are being offered at Abbottabad Campus:

Bachelor of Science in:

Biotechnology	BS (BTY)
Business Administration	BS (BA)
Civil Engineering	BS (CEE)
Computer Engineering	BS (CE)
Computer Science	BS (CS)
Development Studies	BS (DS)
Earth Sciences	BS (ERS)
Economics	BS (ECO)
Electrical (Electronics) Engineering	BS (EEE)
Electrical (Power) Engineering	BS (EPE)
Environmental Sciences	BS (ES)
Software Engineering	BS (SE)
Telecommunication & Networking	BS (TN)

Bachelor of:

Business Studies	BBS

Master of:

Business Administration (2 Years)	MBA (Executive)
Development Studies	MDS

Doctor of:

Pharmacy	Pharm-D

COMSATS Community Development Unit (CCDU)

COMSATS Community Development Unit (CCDU) is an integral part of Abbottabad Campus. It is engaged in the provision of quality consultancy services to different organizations in the specialized fields of management, organizational development, finance, re-structuring, Information Technology, software-development, assistance in the planning and implementation, monitoring and evaluation of organizational activities, and, importantly, in-house capacity building through the provision of specifically tailored training workshops.

COMSATS Technology Center (CITC)

CITC is a well-sized technology concern having a large number of skilled professionals. CITC has a successful history of projects and a long list of satisfied clients. CITC promotes, develops, delivers and facilitates the use of Information Technology services and resources, including application and web development, data warehousing, network design and configuration, inter access, corporate training, multimedia solutions, and testing services.

Extra-Curricular Activities

Extra-Curricular Activities are a vital part of any educational process. Sports, drama, creative writing, etc., all help individuals to develop balanced personalities by taking healthy breaks from academic rigors. Teamwork and competition also help in building character. Students' week is held during each semester at the campus which is dedicated to sports competitions among different classes and departmental teams. As a tradition, faculty and the student body enthusiastically participates in this weeklong event.

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Clubs and Societies

Clubs and societies are very important for creative activities on campus. A large number of clubs and societies are active at the Abbottabad Campus. These societies are involved in literary, dramatic, scientific, software and photographic activities. The societies regularly organize poetry reading competitions, debates, quiz shows, concerts, Naat and Qirat competition, photographic competitions and scientific gatherings. Presently, Software Development Society, IT Society, Dramatics Society named as 'Funkada', COMSATS Literary Society, Bazm-e-Adab, Art and Painting Society, Photography Society, Qirat and Naat Society, Eco-Adventure Club, Cricket Club, Football Club, Athletics Club, Badminton Club, Table Tennis Club, Girls Sports Club, Volleyball Club, Green Thumb Society, Entrepreneurial Society are quite popular among students.

Celebrating Success

Since its inception, CIIT Abbottabad has produced 9,848 graduates. So far, 23 convocations have been organized.

Abbottabad Convocations
Number of Graduates

Year	Number of Graduates
2004	134
2006	202
2007	677
2010	1,662
2011	830
2012	1,198
2013	1,172
2014	1,058
2015	1,064
2016	1,286
2017	565
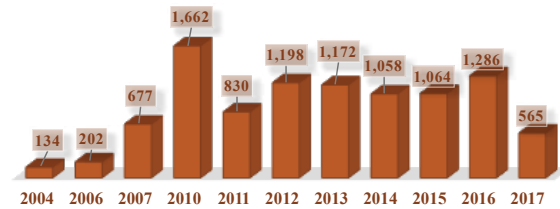
Wah Campus

The opening of COMSATS Institute of Information Technology (CIIT) in the historical and industrial town of Wah was a joint effort of CIIT and Pakistan Ordnance Factories (POFs) Wah Cantt. CIIT started its campus at Wah in a record period of 70 days. The then Minister for Science and Technology/Chancellor CIIT formally inaugurated the Institute on September 14, 2001. Initially CIIT Wah started its operation in small guest house of POFs. In 2003, two purpose built academic blocks were handed over to CIIT on long term lease period by POFs. CIIT Wah extended its academic facilities by purchasing land contiguous to existing campus in 2012 measuring 96 Kanals. The campus has also acquired 20 Acres of land near Brahma Bahtar Interchange on Motorway (M-1) to meet its future academic requirements. The campus is ideally suited for students who wish to seek education in a conducive environment.

The Campus is situated at G.T. Road, Wah Cantt. Due to its location, it is easily accessible to the students coming from Wah, Taxila, Rawalpindi, Hassanabdal, Haripur and other surrounding areas. Wah Cantt is considered as the hub of industrial activity in the region. It is a place having high potential for the utilization of Technology and its incorporation in the industry. POF itself is a market with very high potential. CIIT being a world class institute in the region has paved the way for knowledge and learning, thus proving its worth and adding value to the region and to the country as a whole.

The campus is the first of its kind in Wah Cantt since the time of its establishment. It has a modern infrastructure and highly professional faculty members. CIIT Wah is fully equipped to handle the dynamics of the fast paced IT and engineering industry and to meet the challenges of the future. Here the dedicated Faculty ensures students to succeed and encourages them to benefit from the innovative education.

The Campus is housed in spacious buildings and provides state-of-the-art facilities for the acquisition of knowledge and skills in the field of Engineering, Information technology, Maths and Business Administration.

Academic Programs

The following undergraduate programs are being offered at Wah Campus:

Bachelor of Science in:

Accounting and Finance	BS (A&F)
Business Administration	BS (BA)
Civil Engineering	BS (CEE)
Computer Science	BS (CS)
Electrical Engineering	BS (EE)
Software Engineering	BS (SE)

Bachelor of:

Business Studies	BBS

Master of:

Business Administration (2 Years)	MBA (Executive)
Computer Science	MCS
Public Administration	MPA

Extra-Curricular Activities

CIIT Wah provides an excellent academic atmosphere to its students together with a lot of opportunities for extra-curricular activities. The faculty

puts in maximum efforts to groom and nourish young scholars placed under their care. We at Wah try our best to contribute significantly to build healthy minds in healthy bodies. Many events are organized to involve young minds ensuring full participation in character building activities and personality development. In order to broaden the vision of students, the institute arranges the industrial trips for students.

Student Week

Considering the importance of sports in an academic institution, there are a number of activities are organized at Wah. Every semester, a Student Week is organized where competitions in volleyball, football, basketball, badminton, table tennis, cricket, squash, athletics, Naat, Qirat, and Urdu/English Debates including Culture Day are arranged. The Institute also actively participate at national level mega events and has earned many laurels.

Adventure Club

Adventure club has been established at CIIT Wah that arranges a variety of outdoor activities. Different clubs have been created under adventure club such as hiking, trekking, photography, shooting, camping and rowing, etc.

Visio Spark

The Computer Science Department of this institute conducts its annual national level mega event titled "VisioSpark". The students from various national educational universities/institutions participate. The aim of conduct of event is to provide opportunity to students to upgrade, polish, discuss and enhance their intellectual and research skills. VisioSpark also provides a platform to students where they share their research skills, ideas and views. CIIT Wah Campus is a centre of excellence in computing where rigorous software development activities are part of daily routine. This mega event is a step towards enforcing the commitment of CIIT Wah Campus for the development of information Technology and other
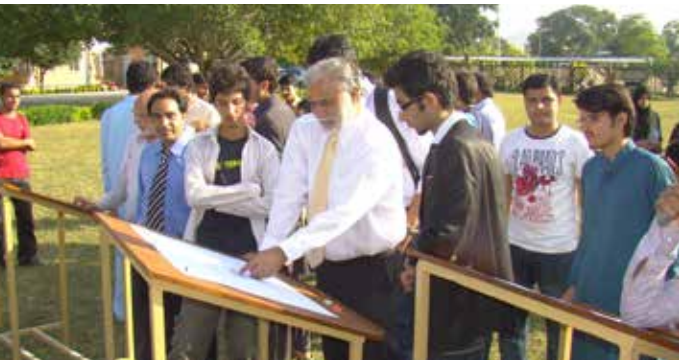
Computer Science related fields in Pakistan.

Celebrating Success

Since its inception, CIIT Wah Campus has produced 4,724 graduates. So far, 21 convocations have been organized.

Wah Convocations
Number of Graduates

2004	2006	2007	2010	2011	2012	2013	2014	2015	2016	2017
114	392	262	904	415	433	379	372	1,253	644	324
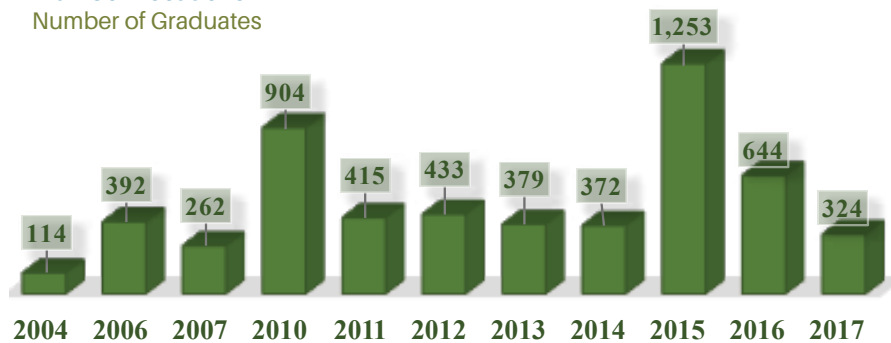
Lahore Campus

The Lahore Campus is located on Defence Road, Off Raiwind Road and is 30minutes' drive from the main city. This campus was established in January 2002. The sprawling campus is purpose built and is spread over an area of 185 acres.

The campus is equipped with state-of-the-art computers and electronic laboratories. During a short span of time, the continuous efforts of the dedicated faculty and staff have made CIIT Lahore synonymous with academic excellence, which forms strong foundations for a bright career for its alumni. Here the young minds can really create a bright future for themselves.

The environment at the campus is vibrant, creative and challenging, for both teachers and students. The campus intends to excel in its research capability, which will open new frontiers of knowledge in Information Technology. In a city of learning as Lahore, the campus caters for the ever-increasing demands of students in the fields of Computer Science, Telecommunication Engineering, Computer Engineering, Chemical Engineering, Management Sciences, Physics, Architecture and Bio-Medical Material Sciences. Currently, 5,594 students are enrolled in different degree programs.

The campus consists of one administration block, five academic blocks, five workshops, a big mosque, hostels for boys and girls and a number of residential units for the employees. The location of the campus is strategically chosen to provide the students with an ideal environment, which is not only conducive for their educational pursuits but would also ensure that the students are well abreast of the latest developments in the IT sector.

Academic Programs

The following undergraduate programs are being offered at Lahore Campus:

Bachelor of Science in:

Accounting and Finance	BS (A&F)
Business Administration	BS (BA)
Chemical Engineering	BS (ChE)
Computer Engineering	BS (CE)
Computer Science	BS (CS)
Economics	BS (Eco)
Electrical Engineering	BS (EE)
Mathematics	BS (Math)
Psychology	BS (BPY)
Physics	BS (Phy)
Software Engineering	BS (SE)

Bachelor of:

Architecture	B. Arch
Business Studies	BBS
Design	B. Des
Fine Arts	BFA

Master of:

Business Administration (2 Years)	MBA (Executive)

Students Services Center (SSC) at CIIT Lahore

Students Services Center has been established at CIIT Lahore Campus to provide students with a range of services designed to help and assist in adjusting with university life and to achieve potential in terms of their personal, educational, social and professional goals. Highly skilled staff is specialized in providing students with comprehensive solutions to their everyday problems, including their adjustment to university environment, handling of academic as well as peer pressure etc. SSC achieves these goals through implementation of many programs, both within and outside the campus. SSC arranges many co-curricular and extra-curricular activities in order to bring the best out of students and prepare them for the rigors of competition and fair play.

Extra-Curricular Activities

CIIT Lahore Debating Society

CIIT Lahore Debating Society is a student run society that aims to promote communication, analytical and team working skills important for the future career growth of the students. It aims to include members from all disciplines and to create a more diverse population of students participating in the rational exchange of ideas, representing CIIT Lahore at various inter-university debating formats.

Attrayant Community

The aim of the society is to organize all sorts of social services and co-curricular activities. Among the social services Attrayant Community facilitates charity collection, fund collection and helping the students. With its motive of "Together We Can" Attrayant society believes in helping and promoting new talent. Co-curricular activities encompass different sports and quiz competitions, debates and seminars.

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Islamic Cultural Society

The purpose of the society is to promote our religious culture through Islamic events such as naat and quirat competitions, Islamic seminars, millad etc. The society looks forward to enlighten the young minds and souls of the students.

CIIT Lahore Music Society

CIIT Lahore Music Society is a platform providing an opportunity to the rising talents in the field of music. Every semester the society organizes talent hunts to explore the upcoming vocalists, musicians, bands, and performers.

CIIT Lahore IT Society

The idea behind CIIT Lahore IT Society is to teach and bring awareness among students about the latest technologies, to improve their IT knowledge polishing their skills and conducting workshops, seminars and competitions inviting IT professionals.

Sports Society

The Sports Society organizes competitions in cricket, football, table tennis, badminton, basketball, chess and athletics. The Society facilitates both male and female students' participation in the sports events.

COMSMAG

An annual magazine reflecting the whole academic year activities in a nutshell is a newest addition. The pages of the magazine depict the essence of artistic and academic abilities harboured by the students of Lahore. Newsletter is a semester wise output that focuses on day-to-day milestones reached during each semester. It also highlights various events related to academic and extra-curricular activities.

Seminars

One of the key features of education at CIIT is a visionary approach of constantly providing practical exposure to the students regarding the course contents. To achieve this objective, guest speakers from corporate and industrial sectors are regularly invited to the campus in order to share their practical wisdom and experiences with the students.

Celebrating Success

Since its inception, CIIT Lahore has produced 9,785 graduates. So far, 20 convocations have been organized.

Lahore Convocations
Number of Graduates

2004	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
112	286	861	455	277	1,121	966	1,365	1,031		1,625	1,118	187

Attock Campus

April 04, 2004 was a historic day for the residents of Attock city when a new Campus of the CIIT was launched, to make it possible for the students of area to take advantage of the opportunities of state-of-the-art education at their doorstep. The event was important for both CIIT and Attock city because the dream of an IT institute was a distant dream come true. CIIT's presence in Attock has ensured the availability of professional academic skills not only to the locals of Punjab but also the adjoining areas of Khyber Pakhtunkhawa. It throws open an opportunity to the city of Attock becoming a hub of burgeoning jobs and business ventures entirely on its own strength in the near future.

The Attock Campus has gained a commendable reputation in a short time. Attock's good teaching reputation ensures that brilliant academicians feel honoured to work here. This subsequently enables our academic departments to offer innovative and exciting teaching environment, led by experts at the cutting edge of their varied specializations. Currently, more than 2,560 students are enrolled in different degree programs.

Academic Programs

The following undergraduate programs are being offered at Attock Campus:

Bachelor of Science in:

Business Administration	BS (BA)
Computer Engineering	BS (CE)
Computer Science	BS (CS)
Electrical Engineering	BS (EE)
Software Engineering	BS (SE)

Bachelor of:

Business Studies	BBS

Master of:

Business Administration (2 Years)	MBA (Executive)
Computer Science	MCS
Mathematics	M.Sc (Math)
Public Administration	MPA

Extra-Curricular Activities

Outdoor Sports Facilities

Attock Campus has Cricket Ground of international standard and has an honour to organize 1st Inter-campuses T-20 Cricket Tournament in March 2012. In 2013 Attock Campus extended its outdoor sports facilities by establishing foot ground, multipurpose court for Volley Ball and Tennis.

Indoor Sports Facilities

An indoor gym has been established for the faculty and students of CIIT Attock Campus which is equipped with state of the art exercise machines. There is also facility of playing table tennis indoor.

Funfairs

Funfairs at the campus are organized annually. Students as well as outside vendors set up stalls to display food items, handicrafts, etc., Sports activities and drama club events are also an integral part of these funfairs.

Celebrating Success

Since its inception, CIIT Attock has produced 1,600 graduates. So far, 17 convocations have been organized.

Attock Convocations
Number of Graduates

2006	2007	2010	2011	2012	2013	2014	2015	2016	2017
47	65	227	93	69	88	167	316	356	172

Sahiwal Campus

CIIT Campus situated at Sahiwal, a city with a population of about two million, located on the LMQ road, half-way between Lahore and Multan, was formally inaugurated in September 2007. Sahiwal and its surroundings are known for wheat, cotton, sugarcane, maize and rice crops. Main fruits are citrus. Sahiwal is a green and fertile town and agriculture is important to the local economy. The establishment of CIIT Campus at Sahiwal besides providing higher education facilities in the highly demanded market oriented disciplines also provides state-of-the-art facility for research and development activities. Sahiwal campus intends to augment the academic and socio-economic role in imparting quality education with the help of cutting-edge technology and contemporary managerial practices.

CIIT at Sahiwal has surfaced as the most vibrant educational institution. It started with the enrolment of 100 students with quite an attractive 30 percent ratio of female students. Currently, the campus has a total enrolment of 2,938 students.

Academic Programs

The following undergraduate programs are being offered at Sahiwal Campus:

Bachelor of Science in:

Accounting and Finance	BS (A&F)
Bioinformatics	BS (BI)
Business Administration	BS (BA)
Computer Science	BS (CS)
Civil Engineering	BS (CEE)
Mechanical Engineering	BS (ME)
Software Engineering	BS (SE)
Telecommunication & Networking	BS (TN)
Electrical Engineering	BS (EE)

Bachelor of:

Business Studies	BBS

Master of:

Business Administration (2 Years)	MBA (Exe)
Computer Science	MCS
Mathematics	M.Sc (Math)

Considering the need of educated professionals in the much-neglected fields of agriculture and entrepreneurship, Sahiwal Campus is also considering to introduce specialization in agri-business and entrepreneurial management for its business administration students.

Extra-curricular Activities

CIIT Sahiwal provides numerous opportunities to its students for grooming them mentally and physically. These facilities include formation of clubs/societies which organize a wide range of different extra-curricular activities like adventure club, sports club, magazine committee, debating society, and many more.

Alumni Association

The main objectives of the organization, is to provide a platform for the Alumni to communicate with the institution by maintaining a complete database furthermore, successfully passed out alumni are get registered online so that alumni will be able to interact with the association.

Job portal has also been established for the alumni, job opportunities are posted for alumni to apply and to get better career etc.

Career Development Cell

CIIT Sahiwal has a Career Development Cell established since September, 2007. This cell fosters liaison between academia and industry. Career development cell facilitates the students in internship and job placement. This cell also works for the training and personality development and is proactively engaged in arranging different seminars, workshops and fairs for the students in collaboration with public and private sector organizations.CDC continuously strives to help students in pursuing their

career goals by acquiring employment-seeking skills and ultimately to attain desired employment. This is accomplished through building a strong partnership amongst students, faculty members and industries.

CISCO Laboratories

COMSATS Cisco Academy Sahiwal is the first Cisco academy in Sahiwal region. Academy has started its first CCNA program in June 2012. This is a great opportunity for students of not only COMSATS but many other institutions of Sahiwal and surrounding areas.

COMSATS Cisco Academy is delivering the range of services and support needed to grow tomorrow's global workforce. Our main aim is to equip our students with both network theories and practical in such a way that after completion of course our students can accelerate their career.

The laboratory is equipped with state of art equipment (CISCO 2800 series routers and switches), high speed computers, high speed Wi-Fi internet facility and online access of CISCO Network Academy curriculum.

Celebrating Success

Since its inception, CIIT Sahiwal has produced 2,331 graduates and so far 13 convocations have been organized.

Sahiwal Convocations
Number of Graduates
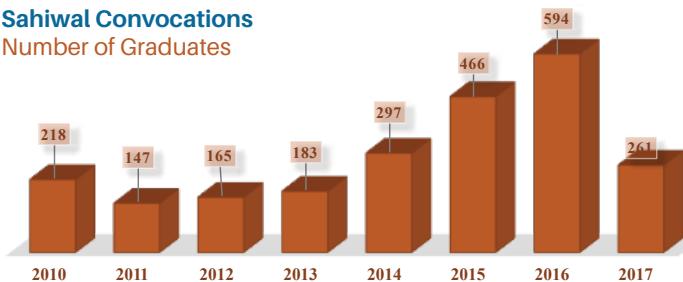
Vehari Campus

Established in 2008, Vehari campus is one of the fast growing campuses of the COMSATS Institute of Information Technology. Vehari campus started with 45 students enrolled in one programme and now it has more than 2,480 students, 185 faculty members, 12 programs and three functional academic blocks. Stretched over an area of 52 acres, the campus is an excellent avenue to provide quality education to the students. CIIT Vehari is constantly making efforts to provide students the quality education and personality development to transform its students into capable professionals, sensible intellectual and responsible citizens. CIIT Vehari aims to instil a research culture for economic human Resource Development in this region driven by market forces, technological revolution and globalization.

Academic Programs

The following undergraduate programs are being offered at Vehari Campus:

Bachelor of Science in:

Accounting and Finance	BS (A&F)
Business Administration	BS (BA)
Computer Science	BS (CS)
Software Engineering	BS (SE)
Telecommunication & Networking	BS (TN)
Environmental Sciences	BS (ES)

Bachelor of:

Business Studies	BBS

Master of:

Computer Science	MCS
Business Administration (2 Years)	MBA (Executive)
Economics	MSc (Economics)
English	MA (English)

Extra-Curricular Activities

Vehari Campus offers each student a future of significance, not only education of sheer prestige but also provides opportunities to its students for sprucing them mentally and physically. For this purpose, guilds are made for organizing different extra-curricular activities, like sports club, adventure club, spring gala, the debating society and magazine committee. Thus, student's time at CIIT can never be dull. On the contrary, it is difficult to choose which activity to join. Whatever their level of expertise, they can become involved in any club or society that interests them. In addition, industrial tours are arranged for the students so they may learn how commercial and industrial undertaking works. To build Student Leadership spirit, Campus organised various co-curricular activities including dramas, exhibitions, expos, competitions, debates.

Career Development Cell

All employers induct people who are well-qualified, passionate and interested to work in a challenging environment, who want to achieve targets and take full responsibility. This applies across the board, from large multinational corporations to small NGOs. Studying at Vehari Campus will equip students to demonstrate passion, interest, achievement and responsibility. The specific subject they study should be one they are passionate about and want to enhance that passion in their practical lives. Vehari Campus established a Job Development Cell (JDC) to assist students for internship and jobs in leading public and private organizations in the country.

Proctorial board is a regulatory body holding responsibility of maintaining discipline among the students and taking necessary corrective measures wherever needed.

Celebrating Success

Since its inception, CIIT Vehari has produced 1,140 graduates and so far 10 convocations have been organized.

Vehari Convocations
Number of Graduates

2012	2013	2014	2015	2016	2017
75	61	77	183	416	328
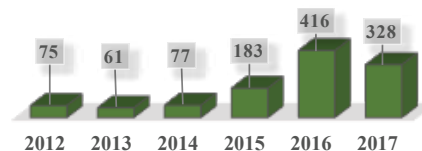
Virtual Campus

History

The coverage of higher education in Pakistan is extremely low as compared to other countries. Consequently, a huge gap exists between the number of students who have passed higher secondary school and the number of students who are enrolled in universities. Furthermore, studies carried out by Higher Education Commission of Pakistan suggest that a huge number of candidates are registered with universities as private candidates. Due to lack of governing mechanism in learning process, it has generally been observed that the knowledge and quality of skills of these students are not as good as those of regular university students. The globally practiced and best possible way to improve the quality and coverage of higher education in any country is to provide better learning facilities

through distance education.

To increase the access and availability of top quality benchmark education and teaching experience in country, CIIT has taken a step forward by establishing its Virtual Campus. CIIT Virtual Campus aims to enhance the coverage of quality higher education in the country by providing opportunities to those who cannot attend universities because of inflexible timings, cost, or cultural barriers. The Virtual Campus is delivering online courses to distance learning students.

The CIIT Virtual Campus (VC) runs web-based students' Learning Management System (LMS), accessible anywhere anytime, to deal with administrative and academic tasks of campus. LMS supports a live collaborative platform which adds value to remote learning through interactive virtual class rooms and meeting sessions. Therefore, CIIT is going a step ahead from conventional asynchronous distance learning modes, currently employed at the universities of Pakistan. CIIT is producing quality courseware using blended learning approach by combining teachers with their workspace (desktop/interactive board/presentation). Best of CIIT's senior (mostly PhD) faculty is designated to develop high-definition video contents in our purpose-built studios.

CIIT's Virtual Campus establishment is endorsed by HEC and as a proof of its active role in establishment of Information and Communications Technology facilities for e-learning; CIIT Virtual Campus is given a task to setup Learning Management System (LMS) portals of Dynamic Data Exchange project partner universities.

CIIT has always been very proactive in adapting new technologies and use of IT tools in its teaching and administrative affairs. CIIT Virtual Campus was established in July 2008 and started its regular function in January 2012. The Campus was established in offices, laboratories and studios located in Islamabad having approximately 20,000

sq. ft. covered area. State-of-the-art servers, dedicated PERN bandwidth as well as latest audio visual equipment was acquired to setup laboratories, studios and data center.

Virtual campus started its first academic session in Fall 2012 offering four undergraduate level degree programs in computer science and management science subjects.

Delivery Mechanism

CIIT Virtual Campus's mission is to be the institution of choice for distant and online education for all, and intends to get there by providing exceptional services to the learners through modern teaching techniques. Courseware based on scheme of studies of CIIT approved programs is developed by subject specialists in digital format. The digital learning contents are then presented to students via an online web based learning management system moderatedby dedicated subject tutors working full time at CIIT virtual campus. Students enrolling in CIIT VC are facilitated with study centers situated nationwide. These study centers have computer laboratories equipped with the facilities of video conferencing, broadband internet and printing etc. Proctored mid-terms and terminal examinations are conducted at selected locations using the well-established National Testing Service (NTS) infrastructure.

Lectures

CIIT VC offers online courses via asynchronous learning sessions in which students access and study by reading, watching or listening to material supplied, at their convenience, at home or wherever they choose. Classes are recorded for later replay. Students communicate with the instructor and classmates via email and discussion boards.

Experienced and well qualified faculty from CIIT is selected through academic selection committees for development of coursework. Faculty is required to record lectures, develop Laboratory sessions, and

assessment material for each course. These developed learning contents are made available to students through LMS at the start of each semester.

In CIIT Virtual Campus students will login to LMS to view or download the digitally recorded lectures. Same will also be available at the official channel of Virtual Campus at YouTube. The complete courseware collection is made available to public via our dedicated library servers,

CIIT VC dedicated Online Library URL:http://lib.vcomsats.edu.pk

Another facility is the provision or digitally recorded lectures in the form of DVDs and USB drive which is mailed to the students at the start of semester. These video lectures provide the next best thing from actually being present in the lecture. The video screen consists of the topic, lecture contents, and lecture slides. Students will also have access to an online forum, where their queries will be answered by teaching staff at VC.

In addition to asynchronous mode of learning and content delivery, students will also have minimum of 5 scheduled synchronized virtual meeting sessions with course tutor via video conferencing system. Students can take part in this activity from home or can use study centers for this purpose. This activity at times is coupled with sessional exams and quizzes. This will improve the quality of learning and assessment through synchronous element of student teacher interaction.

Learning Management System

Online courses are based around the Learning Management System (LMS), which is the software system for e-learning. VC LMS provides the student course website where student can view information like course overview, FAQs, glossary, web links, related downloads, scheme of study, video lectures, schedule live sessions and course contents. Students take their quizzes, submit assignments and can participate in discussion boards with tutor or students through LMS.

LMS has the following strengths

◆ Easy access 24 hours a day, 7 days a week, 365 days a year.

◆ Study at a time and place that is convenient to you.

◆ Expertise of renowned faculty, accessible nationwide.

◆ Course lectures in high definition audio & video.

◆ Top quality courseware by subject specialists using blended learning approach.

◆ Collaborative platform for peer and tutor moderated learning activity.

◆ Student profiling, feedback and access to quick and reliable reporting.

Dedicated Teaching Staff

CIIT VC facilitates its students by assigning each course offered in every program to a subject tutor who is responsible to answer all academic queries of students. These tutors work in close coordination with content developer subject specialist. Tutors are responsible for managing online Laboratory sessions; monitor the progress of students, initiating moderated subject discussions as well as marking of quizzes, assignment and terminal exams.

Study Centers

Study Center means a center maintained or recognized by the CIIT VC for the purpose of advising, counseling or for rendering any other assistance required by the students in context of distance education. In the Online Distance Learning System, Study Centers play an important role since they act as focal contact points for distance learners.

CIIT Virtual Campus Study Center is envisioned to be a state of the art learning facility with an established ICT infrastructure and strong support system. A study center will facilitate CIIT's academic and administrative outreach and represent Virtual Campus in the targeted area. At present, approximately 150 CIIT VC affiliated study centers are working in every major district in all provinces of Pakistan. We also have established our presence in Gulf and Afghanistan to support students living overseas. Details of centers are available on http://www.vcomsats.edu.pk/studycenters

Support Services

COMSATS Virtual Campus realizes the importance of effective student support services for maintaining quality in learning processes. Such services not only improve level of student satisfaction but also enable management to have prompt access to operational information.

To provide telephonic real time support a dedicated Call Center facility is also available to students and applicants at CIIT Virtual Campus. The Student Call Centre helps students on queries such as admission process, academic matters, LMS and Fee related issues. CIIT Virtual Campus has also established Regional Support Centres Offices at provincial level and is working towards extending its presence in all major districts.

Student Call Center: +92 (51) 8354444

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Faculty of Information Sciences & Technology

The Faculty of Information Sciences and Technology is comprised of Department of Computer Science and Health Informatics Unit.

Department of Computer Science

Department of Computer Science at CIIT was established in 1999 at Islamabad Campus and is now proud of its excellent facilities and internationally qualified faculty members along with its presence at all Campuses of CIIT. It is imparting competitive skills in effective development and application of modern technology to groom its students as excellent programmers, outstanding researchers, extraordinary analysts and innovative designers. It is committed to equip and impart our students with advanced competencies required for managing the growing needs of science and technology, especially computer science, in almost every professional field today.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Computer Science:

Bachelor of Science in Computer Science: BS (CS)

Entry Requirements

- Intermediate or equivalent (Mathematics) with minimum 50% marks, from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 semesters; 6 years

Credit Hours Requirements

- Minimum 134 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, Vehari

Program Information

Bachelor of Science in Computer Science program at CIIT focuses on instilling comprehensive computer science knowledge among students and exposing them to issues involved in the development of scientific, educational and commercial applications of computer science. The program lays emphasis on an integrated approach to meet the hardware and software needs of the industry. The purpose of this program is to produce graduates with a sound

knowledge of computer science, contemporary technologies, and professional skills.

Bachelor of Science in Telecommunication and Networking: BS (TN)

Entry Requirements

♦ Intermediate or equivalent with minimum 50% marks, from an accredited institution

♦ Valid NTS test score as per CIIT policy

Duration

♦ Minimum: 8 semesters; 4 years

♦ Maximum: 12 semesters; 6 years

Credit Hours Requirements

♦ Minimum 134 Cr. Hrs.

Offering Semesters

♦ Fall and Spring

Offering Campuses

♦ Abbottabad, Sahiwal, Vehari

Program Information

Bachelor of Science in Telecommunication and Networking program is aimed at catering the human resource needs in the fast growing industry of telecommunications and networking. This program focuses on the application of technology solutions to business problems in telecom service sector and it requires additional domain knowledge in communication and networks, along with a strong mathematical background.

Bachelor of Science in Software Engineering: BS (SE)

Entry Requirements

♦ Intermediate or equivalent (Mathematics) with minimum 50% marks, from an accredited institution

♦ Valid NTS test score as per CIIT policy

Duration

♦ Minimum: 8 Semesters; 4 years

♦ Maximum: 12 Semester; 6 years

Credit Hours Requirements

♦ Minimum 133 Cr. Hrs

Offering Semesters

♦ Fall and Spring

Offering Campuses

♦ Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, Vehari

Program Information

Bachelor of Science in Software Engineering program at CIIT bridges gap between computer science theory and its practical applications using different technologies and tools. Software Engineering discipline focuses on imparting the practical knowledge and technical training which should enable students to harmonize theory with practice, concepts with applications, and problems with solutions.

This program is preparing professionals having an expertise in software development principles, theory,

practice, and process to develop high quality software applications and is producing future agents of change, individuals who will be leading and improving the software industry and practices in the coming years. The graduates of this Program will have strong base in communication, mathematics, sciences, cultural, ethical, and social issues that influence the development of high quality software systems.

Master of Computer Science: MCS

Entry Requirements

◆ Bachelor Degree (14-Years) or equivalent with minimum 50% marks, from an accredited institution

◆ Valid NTS test score as per CIIT policy

Duration

◆ Minimum: 4 Semesters; 2 years

◆ Maximum: 6 Semesters; 3 years

Credit Hours Requirements

◆ Minimum 73 Cr. Hrs

Offering Semesters

◆ Fall and Spring

Offering Campuses

◆ Wah, Attock, Sahiwal, Vehari

Program Information

Master of Computer Science program at CIIT has been designed for those students who wish to improve their knowledge of recent developments in Information Technology and to deepen their understanding in computer science. The qualified faculty and excellent facilities at CIIT ensure that students have a solid technical grasp of the subject that enables them to apply this knowledge in practical work settings. The graduates of this program are in great demand in all areas related to Information Technology in national and international markets, leading institutions and organizations in industry, academia and research based organizations.

Faculty Members at Department of Computer Science

Islamabad Campus

Professors

- Dr. Sajjad Mohsin, PhD, Muroran Institute of Technology, Japan
- Dr. Sohail Asghar, PhD, Monash University, Australia

Associate Professors

- Dr. Khalid Latif, PhD, Vienna University of Technology, Austria
- Dr. Nadeem Javaid, PhD, Ecole National Superieur Des Telecommunication, France
- Dr. M. Manzoor Illahi Tamimy, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Muhammad Masoom Alam, PhD, University of Innsbruck, Austria
- Dr. Majid Iqbal Khan, PhD, Technical University, Vienna, Austria

Assistant Professors

- Dr. Farhana Jabeen, PhD, Manchester University, UK
- Dr. Ghufran Ahmed, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Abid Khan, PhD, Harbin Institute of Technology, China
- Dr. Amir Hanif Dar, PhD, Beijing Institute of Technology, China
- Dr. Tehseen Zia, PhD, Vienna University of Technology, Austria
- Dr. Muhammad Asim Noor, PhD, Johannes Kepler University Linz, Austria
- Dr. Malik Ahmed Kamran, PhD, Vienna University of Technology, Austria

- Dr. Saif-ur-Rehman Malik, PhD, North Dakota State University, USA
- Dr. Munam Ali Shah, PhD, University of Bedfordshire, UK
- Dr. Naveed Ahmed, PhD, Cambridge University, UK
- Dr. Mubeen Ghafoor, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Muhammad Imran, PhD, Southampton University, UK
- Dr. Saira Andleeb Gillani, PhD, Corvinus University of Budapest, Hungary
- Dr. Iftikhar Azim Niaz, PhD, University of Tsukuba, Japan
- Dr. Yasir Faheem, PhD, University of Paris, France
- Dr. Adeel Anjum, PhD, Université de Nantes, France
- Dr. Asad Ali Safi, PhD, Technical University Munich, Germany
- Dr. Javed Iqbal , PhD, University of Malaya, Malaysia
- Dr. Muzaffar Khan, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Azra Shamim, PhD, University of Malaya, Malaysia
- Dr. Aimal Tariq Rextin, PhD, University of Limerick, Ireland
- Dr. Hasan Ali Khattak, PhD, Politecnico Di Bari, Italy
- Dr. Abdul Wahid, PhD, Kyungpook National University, Korea
- Dr. Zia uddin, PhD, Asian Institution of Technology, Pathum Thani, Thailand
- Dr. Ahmad Raza Shahid, PhD, University of York, UK

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- Dr. Mansoor Ahmed Awan, PhD, Technical University, Vianna, Austria
- Dr. Adnan Qureshi, PhD, University of Malaya, Malaysia
- Dr. Basit Raza, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Zara Hamid, PhD, NUST, Islamabad, Pakistan

Beside 02 advisors, 15 non-PhD Assistant Professors, 50 Lecturers and 17 Research Associates/Teaching Associates are also associated with the department.

Lahore Campus

Professors

- Dr. Syed Asad Hussain, PhD, Queen's University Belfast, UK
- Dr. Zulfiqar Habib, PhD, Kagoshima University, Japan

Associate Professors

- Dr. Ghulam Rasool, PhD, Technische Universität Ilmenau, Germany
- Dr. Muhammad Waqas Anwar, PhD, Harbin Institute of Technology, China
- Dr. Farooq Ahmad, PhD, Harbin Institute of Technology, China

Assistant Professors

- Dr. Rao M. Adeel Nawab, PhD, University of Sheffield, UK
- Dr. Wajahat Mahmood Qazi, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Usama Ejaz Bajwa, PhD, University of Engineering and Technology, Taxila, Pakistan
- Dr. Muhammad Nabeel Talib, PhD, Huazhong Agriculture University, China
- Dr. Ashfaq Ahmad, PhD, University of Chinese Academy of Sciences, China

- Dr. Hamid Turab Mirza, PhD, Zhejiang University, China
- Dr. Umera Imtinan, PhD, Curtin University of Technology, Australia
- Dr. Muhammad Salman Khan, PhD, Graz University of Technology, Austria
- Dr. Muhammad Hasan Jamal, PhD, Purdue University, Indiana, USA
- Dr. Zeshan Gillani, PhD, King College of London, UK
- Dr. Atifa Athar, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Qurrat-ul-Ain Malik, PhD, Metropolitan University, UK
- Dr. Amjad Ali, PhD, Kyung Hee University, South Korea
- Dr. Saqib Rasool Chaudhry, PhD, Brunel University London, UK
- Dr. Ghulam Mahdi, PhD, Université Montpellier 2, France
- Dr. Munwar Ali, PhD, University Technology Petronas, Malaysia
- Dr. Furkh Zeshan, PhD, University Technology Malaysia, Malaysia
- Dr. Abid Sohail, PhD, University Technology Petronas, Malaysia
- Dr. Shahbaz Akhtar Abid, PhD, University of Malaya, Malaysia
- Dr. Adnan Ahmad, PhD, Massey University, New Zealand
- Dr. Muhammad Hasnain Ch., PhD, Asian Institution of Technology, Pathum Thani, Thailand
- Dr. Sajid Ibrahim Hashmi, PhD, University of Limerick, Ireland

Besides, 19 non-PhD Assistant Professors, 37

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Lecturers and 09 Research Associates are also associated with this department.

Abbottabad Campus

Associate Professors

- Dr. Khizar Hayat, PhD, Universite Montpellier II, France
- Dr. Imran Ali Khan, PhD, University of Chinese Academy of Sciences, China

Assistant Professors

- Dr. Shahzad Ali, PhD, University of Carlos III de Madrid, Spain, Spain
- Dr. Mudassar Aslam, PhD, Malardalens University, Sweden, Sweden
- Dr. Zia ur Rehman, PhD, Certtin University, Australia
- Dr. Iftikhar Ahmed Khan, PhD, Brunel, West London, UK
- Dr. Zobia Rehman, PhD, Lucian Blag University of Sibiu Romania, Romania
- Dr. Sajid Shah, PhD, Politecnico de Torino Italay, Italy
- Dr. Mazhar Ali, PhD, North Dakota State University, USA
- Dr. Danish Irfan, PhD, Harbin Institute of Technology, China
- Dr. Osman Khalid, PhD, North Dakota State University, USA
- Dr. Kashif Bilal, PhD, North Dakota State University, USA
- Dr. Abdul Nasir Khan, PhD, University of Malaya, Malaysia
- Dr. Babar Nazir, PhD, University Technology Petronas, Malaysia
- Dr. Fiaz Gul Khan, PhD, Politecnico Di Torino, Italy
- Dr. Rafi us Shan, PhD, University of Lancaster, UK

- Dr. Abbas Khalid, PhD, University of Lancaster, UK
- Dr. Eraj Khan, PhD, University of Lancaster, UK
- Dr. Atta ur Rehman Khan, PhD, University of Malaya, Malaysia
- Dr. Ahmad Din, PhD, Politecnico Di Torino, Italy
- Dr. Waqas Jadoon, PhD, Sichuan University, China
- Dr. Ahmad Khan, PhD, Foundation for Advancement of Science and Technology-National University of Computer and Emerging Sciences, Islamabad, Pakistan
- Dr. Shahid Raza, PhD, Malardalen University of Sweden, Sweden
- Dr. Attiqa Rehman, PhD, Fern University in Hagen, Germany, Germany
- Dr. Syed Sajid Hussain, PhD, Fern University in Hagen, Germany, Germany
- Dr. Muhammad Usman Shahid Khan, PhD, North Dakota State University, USA
- Dr. Safdar Zaman, International Islamic University, Islamabad, Pakistan

Besides, 12 non-PhD Assistant Professors, 34 lecturers and 04 Research Associates are also associated with this department.

Wah Campus

Associate Professors

- Dr. Ehsan Ullah Munir, PhD, Harbin Institute of Technology, China
- Dr. M. Wasif Nisar, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Sheraz Anjum, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Muhammad Sharif, PhD, CIIT Islamabad, Pakistan
- Dr. Nadir Shah, PhD, Beijing University, China

Assistant Professors

- Dr. Waqar Mehmood, PhD, Innsbruck University, Austria
- Dr. Tariq Umar, PhD, Lancaster University, UK
- Dr. Muhammad Kamran, PhD, Foundation for Advancement of Science and Technology -National University of Computer and Emerging Sciences, Islamabad, Pakistan
- Dr. Mussarat Abdullah, PhD, CIIT Islamabad, Pakistan
- Dr. Muhammad Khalil Afzal, PhD, Yeungnam University, South Korea
- Dr. Muhammad Maaz Rehan, PhD, University Technology Petronas, Malaysia
- Dr. Sulma Rashid, PhD, University Technology Malaysia, Malaysia
- Dr. Jamal Hussain Shah, PhD, University of Science and Technology of China, China
- Dr. Tassawar Iqbal, PhD, Vienna University Technology, Austria
- Dr. Faisal Azam, PhD, CIIT Islamabad, Pakistan
- Dr. Hikmat Ullah Khan, International Islamic University, Islamabad, Pakistan
- Dr. Muhammad Habib Ur Rehman, PhD, University of Malaya, Kula Lumpur, Malaysia

Besides, 05 non-PhD Assistant Professors, 27 Lecturers and 10 Research Associates are also associated with this department.

Attock Campus

Assistant Professors

- Dr. Farman Ali Khan, PhD, University of Vienna, Austria
- Dr. Khalid Iqbal, PhD, University of Science and Technology, Bannu, China
- Dr. Khalid Mehmood Awan, PhD, University

Technology Malaysia, Malaysia

- Dr. Muhammad Sardaraz, PhD, Iqra University, Islamabad, Pakistan
- Dr. Muhammad Tahir, PhD, Iqra University, Islamabad, Pakistan
- Dr. Peer Azmat Shah, PhD, University Technology Petronas, Malaysia
- Dr. Rashid Ahmed, PhD, Jeju National University, Korea
- Dr. Sadaf Yasmin, PhD, Capital University of Science and Technology, Pakistan
- Dr. Zahoor-ur-Rehman, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Salabat Khan, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Farhan Aadil, PhD, National University of Sciences and Technology, Islamabad, Pakistan

Besides, 05 non-PhD Assistant Professors and 25 Lecturers and 4 Research Associate are also associated with this department.

Sahiwal Campus

Professor

- Dr. Nazir Zafar, PhD, Kyushu University, Fukuoka, Japan

Associate Professor

- Dr. Javed Ferzund, PhD, Graz University of Technology, Graz, Austria

Assistant Professors

- Dr. Tariq Ali, PhD, University Technology Petronas, Malaysia
- Dr. Muhammad Shoaib, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Majd Hussain, PhD, University of Engineering and Technology, Lahore, Pakistan

- Dr. Muhammad Sultan Zia, PhD, Foundation for Advancement of Science and Technology - National University of Computer and Emerging Sciences, Islamabad, Pakistan

Besides, 03 non-PhD Assistant Professors, 35 Lecturers, 05 Research Associates, 02 Teaching Assistants are also associated with the department.

Vehari Campus

Assistant Professors

- Dr. Muhammad Rafiq, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan

- Dr. Aqeel-ur-Rehman, PhD, Chongqing University, China

- Dr. Malik Muhammad Ali Shahid, PhD, University Technology Malaysia, Malaysia

- Dr. Zahid Abbas, PhD, University Technology Malaysia, Malaysia

Besides, 07 non-PhD Assistant Professors, 32 Lecturers, 10 Research Associates are also associated with the department.

Research at Department of Computer Science

Islamabad Campus

Research Groups

#	Group Name	Group Leader
1	ComSens (Communication over Sensors)	Dr. Nadeem Javaid
2	Information Security (ISec)	Dr. Abid Khan
3	Network Research Group (NRG)	Dr. Majid Iqbal Khan
4	Mobile Application Development Group	Dr. Naveed Ahmad
5	Real-time and Embedded Systems	Dr. Mukhtar Azeem
6	Software Engineering (SE)	Dr. Muhammad Asim Noor
7	Computer Vision and Pattern Recognition (CVPR)	Dr. Sheikh Ziauddin
8	Performance Evaluation and Enhancement of Computing Systems(PEECS)	Dr. Munam Ali Shah
9	Complex Systems Modeling, Simulation and Engineering (COSMOSE) research group.	Dr. Muaz A. Niazi
10	Semantic Web group	Dr. Mansoor Ahmed
11	Data Mining and Business Intelligence	Dr. Khalid Latif
12	Applied Security Engineering Research Group	Dr. Masoom Alam
13	Collaborative Computing research group	Dr. Malik Ahmed Kamran
14	Human Computer Interaction	Dr. Aimal Tariq Rextin

Research Projects

#	Project Title	Funding Agency	Group Leader
1	PINET pilot project	NRPU	Dr. Khalid Latif

Abbottabad Campus

Research Groups

#	Group Name	Group Leader
1	Cloud and Grid Computing(CGC)	Dr. Babar Nazir
2	Communication Systems and Innovative Technologies	Dr. Rafi us Shan
3	COMSATS Network Research Group (CNRG)	Dr. Usman Khalid
4	Information Security and Image Processing (ISIP)	Dr. Waqas Jadoon
5	Intelligent Systems and Environments	Dr. Ahmed Din
6	Mining Language Processing and Pattern Analysis (MLPA)	Dr. Sajid Shah
7	Research in Information and Cyber Security	Dr. Mazhar Ali

Lahore Campus

Research Groups

#	Group Name	Group Leader
1	Software Engineering	Dr. Ghulam Rasool
2	Web Semantics and Services	Dr. Farukh Zeshan
3	Vision, Image, Graphics & Robotics	Prof. Dr.Zulfiqar Habib
4	Communication Networks	Prof. Dr. Syed Asad Hussain
5	Agent Systems and distributed Artificial Intelligence	Dr. Adnan Ahmad
6	Natural Language Processing and Technology	Dr.RaoAdeelNawab
7	Database and operational intelligence	Dr. Hamid Turab
8	Intelligent Machines & Robotics	Dr.WajahatQazi

Research Project

#	Project Title	Funding Agency	Group Leader
1	Cloud Computing Infrastructure For Clinical Decision Support System	DOST (Directorate of Science and Technology KPK)	Dr. Babar Nazir
2	Dynamic Connectivity Restoration Protocol For Wireless Sensor And Actuator Networks	Pakistan Higher Education Commission (HEC)	Dr. Babar Nazir
3	Recognition And Verification System For Paper Currency	CIIT Research Grant	Mr. Allah BuxSargano
4	Energy efficient fair path planning for non-holonomic mobile robots	HEC	Prof. Dr. Zulfiqar Habib

Sahiwal Campus

Research Groups

#	Group Name	Group Leader
1	Formal Methods and Software Engineering	Prof. Dr. Nazir Ahmad Zafar
2	Big Data Analytics (BDA)	Dr. Javed Ferzund
3	Mobile and Pervasive Computing	Dr. Majid Hussain
4	Networks and Communications (NetComm)	Dr Tariq Ali
5	Computer Vision and Image Processing (CVIP)	Dr. Muhammad Shoaib

Attock Campus

Research Groups

#	Group Name	Group Leader
1	Internet, Communication, Network Group	Dr. Peer Azmat Shah
2	Pattern Recognition, Images and Data Engineering Pride	Dr. Khalid Iqbal

Faculty of **Engineering**

The Faculty of Engineering is functioning with four departments including Department of Electrical Engineering, Department of Chemical Engineering, Department of Mechanical Engineering and Department of Civil Engineering.

Department of Electrical Engineering

The Department of Electrical Engineering at CIIT Islamabad, Abbottabad and Wah Campuses was established in 2001 and at CIIT Lahore, Attock and Sahiwal Campuses in 2002, 2007 and 2012 respectively. During this short span it has made big strides by offering conducive environment for studying various disciplines of Electrical Engineering. The curriculum ensures that the students learn not only the theoretical knowledge required in solving complex engineering problems and at the same time acquaints them with state of the art tools and techniques used in practice.

One of the main goals of the department is to actively achieve gender mainstreaming in its programs.

Women are doing remarkable work in the engineering field today. Fields such as Computer Engineering, Telecommunication Engineering, Power Engineering and Electronics Engineering are offering congenial work environments for females. As such there is an increased demand from the female students to enrol in the Engineering Department programs.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Electrical Engineering:

Bachelor of Science in Electrical (Computer) Engineering: BS (ECE)

Entry Requirements

◆ Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution.

◆ Valid NTS test score as per CIIT policy

Duration

◆ Minimum: 8 Semesters; 4 years

◆ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

◆ Minimum 135 Cr. Hrs.

Offering Semesters

◆ Fall Only

Offering Campus

◆ Islamabad

Program Information

Bachelor of Science in Electrical (Computer) Engineering program is one of the most versatile programs offering degree in electrical engineering, giving students the core knowledge and adequate breadth within the field, the emphases being on computer related subjects with specialized courses on computers design, digital electronics and computer science.

Bachelor of Science in Electrical (Electronics) Engineering: BS (EEE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution

- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years

- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 137 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campuses

- Islamabad, Abbottabad

Program Information

Bachelor of Science in Electrical (Electronics) Engineering is one of the oldest programs of Electrical Engineering. Electronics engineers have a broad spectrum of knowledge base which allows them to work in areas ranging from maintenance, management, design, and reverse engineering.

Bachelor of Science in Electrical (Power) Engineering: BS (EPE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution

- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 136 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campus

- Abbottabad

Program Information

In many countries, including the developed ones, the acute shortage of power engineers is being felt and it is estimated that in next five to ten years the scarcity of power engineers will reach a critical stage. With this scenario in mind and the inevitable addition of more power generation units to be set up in Pakistan, CIIT felt the need to offer Electrical (Power) Engineering program at undergraduate level.

Bachelor of Science in Electrical Engineering: BS (EE)

Entry Requirements

◆ Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution

◆ Valid NTS test score as per CIIT policy

Duration

◆ Minimum: 8 Semesters; 4 years

◆ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

◆ Minimum 133 Cr. Hrs.

Offering Semesters

◆ Fall Only

Offering Campuses

◆ Islamabad, Lahore, Wah, Attock, Sahiwal

Program Information

Bachelor of Science in Electrical Engineering Program is designed to provide its graduates with a solid educational foundation on which they can build successful and sustainable careers in electrical engineering and related fields. The curriculum of Bachelor of Science in Electrical Engineering is developed with the objective to facilitate the teaching of common core courses and selection of courses of a particular major area like Power, Telecommunication, Electronics, Computer and Control. To enhance learning, workshops are often held such as 'Telecommunication Regulations'. Establishment of 'Center of Advanced Studies in Telecommunication (CAST) at CIIT is another step in this direction. Industrial tours, Project exhibition events like 'TechnoMoot and EMCOT and seminars on 'Mobile Technology Development in Pakistan', 'High speed Optical Communication', 'Design and Development of Multi-channel Digital Filters and their Applications in Tracking' and advanced mobile communication standards such as WiMAX and LTE etc are some of the strengths of the department.

Bachelor of Science in Computer Engineering: BS (CE)

Entry Requirements

◆ Intermediate or equivalent with Physics, Mathematics, and Chemistry/Computer Science/Computer Studies having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution

◆ Valid NTS test score as per CIIT policy

Duration

◆ Minimum: 8 Semesters; 4 years

◆ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

◆ Minimum 134 Cr. Hrs.

Offering Semesters

◆ Fall Only

Offering Campus

◆ Abbottabad, Attock, Lahore

Program Information

Computer Engineering is an enormously vibrant area of study. It focuses on the design, analysis and application of the computer system. It is a practical field intended to solve real world problems by combining ideas from engineering with basic science. The curriculum of Bachelor of Science in Computer Engineering is developed in such ways that during the first year, reinforcement in science and mathematics subjects are provided. During the second year, graduates are reinforced with the Electronic Engineering and Computer Engineering fields. In the third and fourth year, major emphasis is on Computer Architecture and Interfacing, Digital Systems and Computer Science.

Faculty Members at Department of Electrical Engineering

Islamabad Campus

Professors

- Dr. Shahid Ahmed Khan, PhD, University of Portsmouth, UK
- Dr. Nassrullah Khan, PhD, Essex University, UK
- Dr. Shahzad A. Malik, PhD, Ecole National Superieur Des Telecommunication, France
- Dr. Junaid Mughal, PhD, University of Birmingham, UK

Associate Professors

- Dr. Raja Ali Riaz, PhD, Southampton University, UK
- Dr. Muhammad Tahir Akhtar, PhD, Tohoku University, Japan
- Dr. Shurjeel Wyne, PhD, Lunds University, Sweden

Assistant Professors

- Dr. Adnan Iftikhar, PhD, North Dakota State University, USA

- Dr. Muhammad Fasih Uddin Butt, PhD, Southampton University, UK
- Dr. Rabiah Badar, PhD, CIIT Abbottabad, Pakistan
- Dr. Muhammad Aurangzeb Khan, PhD, Lancaster University, UK
- Dr. Junaid Ahmed, PhD, Manchester University, UK
- Dr. Ghulam Mujtaba, PhD, Loughborough University, UK
- Dr. Haroon Ahmed Khan, PhD, Lancaster University, UK
- Dr. Adnan Fida, PhD, Universiti Brunei Darussalam, Brunei Darussalam, Brunei
- Dr. Naveed-ur-Rehman, PhD, Imperial College London, UK
- Dr. Bilal Ijaz, PhD, North Dakota State University, USA
- Dr. Kausar Abbas, PhD, Purdue University, Indiana, USA
- Dr. Khurram Aziz, PhD, Vienna University of Technology, Austria
- Dr. Muhammad Kaleem, PhD, Zhejiang University, China
- Dr. Mustafa Shakir, PhD, Beijing Institute of Technology, China
- Dr. Syed Junaid Nawaz, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Amir Rashid Ch., PhD, Lancaster University, UK
- Dr. Adeel Mehmood, PhD, Universite de Technologie de Belfort Montbeliard, France
- Dr. Omar Ahmed , PhD, Politennico Di Torino University of Italy, Italy
- Dr. Jawad Mirza, PhD, Victoria University of Wellington, New Zealand
- Dr. Syed Saud Naqvi, PhD, Victoria University of Wellington, New Zealand

- Dr. Muhammad Faisal Siddiqui, PhD, University of Malaya, Malaysia
- Dr. Shahrukh Agha, PhD, Loughborough University, UK
- Dr. Guftaar Ahmed Sardar Sidhu, PhD, Jacobs University, Germany
- Dr. Hammad Umer, PhD, Imperial College London, UK
- Dr. Ahmed Bilal Awan, PhD, National Polytechnique Institute of Lorraine, France
- Dr. Moazzam Islam Tiwana, PhD, Institute National Des Telecommunication, France
- Dr. Amir Mehmood Khan, PhD, University of Nice-Sophia Antipolis, France
- Dr. Sana Shuja, PhD, North Dakota State University , USA (Lecturer)
- Dr. Muhammad Awais Javed, PhD, University of Newcastle, Australia (Research Associate)
- Dr. Ali Arshad, CIIT Islamabad, Pakistan

Besides, 34 non-PhD Assistant Professors, 36 Lecturers, 19 Lab Engineers and 14 Research Associates are also part of this department.

Abbottabad Campus

Chief Engineer

- Dr. Abdur Rashid, PhD, University of Victoria, UK

Professors

- Dr. Shahid Khattak, PhD, Technische Universitat Dresden, Germany
- Dr. Laiq Khan, PhD, University of Strathclyde, Glasgow, UK

Associate Professors

- Dr. Imdad Khan, PhD, University of Birmingham, UK
- Dr. Owais, PhD, Linkoping University, Sweden

Assistant Professors

- Dr. Muhammad Amir Khan, PhD, University Technology Petronas, Malaysia
- Dr. Irfanullah, PhD, North Dakota State University, USA
- Dr. Muhammad Ali, PhD, North Dakota State University, USA,
- Dr. Abdul Majid, PhD, Mid Sweden University, Sweden
- Dr. Muhammad Fahad, PhD, University of Peshawar, Pakistan
- Dr. Shadan Khattak, PhD, De Montfort University , UK
- Dr. Jabran Khan Jadoon, PhD, UNICE France, France
- Dr. Jawad Saleem, PhD, Mittuniversitetet Mid Sweden University, Sweden
- Dr. Ali Zahir, PhD, Politecnico de Torino Italay, Italy
- Dr. Ihsan Ullah, PhD, Hanyang University, South Korea
- Dr. Uzair Khan, PhD, Hanyang University, South Korea
- Dr. Alam Zaib, PhD, Norwegian University of Science and Technology, Norway
- Dr. Zahid Mahmood, PhD, North Dakota State University USA
- Dr. Shoaib Azmat, PhD, Georgia Institute of Technology, USA
- Dr. Ahmad Fayyaz, PhD, North Dakota State University , USA
- Dr. Aamir Shahzad, PhD, University Technology Petronas, Malaysia
- Dr. Ch. Arshad Mehmood, PhD, North Dakota State University, USA
- Dr. Mohsin Amin, PhD, Paul Verlaine University - Metz, France

- Dr. Ghulam Mujtaba, PhD, Loughborough University, UK
- Dr. Sajjad Ali Mushtaq, PhD, Telecom Bretagne France, France
- Dr. Sohail Razzaq, PhD, University of Lancaster, UK
- Dr. Bilal Khan, PhD, University of Sheffield, UK
- Dr. Hazrat Ali, PhD, University of Beijing, China
- Dr. Fazal Wahab Karam, PhD, Norwegian University of Science and Technology, Norway
- Dr. Abdul Waheed Malik, PhD, CIIT Abbottabad, Pakistan

Besides, 26 non-PhD Assistant Professors, 76 Lecturers and 01 Research Associate are also associated with this department.

Engineering Resource Center

Principal Engineer

- Col Anjum Hussain Shah Retd, MS, University of Engineering and Technology, Lahore, Pakistan

Senior Engineers

- Tanveer Ahmad, MA, University of Peshawar, Pakistan
- Shahid Hussain, Bachelor of Engineering in Electronics, NED University of Engineering and Technology, Karachi

Technologist

- Ansar, MA, CIIT Abbottabad, Pakistan

Besides, 01 Laboratory Supervisor, 01 Laboratory Demonstrator and 13 Laboratory Engineers are also associated with this sub-department.

Lahore Campus

Associate Professors

- Dr. Saleem Akhtar, PhD, Ecole National Superieur Des Telecommunication, France
- Dr. Sobia Baig, PhD, Ghulam Ishaq Khan Institute

of Engineering Sciences and Technology, Topi, Swabi, Pakistan

- Dr. Ejaz Ahmad Ansari, PhD, Asian Institution of Technology, Pathum Thani, Thailand

Assistant Professors

- Dr. Ali Nawaz Khan, PhD, Harbin Institute of Technology, China
- Dr. Imran Ghous, PhD, Nanjing University, China
- Muhammad Nadeem Rafiq, PhD, North Dakota State University, USA
- Dr. Muhammad Jawad, PhD, North Dakota State University, USA
- Dr. Jahanzeb Akhtar, PhD, Brunel University London, UK
- Dr. Mirza Tariq Humayun, PhD, University of Leicester, UK
- Dr. Asim Ali Khan, PhD, Manchester University, UK
- Dr. Syed Mujtaba Hussain Jaffery, PhD, University of Surrey, UK
- Dr. Muhammad Mubeen Masud, PhD, North Dakota State University, USA
- Dr. Muhammad Haris Khan, PhD, University of Nottingham, UK
- Dr. Hafiz Muhammad Asif, PhD, Lancaster University, UK
- Dr. Muhammad Naeem Awais, PhD, Jeju National University, South Korea
- Dr. Khurram Ali, PhD, Poltechnico Di Torino, Italy
- Dr. Umer Farooq, PhD, Universite Pierre et Marie CURIE, France
- Dr. Muhammad Naeem Shehzad, PhD, Université de Nantes, France
- Dr. Muhammad Naeem Awais, PhD, Jeju National University, Korea
- Dr. Ikram Ullah Khosa, PhD, Politennico Di Torino

University of Italy, Italy

- Dr. Kashif Imran, PhD, University of Strathclyde, Glasgow, UK
- Dr. Ahmad Saeed Anwar, PhD, University of Glasgow, UK

Besides, 09 non-PhD Assistant Professors, 22 Lecturers, 12 Lab Engineers and 17 Research Associates are also associated with this department.

Wah Campus

Associate Professors

- Dr. Rahim Dad Khan, PhD, East China University of Science & Technology, Shanghai, China
- Dr. Nadia Nawaz, PhD, Essex University, UK
- Dr. Muhammad Altaf, PhD, Essex University, UK
- Dr. Muhammad Iqbal, PhD, Beijing University of Posts and Telecommunications, China
- Dr. Muhammad Naeem, PhD, Simon Fraser University, Burnaby, Canada

Assistant Professors

- Dr. Mubashir Hussain Rehmani, PhD, Universite Pierre et Marie CURIE, France
- Dr. Ayaz Ahmad, PhD, Paris Sud 11 University, France
- Dr. Muhammad Kamran, PhD, Graduate University of Chinese Academy of Sciences, Beijing
- Dr. Syed Rameez Naqvi, PhD, Vienna University of Technology, Austria
- Dr. Ashfaq Ahmed, PhD, Politecnico di Torino, Italy
- Dr. Muhammad Awais, PhD, Politecnico di Torino, Italy
- Dr. Sajjad Ali Haider, PhD, Chongqing University, China
- Dr. Tallha Akram, PhD, Chongqing University, China

- Dr. Habib Ullah, PhD, Universita Degli Studi Di Trento, Italy
- Dr. Wilayat Khan, PhD, Foscari University of Venice, Italy
- Dr. Muhammad Uzair, PhD, University of Western Australia, Australia
- Dr. Zeeshan Kaleem, PhD, Inha University, Korea
- Dr. Aamir Qamar, PhD, School of Electrical Engineering, Chongqing University, China
- Dr. Hafiz Muhammad Omer Chughtai, PhD, University Technology Petronas, Malaysia

Besides, 06 non-PhD Assistant Professors, 10 Lecturers, 08 Research Associates and 04 Lab Engineer are also associated with this department.

Attock Campus

Assistant Professors

- Dr. Shahid Iqbal, PhD, Multimedia University, Melaka, Malaysia
- Dr. Muhammad Asif Zahoor Raja, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Shujaat Ali Khan Tanoli, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Ata ur Rehman, PhD, Politennico Di Torino University of Italy, Italy
- Dr. Saeed Ehsan Awan, PhD, Pakistan Institute of Engineering and Applied Sciences, Nilore, Islamabad, Pakistan
- Dr. Ajmal Khan, PhD, Kyungpook National University, Korea
- Dr. Zuhaib Ashfaq Khan, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Faiza Nawaz, PhD, University Technology Petronas), Malaysia
- Dr. Khursheed, PhD, Mid Sweden University, Sweden

- Dr. Farman Ullah, PhD, Korea Aerospace University, South Korea, Korea
- Dr. Saeed ur Rehman, PhD, University Bretagne Sud, France
- Dr. Hafeez Anwar, PhD, Vienna University of Technology, Australia
- Dr. Fawad Zaman, PhD, International Islamic University, Islamabad, Pakistan

Besides, 05 non-PhD Assistant Professors and 13 Lecturers and 04 Research Associates are also associated with this department.

Sahiwal Campus

Assistant Professors

- Dr. Saeeda Usman, PhD, North Dakota State University, USA
- Dr. Nazar Muhammad Idreess, PhD, Johannes Kepler University Linz, Austria
- Dr. Syed Aftab Naqvi, PhD, North Dakota State University, USA
- Dr. Saqib Saleem, PhD, Victoria University of Wellington, New Zealand
- Dr. Muhammad Ahmad Ashraf, PhD, King Saud University, KSA

Besides, 05 non-PhD Assistant Professors and 11 Lecturers are also associated with the department.

Center for Advanced Studies in Telecommunication (CAST) at CIIT Islamabad Campus

Center for Advanced Studies in Telecommunications (CAST) has been developed with the aim to provide an interface between university-based telecommunication activities and regional telecom industry, IT industry, software developers, government, community groups and so on. CAST from its inception has been focused on developing strong industry links, with specific regard to the practical implementation and realization of telecommunication technologies. It provide service to society by promoting quality research in ICT by virtue of its highly competent faculty and staff, sate-of-the-art research facilities, synergistic relationships with regional industry and by providing an intellectually stimulating environment for problem – based research.

The Center also aims to conduct research and consultancy with an emphasis on application of knowledge in collaboration with government, industry, commerce, the professions and other community groups. Hence, CAST is a dynamic research Center drawing in talented researchers from all over the world and reacting rapidly to the

changing technology. Undergraduate students can also undertake their final year projects under the supervision of the research scholars working in CAST.

Faculty Members

Associate Professors

- Dr. Muhammad Farhan Shafique, PhD, Leeds Metropolitan University, UK

Assistant Professors

- Dr. Touseef Javed Chaudhery, PhD, University of London, UK
- Dr. Muhammad Mohsin Riaz, PhD, NUST, Islamabad, Pakistan
- Dr. Imran Usman, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Qudrat Khan, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan

Besides, 03 non-PhD Assistant Professors, 11 Lectures and 10 Research Associates are associated with this center.

Department of Chemical Engineering

The Department of Chemical Engineering at CIIT Lahore Campus was launched in 2005, with a vision to produce outstanding chemical engineers equipped with extensive up-to-date technical knowledge and skilful hand-on-training to meet the changing demands of the society. The Department offers enabling academic as well as social environment to its students to nourish their mental faculties. It strives for producing chemical engineers who are distinguished by their innovative approach, professional competence and managerial skills, together with providing quality education with an emphasis on applied research and all possible international linkages.

Academic Programs Offered

Following undergraduate program is being offered by the Department of Chemical Engineering:

Bachelor of Science in Chemical Engineering: BS (ChE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, and Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks, from an accredited educational institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 138 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campus

- Lahore

Faculty Members at Department of Chemical Engineering

Lahore Campus

Professors

- Dr. Asad Ullah Khan, PhD, Imperial College London, UK
- Dr. Robina Farooq, PhD, East China University of Science & Technology, Shanghai, China

Advisor

- Dr. Javaid Ahmad, PhD, Brunel University, London, UK

Associate Professors

- Dr. Moin-ud-Din Ghauri, PhD, University of Sheffield, UK
- Dr. Anwar ul Haq, PhD, Ivanovo State University of Chemistry and Technology, Russia
- Dr. Mazhar Amjad Gilani, PhD, Technical University of Clausthal, Germany
- Dr. Murid Hussain Malik, PhD, Korea Advanced Institute of Science and Technology, Korea
- Dr. Noman-ul-Haq, PhD, Kyungpook National University, Teagu, Korea
- Dr. Zulfiqar Ali, PhD, Martin Luther University of Halle-Wittenberg, UK
- Dr. Aqeel Ahmad Bazmi, PhD, University Technology Malaysia (UTM), Malaysia

Assistant Professors

- Dr. Sikandar Rafiq, PhD, University Technology Petronas, Malaysia
- Dr. Sara Riaz, PhD, East China University of Science and Technology, Shanghai, China
- Dr. Fahad Rehman, PhD, University of Sheffield, UK
- Dr. Aqeel Ahmad Khan, PhD, Manchester University, UK
- Dr. Javed Iqbal, PhD, Martin Luther University, Germany
- Dr. Abrar Faisal, PhD, Lulea University of Technology, Sweden
- Dr. Zakir Khan, PhD, University Technology Petronas, Malaysia
- Dr. Lubna Sherin, PhD, Lahore College for Women University, Lahore, Pakistan
- Dr. Abrar Inayat, PhD, University Technology Petronas, Malaysia
- Dr. Asim Laeeq Khan, PhD, University of Leuven-Katholieke Universiteit Leuven, Belgium
- Dr. Muhammad Khaliq Majeed, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Rizwan, PhD, Hanyang University, Seoul, South Korea
- Dr. Faisal Ahmed, PhD, Hanyang University, Seoul, South Korea
- Dr. Hafiz Ghulam Murshid, PhD, University Technology Petronas, Malaysia
- Dr. Muhammad Shahzad Khurram, PhD, Konkuk University, South Korea
- Dr. Muhammad Shahid Nazir, PhD, University Technology Petronas, Malaysia
- Dr. Muhammad Yasin, PhD, Gwangju Institute of Science and Technology, South Korea
- Dr. Maria Mustafa, PhD, Jeju National University, South Korea
- Dr. Um-e-Salma Amjad, PhD, Politecnico Di Torino, Italy
- Dr. Saif Ur Rehman, PhD, Korea Advanced Institute of Science and Technology, Korea
- Dr. Syed Muhammad Imran Hassan, PhD, Hanyang University, Seoul, South Korea

• Dr. Naim Rashid, PhD, Korea Advanced Institute of Science and Technology, South Korea

Besides, 09 non-PhD Assistant Professors, 22 Lecturers, 12 Laboratory Engineers and 17 Research Associates are also associated with this department.

Department of Mechanical Engineering

The CIIT establish the Department of Mechanical Engineering in both CIIT Sahiwal and Wah Campuses. The Department at Sahiwal Campus has initially launched the BS program in Mechanical Engineering and has inducted the first batch of students from Fall 2010.

Academic Programs Offered

Following undergraduate program is being offered by the Department of Mechanical Engineering

Bachelor of Science in Mechanical Engineering: BS (ME)

Entry Requirements

◆ Intermediate or equivalent with Physics, Mathematics and Chemistry with minimum of 60% marks, or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution

◆ Valid NTS test score as per CIIT policy

Duration

◆ Minimum: 8 Semesters; 4 years

◆ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

◆ Minimum 136 Cr. Hrs.

Offering Semesters

◆ Fall Only

Offering Campus

◆ Sahiwal

Program Information

The broad educational objective of the undergraduate program in Mechanical Engineering is to provide a solid foundation of mathematical, scientific and engineering knowledge and to inculcate a comprehensive understanding of theory and practice related to structural mechanics, thermo fluids, manufacturing, and design. It is a distinctive blend of engineering sciences with well-balanced laboratory work, design projects and manufacturing processes with extensive usage of computers and latest software packages that will serve the students throughout their careers.

Department of Mechanical Engineering aims to attract exceedingly motivated students and prepare them for life-long learning and practice of Mechanical Engineering in industry, government institutions and academia. The program also focuses on developing a sound knowledge to enable researchers to collaborate across disciplines taking into account the local resources, talent and needs to serve as a valuable resource for the people and the industry of the nation.

Faculty Members at Department of Mechanical Engineering

Wah Campus

Professors

- Prof. Dr. Muhammad Abid, PhD, University of Strathclyde, Glasgow, UK

Assistant Professors

- Dr. Ali Usman, PhD, Kyungpook National University, South Korea

Besides, 01 Research Associates is also associated with this department.

Sahiwal Campus

Chief Engineers

- Dr. Zahiruddin Shaikh, PhD, University of Sheffield, UK
- Dr. Fayyaz Ahmad Lohar, PhD, Mc Gill University, Montreal, Canada

Assistant Professors

- Dr. Muhammad Abid, PhD, Technical Universitie, Germany
- Dr. Muhammad Salman Mustafa, PhD, Politecnico Di Milano, Italy
- Dr. Tariq Manzoor Ahmed, PhD, Ghulam Ishaq Khan Institute of engineering Science and Technology, Topi, Swabi, Pakistan
- Dr. Muhammad Akram, PhD, Delft University of Technology, Netherlands
- Dr. Muhammad Rafi Raza, PhD, University Technology Petronas (UTP), Malaysia

Besides, 03 non-PhD Assistant Professors, 11 Lecturers and 03 Research Associates are also associated with the department.

Department of Civil Engineering

The Department of Civil Engineering was established at CIIT Abbottabad and Wah Campuses in Fall 2012 and at CIIT Sahiwal in Fall 2015. The department offers a competitive four years degree program at the undergraduate level and two years MS program at the graduate level based on a comprehensive curriculum designed in accordance with the HEC and PEC guidelines and in line with international standards. The department has diverse and experienced faculty of international repute.

Academic Programs Offered

Following undergraduate program is being offered by the Department of Civil Engineering:

Bachelor of Science in Civil Engineering: BS (CEE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics and Chemistry with minimum 60% marks, or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution

- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 140 Cr. Hrs.

Offering Semester

- Fall Only

Offering Campuses

- Abbottabad, Wah, Sahiwal

Program Information

Civil Engineering is the oldest engineering profession that deals with the design, construction and maintenance of the physical and naturally built environment and plays a vital role in the progress and development of a modern society.

Bachelor of Science in Civil Engineering program at CIIT aims to provide critical learning for broad foundation in structures, environmental engineering, geotechnical, materials, water resources and transportation. Considerable emphasis is placed on group-based, open-ended design projects to provide students with the necessary skills for creative teamwork and to prepare them professionally for diverse employment opportunities. Preparation for professional practice and graduate studies is accomplished through careful selection of technical electives.

Faculty Members for Department of Civil Engineering

Abbottabad Campus

Associate Professors

- Dr. Muhammad Ashraf, PhD, Tottori University, Japan

- Dr. Khan Zaib Jadoon, PhD, University Catholique de Louvain, Belgium

Assistant Professors

- Dr. Khalid Mahmood, PhD, Chonnam National University, South Korea
- Dr. Tayyab Ashfaq, PhD, Korea Advanced Institute of Science and Technology, Korea

Besides, 02 non-PhD Assistant Professors, 11 Lecturers are also associated with this department.

Wah Campus

Advisor

- Prof. Dr. Saeed Ahmad, PhD, University of Sheffield, UK

Assistant Professors

- Dr. Badar ul Ali Zeeshan, PhD, Politecnico Di Torino, Italy
- Dr. Ahsen Maqsoom, PhD, Asian Institute of Technology, Thailand
- Dr. Tahir Mehmood, PhD, Asian Institute of Technology, Thailand
- Dr. Adnan Nawaz, PhD, Asian Institute of Technology, Thailand

Besides, 01 non-PhD Assistant Professor, 06 Lecturer 06 Research Associates and 01 Lab Engineer is also associated with this department.

Sahiwal Campus

Assistant Professor

- Dr. Syed Iftikhar Ahmad, PhD, University of Tokyo, Japan

Besides, 01 Lecturers and 01 Research Associate are also associated with the department.

Faculty of **Business Administration**

The Faculty of Business Administration at CIIT is an amalgam of three departments including Department of Management Sciences, Department of Development Studies and Department of Humanities.

Department of Management Sciences

The Department of Management Sciences started its journey at CIIT about 12 years ago with a vision to develop skills of tomorrow's managers; and with its phenomenal ascent is presently one of the top departments in the country's higher education landscape. This department endeavours to contribute to the society by imparting quality education, distinguished by cutting edge technologies and modern managerial practices through learned faculty, interacting with leading Consultants, Entrepreneurs, Industrialist, Technology Experts and Global Educational partners. Our Department has one of the largest concentrations of doctoral degree holders faculty in the country and

maintains multiple partnerships and cooperation agreements with prestigious universities across the globe.

Together with enjoying a good reputation among employers, our programs provide students a thorough insight into latest trends in management and business practices. In addition to grooming the personality of our students and sharpening their communication skills, greater emphasis is laid upon the intellectual augmentation and perpetual development of students with curricular, co-curricular and extracurricular efforts.

Academic Programs Offered

Department of Management Sciences at CIIT takes a lead by offering:

Bachelor of Science in Business Administration: BS (BA)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 139 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Lahore, Abbottabad, Wah, Attock, Sahiwal, Vehari

Program Information

Bachelor of Science in Business Administration program at CIIT provides students the option to specialize in any of the different areas including Marketing, Finance, Human Resources Management, Entrepreneurship, International Business, Supply Chain Management and Banking and Finance.

BS (BA) program prepares students for the competitive world of business by involving them to the real life business experiences and has been designed to:

♦ familiarize students with the fundamental body of theoretical and applied knowledge of business

♦ learn new tools and techniques to be applied in multi-cultural environment of globalization

♦ enable integration of formal academic learning with business related experiential learning

Bachelor of Science in Accounting and Finance: BS (A&F)

Entry Requirements

♦ Intermediate or equivalent with minimum 50% marks from an accredited institution

♦ Valid NTS test score as per CIIT policy

Duration

♦ Minimum: 8 Semesters; 4 years

♦ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

♦ Minimum 135 Cr. Hrs.

Offering Semesters

♦ Fall and Spring

Offering Campuses

♦ Islamabad, Lahore, Wah, Sahiwal, Vehari

Program Information

The Bachelor of Accounting and Finance is designed for students wishing to pursue a career in accounting and finance, either as an accountant in private practice or employed in industry, commerce or the public sector. It allows students to specialize solely in Professional Accounting, or both Professional Accounting and Applied Finance and provides them with the knowledge and technical skills they need to succeed in the accounting/finance field.

Accounting and Finance graduates will find employment at supervisory and mid carrier executive levels in a wide range of business careers such as accounting, auditing, taxation, finance, banking, investment, corporate planning, strategic business planning, treasury, information systems, management consulting and forensic accounting.

Faculty at the Department of Management Sciences is a blend of Professional FCMAs, FCAs & Doctoral Degrees, in various fields of Management, Finance, Islamic Banking, Operations & Research etc. They bring to classrooms their diversified experience and expertise that help students broaden their view and deepen their understanding of the contemporary business issues and practices.

Bachelor of Science in Economics: BS (Eco)

Entry Requirements

♦ Intermediate or equivalent with minimum 50% marks from an accredited institution

♦ Valid NTS test score as per CIIT policy

Duration

♦ Minimum: 8 Semesters; 4 years

♦ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

♦ Minimum 132 Cr. Hrs.

Offering Semesters

♦ Fall and Spring

Offering Campuses

♦ Islamabad, Abbottabad, Lahore

Program Information

Bachelor of Science in Economics program is designed to equip graduates with comparative knowledge of economic theory and applied economics. This program offers a combination of theoretical and practical courses with economic application to illustrate their abilities at workplace. The degree is based around the core of micro and macroeconomics, focusing on behaviour of individuals and firms and broader issues such as employment and inflation. The graduates of this program will be able to work as economists in public or private sector; commercial banks, NGOs, teaching and other institutions involved in training, consultancy, research, and policy development and formulation, and further their education by joining research areas in MS/PhD.

Bachelor of Business Studies: BBS

Entry Requirements

- 14 years of education in relevant field with minimum 2.0/4.0 CGPA (semester system) or 50% marks (annual system) from an accredited educational institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 66 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, Vehari

Program Information

Bachelors of Business Studies program at CIIT has

been initiated for the prospective students who wish to undertake business studies and explore their abilities outside their non-business educational thinking box. This two years program will meet the increasing demand for advanced business education which will not only combine text book learning with case study methodology but will also expose students to global business environment by facilitate development of their conceptual skills as well as personal growth.

The graduates of this program will have the clear understanding of financial theories and markets, the financial reporting system, and financial analysis, will be able to identify customer needs and participate in the process of developing products and services to meet these needs. On completion, the students will actually be able to put knowledge to work and will feel comfortable performing the responsibilities of a leader, critical thinking, communication and interpersonal skills, management, marketing, finance and global business.

Master of Public Administration: MPA

Entry Requirements

- Bachelor degree (14-year) or equivalent with minimum of 50% marks from an accredited institution.
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 69 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Attock, Wah

Program Information

Master of Public Administration program enables graduates for smart and effective management of public sector in order to best utilize the available resources and foster thinking process of future nation.

Master of Economics: M.Sc (Eco)

Entry Requirements

- Bachelor degree (14-year) with Economics having minimum of 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 69 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Vehari

Program Information

Master of Economics (M.Sc) program is designed to impart theoretical and applied knowledge in the field of Economics at undergraduate level and equips the students with conceptual and analytical skills required to have a better understanding of economic problems. This program also provides students with an opportunity to apply this knowledge by undertaking research and field work. The career potential for the program is enormous and the graduates may find opportunities in the public and private sector national and international organizations, business and furthering their education through MS/PhD.

Master of Business Administration (Executive, 2 Years): MBA (Exe)

Entry Requirements

- 14 years of education in relevant field with four years of work experience having minimum of 2.0/4.0 CGPA (semester system) or 50% marks (annual system)
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 66 Cr. Hrs.

Offering Semester(s)

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, Vehari

Program Information

An Executive MBA program provides an opportunity for professionals to obtain a Master's degree in Business Administration on a schedule that minimizes disruption of work and personal pursuits. This two year MBA (Exe) program will meet the increasing demand for advanced business educations which will not only combine text book learning with case study methodology but will also expose professionals to a competitive environment which will facilitate development of their conceptual skills as well as personal growth. It builds on the strengths of our full-time MBA program, and offers rigorous studies. Professional Managers, Leading Industrialist, Learned Senior Faculty and consultants build leadership and analytical skills; a must for SMART Managers.

Faculty Members at Department of Management Sciences

Islamabad Campus

Professor

- Dr. Khalid Riaz, PhD, Iowa State University, USA

Advisor

- Dr. Muzaffar Ali Qureshi, PhD, Rensslare Polytechnic Institute, Troy, New York, University of Southern California, USA

Principal Research Officer

- Dr. Mario Boris Curatolo, PhD, University of Wales, Aberystwyth, UK

Associate Professors

- Dr. Muhammad Zahid Iqbal, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Muhammad Arshad Khan, PhD, Pakistan Institute of Development Economics (PIDE), Islamabad, Pakistan

Assistant Professors

- Dr. Azad Haider, PhD, FAST University, Islamabad, Pakistan
- Dr. Saima Nawaz, PhD, Pakistan Institute of Development Economics (PIDE), Islamabad, Pakistan
- Dr. Muhammad Mudassar, PhD, Wuhan University of Technology, China
- Dr. Malik Asghar Naeem, PhD, University of Hong Kong, China
- Dr. Bashir Ahmed Fida, PhD, Shanghai University of Finance & Economics, China
- Dr. Faheem Aslam, PhD, Hanyang University, Seoul, China
- Dr. Yasir Tariq Mohmand, PhD, South China University of Technology, China

- Dr. Maria Ikram, PhD, Beijing Institute of Technology, China
- Dr. Muhammad Irfan, PhD, Federal Urdu University of Arts, Science & Technology (FUUAST), Islamabad, Pakistan
- Dr. Muhammad Majid Khan, PhD, University of Massachuesseitis, USA
- Dr. Mumtaz Ahmed, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Muhammad Iftikhar ul Husnain, PhD, FAST University, Islamabad, Pakistan
- Dr. Muhammad Zakaria, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Usman Ayub , PhD, CIIT Islamabad, Pakistan
- Dr. Muhammad Aamir Khan, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Mudassar Rashid, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Nabila Khurshid, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Amir Rafique, PhD, SZABIST, Islamabad, Pakistan
- Dr. Muhammadi Sabra Nadeem, PhD, CIIT Islamabad, Pakistan
- Dr. Usman Shakoor, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Hashim Khan, PhD, Universiti Tun Hussein Onn Malaysia, Pakistan
- Dr. Malik Ikramullah, PhD, Gomal University, D.I.K., Pakistan
- Dr. Husnain A. Naqvi, PhD, University of Abertay Dundee, UK
- Dr. Muhammad Shahzad Anjum, PhD, Sains University, Malaysia
- Dr. Faisal Abbas, PhD, University of Bonn, Germany

- Dr. Osman Sadiq Paracha, PhD, University Technology Malaysia (UTM), Malaysia
- Dr. Shahzad Kouser, PhD, The Georg-August-University Gottingen, Germany
- Dr. Amjad Masood, PhD, The Georg-August-University Gottingen, Germany
- Dr. Khurram Shahzad Mughal, PhD, Kepler University, Austria
- Dr. Sher Akbar, PhD, Sains University, Malaysia
- Dr. Munnawar Naz Khokhar, PhD, University of Cordilleras, Philippines
- Dr. Imran Abbas Jadoon, PhD, University Technology Malaysia (UTM), Malaysia
- Dr. Ammar A. Raja, PhD, London School of Economics, UK
- Dr. Liaqat Ali Shah, PhD, School of Arts et Metiers Paris Tech Centre Metz, France
- Dr. Mansoor Ahmed, PhD, Leeds University, UK
- Dr. Uzma Javed, PhD, Cardiff University, UK
- Dr. Noureen Adnan Khan, PhD, Cardiff University, UK
- Dr. Abubakar Saeed, PhD, Middlesex University London, UK
- Dr. Amna Yousaf, PhD, University of Twentte, Netherlands
- Dr. Aneel Salman, PhD, Rensselaer Polytechnic Institute, Troy, USA
- Dr. Muhammad Mustafa Raziq , PhD, Massey University, New Zealand
- Dr. Zeenat Jabbar, PhD, Brunel University London, UK
- Dr. Fahad Amjad, PhD, University De Lorraine, France
- Dr. Noor Muhammad, PhD, University of Huddersfield, UK

Besides, 31 non-PhD Assistant Professors, 34 Lecturers and 10 Research Associates are also part of this department.

Inter-Islamic Network on Information Technology (INIT) at CIIT Islamabad Campus

Assistant Professor

- Dr. Akber Abid Gardezi , PhD, Sussex University, UK

Lahore Campus

Associate Professors

- Dr. Abdus Sattar Abbasi, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Hafiz Zahid Mahmood, PhD, Humboldt Universitat Zu Berlin, Germany
- Dr. Abdul Haque, PhD, Huazhong University of Science & Technology, China
- Dr. Muhammad Amir Rashid, PhD, University Technology Malaysia, Malaysia

Assistant Professors

- Dr. Hafiz Muhammad Usman, PhD, Lancaster University, UK
- Dr. Fariha Rehman, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Waheed Akhter, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Muhammad Khan, PhD, Federal Urdu University of Arts, Science and Technology, Islamabad, Pakistan
- Dr. Asma Imran, PhD, Foundation University Islamabad, Pakistan
- Dr. Summaira Malik, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Ammar Abid, PhD, Zhongnan University of Economics and Law, China

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- Dr. Zafar-uz-Zaman Anjum, PhD, Wuhan University of Technology, China
- Dr. Muhammad Ibrahim Abdullah, PhD, Chongqing University, China
- Dr. Rafi Amir ud Din, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Ahmad Qammar, PhD, University of Sheffield, UK
- Dr. M. Ali Jibran Qamar, PhD, University of Gloucestershire, UK
- Dr. Ahmad Nawaz, PhD, Goettimgen University, Germany
- Dr. Hamidreza Ghorbani Dastgerdi, PhD, University of Malaya, Malaysia
- Dr. Imran Shafique, PhD, University Technology Malaysia, Malaysia
- Dr. Ghulam Hussain, PhD, University Technology Malaysia, Malaysia
- Dr. Umar Safdar, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Muhammad Usman, PhD, University of International Business and Economics, China
- Dr. Basharat Naeem, PhD, CIIT Lahore, Pakistan
- Dr. Sajid Nazir, PhD, CIIT Lahore, Pakistan
- Dr. Abdul Farooq, PhD, National College of Business Administration and Economics, Lahore

Besides, 23 non-PhD Assistant Professors, 23 Lecturers and 05 Research Associates are also part of this department.

Abbottabad Campus

Professors

- Dr. Shehla Nasreen Amjad, PhD, University of Bradford, UK
- Dr. Syed Amjad Farid Hasnu, PhD, University of Bradford, UK

Associate Professor

- Dr. Kashif Rashid, PhD, Victoria University, Melbourne, Australia

Assistant Professors

- Dr. Muhammad Tahir, PhD, University of Brunei Darussalam, Brunei
- Dr. Asim Afridi, PhD, Marseille University France, France
- Dr. Malik Fahim Bashir, PhD, Huazhong University of Science and Technology, China
- Dr. Yasar Bin Tariq, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Yasir Javed, PhD, Massey University, New Zealand
- Dr. Shakir Hafeez, PhD, Kunming University of Science and Technology, China
- Dr. Muhammad Saeed Lodhi, PhD, University of Hradec Kralove, Czech Republic
- Dr. Amjad Ali, PhD, Foundation University, Islamabad, Pakistan
- Dr. Imran Naseem, PhD, Qurtuba University of Sciences & Information Technology, D.I.Khan, Pakistan
- Dr. Imran Khan, PhD, Hacettepe University, Turkey
- Dr. Mansoor Shahab, PhD, University of Chinese Academy of Sciences, China
- Dr. Bilal Bin Saeed, PhD, University of Science and Technology Beijing, China

Besides, 15 non-PhD Assistant Professors and 33 Lecturers are also part of this department.

Wah Campus

Advisor

- Dr. Mushtaq Ahmad, PhD, University of Wales, Australia

Associate Professors

- Dr. Saqib Gulzar, PhD, Harbin Institute of Information Technology, China
- Dr. Samina Nawab, PhD, Institute of Policy and Management, Beijing, China
- Dr. Abdul Qayyum Khan, PhD, University of Peshawar, Pakistan

Assistant Professors

- Dr. Syed Muhammad Ali Tirmizi, PhD, Foundation University, Islamabad, Pakistan
- Dr. Syed Mazhar Abbas Zaidi, PhD, Foundation University, Islamabad, Pakistan
- Dr. Majid Jamal Khan, PhD, University de Rennes 1, France
- Dr. Amer Rajput, PhD, University Technology Malaysia, Malaysia
- Dr. Syeda Tamkeen Fatima Jafri, PhD, Ruhr University Bochum, Germany
- Dr. Khurram Shafi, PhD, Huazhong, University of Science and Technology, China
- Dr. Muhammad Yar Khan, PhD, University of Glasgow, UK
- Dr. Ayaz Qadeer, PhD, National University of Modern Languages, Islamabad, Pakistan

Besides, 06 non-PhD Assistant Professors, 13 Lecturers are also associated with this department.

Attock Campus

Assistant Professors

- Dr. Farzand Ali Jan, PhD, Hacettepe University, Ankara, Turkey
- Dr. Saddam Hussian, PhD, University of Peshawar, Pakistan
- Dr. Shabir Hyder, PhD, Federal Urdu University of Arts, Science and Technology, Islamabad, Pakistan
- Dr. Muhammad Shakil Ahmed, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Imran Malik, PhD, Foundation University Islamabad, Pakistan
- Dr. Faisal Nawaz, PhD, CIIT Islamabad, Pakistan
- Dr. Noman Khan, PhD, Qurtaba University, Pakistan
- Dr. Muhammad Ayub, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Asim Anwar, PhD, Federal Urdu University of Arts, Science & Technology, Islamabad, Pakistan
- Dr. Kh. Fawad Latif, PhD, Abasyn University, Peshawar, Pakistan

Besides, 04 non-PhD Assistant Professors, 23 Lecturers and 5 Research Associates are also part of this department.

Sahiwal Campus

Assistant Professors

- Dr. Muhammad Asrar-ul-Haq, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Irem Batool, PhD, Pakistan Institute of Development Economics, Islamabad, Pakistan
- Dr. Hafiz Muhammad Arshad, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Khurram Abbas, PhD, Central South University, China

Besides, 07 non-PhD Assistant Professors, 13 Lecturers and 04 Research Associates are also part of this department.

Vehari Campus

Associate Professor

- Dr. Khuda Baksh, PhD, University of Agriculture, Faisalabad, Pakistan

Principal Research Officer

- Dr. Asad Afzal Humayon, PhD, Foundation University, Islamabad, Pakistan

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Assistant Professors

- Dr. Sajid Haider, PhD, Rey Juan Carlos University Madrid, Spain
- Dr. Jamil Ahmad, PhD, SiChuan University, China
- Dr. Orangzab, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Rafaqat Ali, PhD, Gomal University, D.I.K., Pakistan
- Dr. Mazhar Abbas, PhD, University Utara Malaysia, Malaysia
- Dr. Muhammad Ashraf, PhD, University of Malaya, Malaysia
- Dr. Muhammad Imran Khan, PhD, Qurtuba University of Sciences and Information Technology, D.I.Khan, Pakistan
- Dr. Munir Ahmed, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Muhammad Sajjad, PhD, Foundation University, Islamabad, Pakistan
- Dr. Dilshad Ahmad, PhD, Gomal University, D.I.K., Pakistan
- Dr. Muhammad Irfan, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Qaiser Aman, PhD, Qurtuba University of Sciences & Information Technology, D.I.Khan, Pakistan
- Dr. Muhammad Asim Yasin, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Bilal Tariq, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Sohail Tahir, PhD, University Technology Malaysia, Malaysia

Besides, 05 non-PhD Assistant Professors, 42 Lecturers and 06 Research Associates are also part of this department.

Department of Development Studies

As a premier institution of the region and on the basis of a prioritized need assessment, CIIT expanded its role to encompass Development Studies as a separate department in 2004. Development Studies is an interdisciplinary field in which emphasis is placed on the study of societies, economies and institutions of the developing countries, their inter-connectedness with the developed world and processes through which the international institutions and mechanisms impact upon the overall goals of development within a global context. After completing development studies programs, many job opportunities can be availed in both national and international market.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Development Studies:

Bachelor of Science in Development Studies: BS (DS)

Entry Requirements

- Intermediate or equivalent with minimum of 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Bachelor of Science in Development Studies program

has been designed in which students have the option to specialize in any of the areas including rural development, environment and development, disaster management, gender and development and development project planning and management.

This program aims at providing prospective students with an:

- In-depth study of the current and emerging development paradigms, initiatives and debates;

- Emphasis on sustainable development and its inter-connectedness and importance for Pakistan;

- Ability to approach and identify micro-development issues emerging from the broader context of globalization; economic and political transformation;

- Project planning and management skills and ability to carry out and evaluate development programs using different planning and management tools; and

- Knowledge and skills of conducting action research social surveys using different methods and techniques that lead to seek and evaluate new information in different but relevant contexts.

Master of Development Studies: (MDS)

Entry Requirements

- Bachelor Degree (14-Years) or equivalent with minimum of 50% marks, from an accredited institution

- Valid NTS test score as per CIIT policy

Duration

- Minimum: 4 Semesters; 2 years

- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 70 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Master of Development Studies program has been designed with specific focus on courses that mostly base on the emerging and contemporary current trends related to socio-economic development and interrelated spheres within the overall framework of sustainable development. The program has been designed in a way where it leads to professional advancement and increased options and opportunities in the private and public sectors of the regional, national and international markets. Students of this program have the option to specialize in any of the areas including rural development, environment and development, disaster management, gender and development and development project planning and management.

For those already employed, this program will provide them an opportunity to enhance their professional skills and will prepare them to take up higher positions with greater knowledge of field and broader vision.

Faculty Members at Department of Development Studies

Abbottabad Campus

Associate Professor

- Dr. Bahadur Nawab, PhD, Norwegian University of Life Sciences, Norway

Assistant Professors

- Dr. Abda Khalid, PhD, Norwegian University of Life Sciences, Norway

- Dr. Siddique Ullah Baig, PhD, University Technology Petronas, Malaysia

- Dr. Arif Alam, PhD, Tottori University, Japan

- Dr. Zahid Hussain, PhD, NWFP Agricultural University Peshawar, Pakistan

- Dr. Adnan Ahmad Dogar, PhD, Universite Clermont Ferrand, France
- Dr. Tahir Mahmood, PhD, Georg August-University Gottingen, Germany
- Dr. Noor Elahi, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Senior Research Officer

- Dr. Humaira Khan, PhD, Johns Hopkins University, USA

Besides, 02 non-PhD Assistant Professors and 04 Lecturers are also part of this department.

Department of Humanities

The Department of Humanities at CIIT has the highly qualified faculty members of many The Department of Humanities at CIIT has the highly qualified faculty members of many different fields including English Language, English Literature, Applied Linguistics, Psychology, French, Islamic Studies, International Relations, and Pakistan Studies.

The Department offers world-class teaching and research, backed by the superb resources of the library, e-library and language laboratories. Such historic resources are linked to cutting-edge agendas in research and teaching, with an increasing emphasis on interdisciplinary study addressing

practical, educational and personality building issues significant to learners, educators, policy makers, communication professionals, and human resources managers. The Department of Humanities is continually pioneering new ways to teach and assess language, to research written discourse, and to teach writing for specific purposes.

Along with facilitating students to enhance effective English-usage at its best, the department plays a pivotal role in making students aware of their religious and moral values by teaching Islamic Studies, keeping track of the current political and social issues through courses of Pakistan Studies and International Relations, and making our youth aware of the humanitarian standards catering to their emotional well-being through Sociology and Psychology.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Humanities:

Bachelor of Science in Psychology: BS (Psychology)

Entry Requirements

- Twelve years of education or equivalent with minimum of 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad and Lahore

Program Information

Bachelor of Science in Psychology program offers an extensive and diverse selection of courses that are taught both in classroom settings and in the field. This program focuses on several psychological topics such as human development, abnormal psychology, childhood psychology, adolescent psychology, brain and behaviour, cognitive psychology, emotion and motivation, beginning statistics, general psychology, and social psychology, neuropsychological and environmental psychology.

Master of Arts in English: M.A (English)

Entry Requirements

◆ Bachelor Degree (14-Years) with English compulsory or equivalent with minimum of 50% marks from an accredited institution

◆ Valid NTS test score as per CIIT policy

Duration

◆ Minimum: 4 Semesters; 2 years

◆ Maximum: 6 Semesters; 3 years

Credit Hours Requirements

◆ Minimum 69 Cr. Hrs.

Offering Semesters

◆ Fall and Spring

Offering Campuses

◆ Vehari

Program Information

Master of Arts in English program is designed specifically for the students who want to attain a Master's level knowledge of English Language and Literature. The program covers the historical development of English, its various genres, through the ages. Moreover, it initiates learners into the theoretical grounding of literature and offers study of literary texts in their social and historical contexts, and ways of interpreting them, theories of learning and teaching language and modern concepts of linguistics. Through directed reading and focused discussion, students are offered the opportunity to develop their skills in textual analysis and to extend their awareness of different ways of reading and creative writing.

Faculty Members at Department of Humanities

Islamabad Campus

Principal Research Officer

• Dr. Aliya M. Zafar, PhD, University of Florida, USA

Advisors

• Dr. Samina Nadeem, PhD, Quaid-i-Azam University, Islamabad, Pakistan

• Dr. Mubina Talaat, PhD, Bahauddin Zakariya University, Multan, Pakistan

• Dr. Huma Ibrahim, PhD, Indiana University, Bloomington,Indiana, USA

• Dr. Amir Hamid Jafri, PhD, Oklahoma State University Stillwater, USA

Assistant Professors

• Dr. Inayat Kaleem, PhD, University of Peshawar, Pakistan

• Dr. Ghulam Shabbir, PhD, University of Karachi, Pakistan

• Dr. Muhammad Nawaz, PhD, International Islamic University, Pakistan

• Dr. Samia Wasif, PhD, Quaid-i-Azam University, Islamabad, Pakistan

• Dr. Saeed Anwar, PhD, International Islamic University, Islamabad, Pakistan

• Dr. Sohail Ahmed, PhD, University of Peshawar, Pakistan

• Dr. Ghulam Shabbir, PhD, University of Karachi, Pakistan

• Dr. Waqar Hussain, PhD, University of Peshawar, Pakistan

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- Dr. Farhat Nisar, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Aisha Jadoon, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Tehseena Usman, PhD, University of Peshawar, Pakistan
- Dr. Rizwan Naseer, PhD, Jinlin University, China
- Dr. Tehmina Khawaja, PhD, College of William & Mary, Williamsburg, VA, USA
- Dr. Arshad Bashir, PhD, Applachin State University, USA
- Dr. Asifa Qasim, PhD, The University of Memphis, TN, USA, USA
- Dr. Tanveer Zahra Bukhari, PhD, Indiana University, Bloomington,Indiana, USA
- Dr. Muhammad Mubeen, PhD, Ecole National Superieur Des Telecommunication, France
- Dr. Fasih Ahmed, PhD, University of Nantes, France
- Dr. Bushra Sadiq, PhD, Université de Franche-Comté Besançon, France
- Dr. Mubeen Akhtar , PhD, Georg August-University Gottingen, Germany
- Dr. Fayyaz Ahmed Faize, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Musarat Amin, PhD, Jinlin University, China

Besides, 08 non-PhD Assistant Professors, 18 Lecturers and 02 Research Associates are also part of this department.

Center for Policy Studies (CPS) at CIIT Islamabad Campus

Assistant Professors

- Dr. Muhammad Shakeel Ahmad, PhD, Quaid-i-Azam University, Islamabad, Pakistan

- Dr. Imran Syed, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Pablo Ouziel Jane, PhD, University of Victoria, Canada

Lahore Campus

Assistant Professors

- Dr. Muneeba Shakeel, PhD, University of Karachi, Pakistan
- Dr. Muhammad Ammad Ul Haque, PhD, University of Karachi, Pakistan
- Dr. Hafiza Fakhera Ikram, PhD, University of Cologne, Germany
- Dr. Aasia Nusrat, PhD, University of Nantes, France
- Dr. Jaleel Akhtar, PhD, University of Sussex, UK
- Dr. Musferah Mehfooz, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Shameem Fatima, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Muhammad Zubair, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Tahira Jibeen, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Mirza M. Zubair Baig, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Mudassar Mahmood Ahmad, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Farzana Ashraf, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Filza Waseem, PhD, National University of Modern Languages, Islamabad, Pakistan

Besides, 16 non-PhD Assistant Professors, 17 Lecturers and 02 Research Associates are also associated with this department.

Abbottabad Campus

Professor

- Dr. Muhammad Mushtaq Khan, PhD, University of Groningen, Netherlands

Assistant Professors

- Dr. Rabiah Rustam, PhD, University of Azad Jammu and Kashmir, Pakistan
- Dr. Sardar Muhammad, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Zahid Shah, PhD, University of Peshawar, Pakistan
- Dr. Nasir Ali Khan, PhD, University of Karachi, Pakistan

Besides, 02 non-PhD Assistant Professors and 18 Lecturers are also part of this department.

Vehari Campus

Assistant Professors

- Dr. Asma Ashraf, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Abdul Razzaq Azad, PhD, University of Karachi, Pakistan
- Dr. Muhammad Imran, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Ali Ahmad, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Muhammad Rashid Hafeez, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Zahoor Ahmed, PhD, University of Urtra, Malaysia

Besides, 02 Non-PhD Assistant Professors, 14 Lecturers, and 03 Research Associates are also part of this department.

Faculty of **Science**

The Faculty of Science is one of the largest faculties of CIIT and comprises of nine departments including, Department of Biosciences, Department of Physics, Department of Meteorology, Department of

Pharmacy, Department of Environmental Sciences, Department of Earth Sciences, Department of Chemistry, Department of Mathematics and Department of Statistics.

Department of Mathematics

Department of Mathematics started offering its BS, MS, PhD, Programs immediately after its establishment at different campuses. It is also providing services to all other departments by offering more than 100 courses at graduate/undergraduate level every semester at each campus.

At present, PhD and BS Mathematics programs are running at Islamabad and Lahore Campuses.

Department of Mathematics at Islamabad campus took the lead by producing about 50 PhDs. Department is offering its MS Program at all campuses and the number of MS graduates exceeds 300 to-date. Mathematics is essential in understanding all technological developments of our age like computer games, GPS, smart phones etc. This beautiful subject have got recognition in all aspects of human life like basic sciences, engineering, computer sciences, bio-sciences, medicine, environmental sciences, social sciences, management, economics, governance, etc. Mathematicians have an opportunity to make a lasting contribution to society by helping to solve problems in these diverse fields.It has relevance to fields of aerospace, oil exploration, electronics, weather prediction, management positions, teaching and research, accounting and financial analysis and defence related disciplines. Thus, it is a subject that can never lose its academic utility or professional value.

The advent of computers and data acquisition facilities has stretched the limits of what is possible in Mathematics to all branches of human endeavour. New developments are taking place all the time; some as a result of fresh ideas or review of old techniques, and others prompted by the applications to new and emerging physical, biological and social sciences, economics, and computing. This has given rise to new IT based techniques of mathematical study and has created new computational methodologies.

The Department aims to pursue excellence in Mathematics through teaching and research by developing appropriate curricula and teaching practices, acquiring talented faculty members, and providing an environment conducive to teaching and learning of qualitative as well as quantitative skills.

Academic Programs Offered

Bachelor of Science in Mathematics: BS (Math)

Entry Requirements

- F.A/F.Sc/ICS/A-Level or equivalent Higher Secondary School Certificate (HSSC) from an accredited institution with the subject of Mathematics having minimum 50% marks
- Valid NTS score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Lahore

Program Information

The human endeavour has raised the study and research of all disciplines including sciences and social sciences to the level that we need a unifying approach to solve the problems for development. Mathematics is the ultimate solution for unification as it is the language of science and systematic approach to human thought.

The four year BS program in Mathematics at CIIT is one of the strongest and oldest BS mathematics program in Pakistan, which serves as incubation period to the future researchers. After BS the students come out as hot cakes to get mould into future academicians/researchers.

In 21st century, mathematics graduate demonstrated their skills in finance industry, insurance companies, medical science, weather predictions, computer science, networks, architecture etc.

The BS program aims to provide the students with mathematical skills they need to excel in Mathematics for further studies MS/PhD and work in different above mentioned disciplines. The BS program at CIIT is very rich and fruitful in many perspectives:

Diversity

The last two semesters of the BS program consists of optional courses which students can choose conveniently due to the presence of large number of PhD faculty and their specialization in different fields. A student has to write a thesis (project) in the last semester on some topic of Mathematics preferably towards the application of Mathematics. "Fractals in Music", "Women in Mathematics", "Quantitative analysis of population growth models", "On the blow-up phenomena for some nonlinear fractional equation", and "Solution of ordinary linear differential equation using single and multistep numerical methods" are few to name which BS students have successfully completed in recent years.

Quality

The best quality check is the recognition of leading contemporaries. A good number of BS graduates secured admissions in leading universities which includes Oxford University, University of Illinois, University of Warrick, Cambridge University, North Dakota State University, etc., and successfully completed their MS and PhD degrees. The mathematics graduates of CIIT are also working at national organizations like PAEC, KRL, and SPARCO etc.

Exchange program

CIIT mathematics department has collaborations with international universities and offer exchange program for faculty and students. Presently there are two exchange programs for BS students, Mevlana exchange program (with Turkish Universities), IRP and EMMA (with German Universities).Under these programs, number of students after fourth semester

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are selected on the merit and spend one semester at collaborative international universities.

Scholarships

CIIT has taken initiative to offer 100-150 merit based scholarships per year (covering full tuition fee) for BS Mathematics at Islamabad campus and Lahore Campus. The primary objective is to attract number of good students towards Mathematics studies. This initiative is crucial for developing and fostering mathematics in the society and for its economic growth and sustainability as permission of CIIT.

Master of Mathematics: M.Sc (Math)

Entry Requirements

- B.A/B.Sc with Mathematics as major subject having minimum of 50% marks from an accredited educational institution without any third division (annual system) or D grade (semester system) in academic career
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum: 66 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Attock, Sahiwal

Program Information

An M.Sc degree in Mathematics will prepare students with suitable qualifications for jobs in the department of mathematics, statistics, actuarial sciences, mathematical modeling and cryptography; for teaching as well as for research studies leading to MS and further to PhD.

Mathematics is one of the most mature and well-developed disciplines of basic sciences. The study of Mathematics is not only exciting, but also important. Mathematicians have an opportunity to make a lasting contribution to society by helping to solve problems in diverse fields such as medicine, computer sciences, physics, psychology, engineering, management, economics, governance, and social sciences. Thus, it is a subject that can never lose its academic utility or professional value.

Rapid technological advances demand professionals who can lead in emerging disciplines. The need for improved development in the high-end technology areas including the industrial research and development work can hardly be over-emphasized. One of the main factors associated with this is the use of IT based techniques in teaching and research of mathematics and physics; and the Department of Mathematics takes responsibility to cope with these challenges.

Mathematics has such a wide variety of important applications which creates continuously increasing demand for well-trained mathematicians in many fields. It has relevance to fields of aerospace, oil exploration, electronics, weather prediction, management positions, teaching and research, accounting and financial analysis and defence related disciplines.

Our M.Sc degree in Mathematics envisages preparing students with suitable qualifications for related jobs for teaching, research and managerial positions.

Faculty Members for Department of Mathematics

Islamabad Campus

Professors

- Dr. Aftab Khan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Shamsul Qamar, PhD, Otto-von-Guericke University Magdeburg, Germany

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- Dr. Saleem Asghar, S.I., PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Aslam Noor, PhD, Brunel University London, UK
- Dr. Khalida Inayat Noor, PhD, University of Wales, Cardiff, UK
- Dr. Moiz-ud-Din Khan, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Akbar Azam, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Associate Professors

- Dr. Abdullah Shah , PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Shams-ul-Islam , PhD, Harbin Institute of Technology, China
- Dr. Mahmood ul Hassan, PhD, Brunel University London, UK
- Dr. Ishtiaq Ali, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China

Assistant Professors

- Dr. Sobia Sultana, PhD, Government College University, Lahore, Pakistan
- Dr. Abdul Shakoor, PhD, Chongqing University, China
- Dr. Fahad Munir Abbasi, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Amna Nazeer, PhD, Huazhong University of Science & Technology, China
- Dr. Bushra Malik, PhD, CIIT Islamabad, Pakistan
- Dr. Baber Ahmed, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Qasim, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Saeed Akram, PhD, Government College University, Lahore, Pakistan
- Dr. Imran Rashid, PhD, HRADEC KRALOVE University, Czech
- Dr. Rab Nawaz, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Mansoor Shaukat Khan, PhD, Beijing Institute of Technology, China
- Dr. Masood Anwar, PhD, National College of Business Administration and Economics (NCBA&E), Pakistan
- Dr. Qumar Hussain, PhD, CIIT Islamabad, Pakistan
- Dr. Muhammad Mushtaq, PhD, CIIT Islamabad, Pakistan
- Dr. Javeria Nawaz Abbasi, PhD, CIIT Islamabad, Pakistan
- Dr. Muhammad Fazeel Anwar , PhD, University of York, UK
- Dr. Muhammad Yousaf, PhD, CIIT Islamabad, Pakistan
- Dr. Manshoor Ahmed, PhD, CIIT Islamabad, Pakistan
- Dr. Saima Noreen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Hafiz Junaid Anjum, PhD, Cambridge University, UK
- Dr. Shahzad Munir, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Umer Farooq, PhD, Shanghai Jiao Tong University, China
- Dr. Saleem Ahmed, PhD, State University of New York, USA
- Dr. Muhammad Zaighum Zia, PhD, DAAD, Germany
- Dr. Muhammad Imran Qureshi, PhD, Oxford University, UK
- Dr. Muhammad Usman, PhD, King's College London, UK

- Dr. Sohail Iqbal, PhD, Warwick University, UK
- Dr. Sajjad Khan, PhD, Swansea University, Wales, UK
- Dr. Mairaj Bibi, PhD, Nottingham University, UK
- Dr. Saqlain Raza, PhD, Toulouse Institute of Technology, France
- Dr. Tazeen Athar , PhD, DAAD, Germany
- Dr. Farkhanda Ikhlaq Chohan, PhD, Kagoshina University, Japan
- Dr. Tanveer Akbar , PhD, University of Strasbroug, France
- Dr. Salman Amin Malik, PhD, Université de La Rochelle, France
- Dr. Saqib Zia, PhD, CIIT Islamabad, Pakistan
- Dr. Rabia Fayyaz, PhD, CIIT Islamabad, Pakistan

Besides, 39 Lecturers and 08 Research Associates are also associated with this department.

Lahore Campus

Associate Professors

- Dr. Kashif Ali, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Hussain, PhD, Government College University, Lahore, Pakistan
- Dr. Sarfraz Ahmad, PhD, Government College University, Lahore, Pakistan

Assistant Professors

- Dr. Syed Tahir Raza Rizvi, PhD, CIIT Lahore, Pakistan
- Dr. Imran Ahmad, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Faisal Nadeem, PhD, Government College University, Lahore, Pakistan
- Dr. Shamaila Rani, PhD, University of the Punjab, Lahore, Pakistan

- Dr. Hafiz M. Afzal Siddiqui, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Muhammad Zubair, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Abdul Jawad, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Saad Ihsan Butt, PhD, Government College University, Lahore, Pakistan
- Dr. Hani Shakir, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Younas, PhD, University of Groningen, Netherlands
- Dr. Sadia Arshad, PhD, Government College University, Lahore, Pakistan
- Dr. Sana Javed, PhD, Government College University, Lahore, Pakistan
- Dr. Tariq Javed Zia, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Hafiz Abdul Wajid, PhD, University of Strathclyde, Glasgow, UK
- Dr. Ayesha Sohail, PhD, University of Sheffield, UK
- Dr. Qurat-ul-Ain Azim, PhD, Imperial College London, UK
- Dr. Adeel Farooq, PhD, Queen Mary University of London, UK
- Dr. Kashif Nazar, PhD, University Technology Malaysia, Malaysia
- Dr. Rabia Saleem, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Sadia Khalid, PhD, Government College University, Lahore, Pakistan
- Dr. Mohsan Hassan, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Aqeel Ahmad Khan, PhD, The Islamia University of Bahawalpur, Pakistan

- Dr. Muhammad Yousaf, PhD, Norwegian University of Life Sciences, Norway

Besides, 03 non-PhD Assistant Professors, 04 Lecturers and 02 Research Associates are also associated with this department.

Abbottabad Campus

Advisors

- Dr. Mir Asadullah, PhD, University of Essex, UK
- Dr. Dost Muhammad Khan, PhD, University of Michigan, USA

Associate Professor

- Dr. Madad Khan, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Assistant Professors

- Dr. Raheem Gul, PhD, University of Berlin, Germany
- Dr. Ali Ahmad Farooq, PhD, Riphah International University, Islamabad, Pakistan
- Dr. Gholam Roqia, PhD, Government College University, Lahore, Pakistan
- Dr. Izaz Ullah Khan, PhD, University Technology Malaysia, Malaysia
- Dr. Zakir Hussain, PhD, University of Chinese Academy of Sciences, China
- Dr. Zahid Ahmad, PhD, University of The Punjab, Lahore, Pakistan
- Dr. Muhammad Zahid, PhD, Riphah International University Islamabad, Pakistan
- Dr. Muhammad Ayub, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Talat Nazir, PhD, Lahore University of Management Sciences, Lahore, Pakistan
- Dr. Abdul Sami Awan, PhD, Government College University Lahore, Pakistan

- Dr. Sultan Hussain, PhD, Government College University Lahore, Pakistan
- Dr. Usman Ashraf, PhD, Government College University Lahore, Pakistan
- Dr. Saima Noor, PhD, CIIT Islamabad, Pakistan
- Dr. Saqib Hussain, PhD, CIIT Islamabad, Pakistan
- Dr. Naheed Sajjad, PhD, Universite de Bretagne, France
- Dr. Anwar Zeb, PhD, University of Malakand, Pakistan
- Dr. Saeed ur Rahman, PhD, Norhtwestern Polytechnical University of China, China
- Dr. Saima Anis, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Besides, 06 non-PhD Assistant Professors, 16 Lecturers are also associated with this department.

Wah Campus

Advisor

- Dr. Munir Akhtar, PhD, University of Southampton, UK

Assistant Professors

- Dr. Akmal Javaid, PhD, Graduate University of Chinese Academy of Sciences, Beijing, China
- Dr. Muhammad Kamran, PhD, Government College University, Lahore, Pakistan
- Dr. Shabieh Farwa, PhD, University of Sheffield, UK
- Dr. Muhammad Rafiq, PhD, CIIT Islamabad, Pakistan
- Dr. Shabbir Ahmad, PhD, Zhejiang University, Hangzhou, China
- Dr. Sarfraz Nawaz Malik, PhD, CIIT Islamabad, Pakistan
- Dr. Adnan Jahangir, PhD, CIIT Islamabad, Pakistan

- Dr. Yasir Bashir, PhD, Government College University, Lahore, Pakistan
- Dr. Hafiz Obaid Ullah Mehmood, PhD, University Technology Petronas, Malaysia
- Dr. Nazeer Muhammad, PhD, Hanyang University, Korea
- Dr. Muhammad Bilal Ashraf, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. S.M. Jawwad Riaz, PhD, National University of Sciences and Technology, Islamabad, Pakistan

Besides, 01 non-PhD Assistant Professors, 08 Lecturers are also associated with this department.

Attock Campus

Assistant Professors

- Dr. Farooq Ahmad Shah, PhD, CIIT Islamabad, Pakistan
- Dr. Sadia Siddiqa, PhD, CIIT Abbottabad, Pakistan
- Dr. Aamir Ali, PhD, CIIT Islamabad, Pakistan
- Dr. Muhammad Zeb, PhD, CIIT Islamabad, Pakistan
- Dr. Atiq ur Rehman, PhD, Government College University, Lahore, Pakistan
- Dr. Sohail Ahmed, PhD, Government College University, Lahore, Pakistan
- Dr. Ghulam Farid, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Awais, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Shafique ur Rehman, PhD, Government College University, Faisalabad, Pakistan
- Dr. Abdul Qadir Baig, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Ozair, PhD, National University of Sciences and Technology, Islamabad, Pakistan

- Dr. Asif Waheed, PhD, CIIT Islamabad, Pakistan
- Dr. Muhammad Numan, PhD, Government College University, Lahore, Pakistan
- Dr. Shahab ud Din, PhD, University of Chinese Academy of Sciences, China
- Dr. Muhammad Shoaib, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Muhammad Usman Ali, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Ali Imran, PhD, National University of Sciences and Technology, Islamabad, Pakistan

Besides, 4 Lecturers are also working in this department.

Sahiwal Campus

Principal Research Officer

- Dr. Muhammad Asad Meraj, PhD, Karl-Franzens-Universitat, Graz, Austria

Assistant Professors

- Dr. Manzoor Ahmad Zahid, PhD, Tilburg University, Netherlands
- Dr. Muhammad Raza, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Muhammad Naeem, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Sadiq, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Shahid Qaisar, PhD, Chongqing University, China
- Dr. Najma Abdul Rehman, PhD, Government College University, Lahore, Pakistan
- Dr. Sabir Ali Shehzad, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. M. Kamran Siddiqui, PhD, Government College University, Lahore, Pakistan

- Dr. Misbah Arshad, PhD, Government College University, Lahore, Pakistan
- Dr. Rida Irfan, PhD, Government College University, Lahore, Pakistan
- Dr. Asma, PhD, Government College University, Lahore, Pakistan
- Dr. Sami Ullah Khan, PhD, International Islamic University, Islamabad, Pakistan

Besides, 01 non-PhD Assistant Professors, 07 Lecturers are also associated with the department.

Department of Physics

Department of Physics at CIIT is one of the best departments with excellent facilities, state of the art laboratories and internationally recognized faculty. It was established in 2002 at Islamabad and started its programs for the first time in Fall 2003 with a four-year BS degree program in Electronics. The Department is rapidly expanding and aspires to excel in the formal instruction of Physics internationally. The department at Lahore campus was established in 2007 and started a four-year BS degree program in Physics. The Department of Physics offers competitive degrees in rapidly expanding areas of study. Our strong faculty

and excellent facilities ensure that students have a solid technical grasp on their subjects to apply this knowledge in practical work settings. Our invaluable linkages with national and international universities and organizations help us keep up-to-date with new policy trends and job market facilitation incentives being unrolled by the government and private sectors.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Physics:

Bachelor of Science in Electronics: BS (Elec)

Entry Requirements

- Intermediate with Physics and Mathematics or equivalent with minimum of 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 138 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Islamabad

Program Information

Bachelor of Science in Electronics program is launched with emphasis placed on producing scientists in the field of Physical Electronics. The program trains students in the art of Electronics with reference to Physics and gives them an insight into the working of devices and integrated circuits. Students start working on their own projects as early as the fourth semester. The different specializations

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offered include Communications, Control Electronics (industrial), and Microelectronics.

Bachelor of Science in Physics: BS (Phy)

Entry Requirements

- Intermediate (FSc/A levels) with Physics or equivalent with minimum of 50% marks, from an accredited institution. Pre-medical students may be admitted provisionally and they must pass the specified non-credit additional mathematics course in 1st or 2nd semester of their studies at CIIT.
- Valid NTS test score as per CIIT policy.

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 137 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Lahore

Program Information

Bachelor of Science in Physics program is designed to train and equip students with the latest developments associated with Physics and its allied technologies. The program pays special attention to work out the fundamental concepts in quantum mechanics, statistical mechanics and electro dynamics. In the final year students will have the option for electives in a number of available areas like micro and nanotechnologies (electronics and optoelectronics), materials science, high energy physics, radiation physics, quantum optics and informatics. The graduates will readily be employed by R&D organizations, and teaching institutions, and for higher studies.

Faculty Members for Department of Mathematics

Islamabad Campus

Professors

- Dr. Ishaq Ahmad, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Mahnaz Qader Haseeb , PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rafaqat Hussain, PhD, University College London, UK
- Dr. Sajid Qamar, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Arshad Saleem Bhatti, T.I., PhD, Cambridge University, UK

Research Fellow

- Dr. Mohsin Rafique, PhD, CIIT Islamabad, Pakistan

Advisors

- Dr. Muhammad Aslam Khan, PhD, HULL University, UK
- Dr. Mais Suleynanov, PhD, Joint Insititute for Nuclear Research (JINR), Dubna, Moscow, Russia
- Dr. M. Zafar Iqbal, PhD, Manchester University, UK
- Dr. Hameed Ahmed Khan, PhD, Birmingham University, UK
- Dr. Javaid Anwar , PhD, Quaid-i-Azam University, Islamabad, Pakistan

Associate Professors

- Dr. Sadia Manzoor, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Ahmer Naweed, PhD, University of Massachuesseitis, USA
- Dr. Khusniddin Olimov, PhD, Uzbekistan Academy of Sciences, Uzbekistan
- Dr. Fazal Ghafoor , PhD, Quaid-i-Azam University, Islamabad, Pakistan

- Dr. Muhammad Anis-ur-Rehman, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Farida P. Tahir , PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Ashfaq Hussain Khosa, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Nazar Abbas Shah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Najeeb-ur-Rehman , PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Fakhar ul Inam, PhD, Ohio State University, USA
- Dr. Waqas Masood, PhD, University of London, UK
- Dr. Najeeb-ur-Rehman , PhD, Malardalen University, Vasteras, Sweden
- Dr. Siraj-ul-Islam, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Altaf Karim, PhD, Kansas State University, USA

Assistant Professors

- Dr. Muhammad Rashid, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Jaweria Ambreen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Ramzan Ullah, PhD, Shanghai University, China
- Dr. Syed Rizwan Hussain, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Khurram Mehboob, PhD, Harbin Institute of Technology, China
- Dr. Safi Ullah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Sameena Shah Zaman, PhD, University of Vienna, Austria
- Dr. Salman Khan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Asghari Gul, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Kamran, PhD, University of Innsbruck, Austria
- Dr. Farrukh Shahzad, PhD, Karl-Franzens-Universitat, Graz, Austria
- Dr. Abid Hasan Mujtaba, PhD, Texas A&M University, USA
- Dr. Ahsan Illahi, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Saira Arif, PhD, University of Vienna, Austria
- Dr. Sana Sabahat, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Azeem Mir, PhD, CIIT Islamabad, Pakistan
- Dr. Ijaz Ahmed, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Zahid Imran, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Kamran Rasool, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Syeda Sitwat Batool, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Shahid Mehmood, PhD, CIIT Islamabad, Pakistan
- Dr. Fazal Badshah, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Shahzad Hussain, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Anwar Hussain, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan

- Dr. Mushtaq Ahmad, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Muhammad Abdul Latif, PhD, University of Groningen, Netherlands
- Dr. Shumaila Karamat, PhD, Nanyang Technical University, Singapore
- Dr. Waqas Khalid, PhD, Philipps Universitat, Marburg, Philippines
- Dr. Junaid Ali, PhD, Jeju National University, South Korea
- Dr. Uzma Tabassam, PhD, University of Camerino, Italy
- Dr. Lubna Tabassam, PhD, University of Camerino, Italy
- Dr. Mushtaq Ali, PhD, University of Camerino, Italy
- Dr. Muhammad Hannan Younis, PhD, INFN - National Institute of Nuclear Physics, Italy
- Dr. Yasir Ali, PhD, Jagiellonian University Poland, Poland
- Dr. Asif Iqbal Zia, PhD, Massey University, New Zealand
- Dr. Waqar Ahmed, PhD, University of Twentte, Netherlands
- Dr. Muhammad Irfan Memon , PhD, University of Bristol, UK
- Dr. Mubarak Ali, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Qaiser Waheed, PhD, KTH Royal Institute of Technology, Sweden
- Dr. Javed Akram, PhD, Freie Universitat Berlin, Germany
- Dr. Faheel Ather Hashmi, PhD, Universite Paul Sabatier, France
- Dr. Ayesha Jamil, PhD, Cambridge University, UK

- Dr. Muhammad Sohail Amjad, PhD, University of Paris, France
- Dr. Muhammad Waseem, PhD, Birmingham University, UK
- Dr. Hajrah Tabassum, PhD, Edinburgh University, UK
- Dr. Shams-ur-Rehman, PhD, Oxford University, UK
- Dr. Javeed Akhtar, PhD, Manchester University, UK
- Dr. Muhammad Umair Hassan, PhD, Cambridge University, UK
- Dr. Uzma Khalique, PhD, Eindhoven University of Technology, Netherlands
- Dr. Zulfiqar Ali Umrani, PhD, Université de Nantes, France
- Dr. Awais Ali, PhD, CIIT Islamabad, Pakistan
- Dr. Hira Siddiqui, PhD, University of Munster, Germany

Besides, 13 Lecturers, 17 Research Associates and 6 Lab Engineers are also working in this department.

Lahore Campus

Associate Professors

- Dr. Muhammad Ashfaq Ahmad, PhD, Harbin Institute of Technology, China
- Dr. Muhammad Asif, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China

Assistant Professors

- Dr. Nosheen Akbar, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Muhammad Fraz Bashir, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Hammad Aziz, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Muhammad Yasir Rafique, PhD, University of Science and Technology, Beijing, China

- Dr. Amna Mir, PhD, Beijing University of Posts Telecommunication, China
- Dr. Saif-ur-Rehman, PhD, Mohammed V University, Agdal, Rabat, Morocco
- Dr. Mukhtar Ahmed, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Ghazanfar Abbas, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Muhammad Saleem, PhD, Chongqing University, China
- Dr. Muhammad Jamil, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Idrees, PhD, Pakistan Institute of Engineering and Applied Sciences, Nilore, Islamabad, Pakistan
- Dr. Muhammad Naveed Aslam, PhD, Government College University, Lahore, Pakistan
- Dr. Akbar Ali, PhD, Ripha International University, Pakistan
- Dr. Naima Amin, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Muhammad Junaid Amjad, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Rizwan Raza, PhD, KTH Royal Institute of Technology, Sweden
- Dr. Zahida Ehsan, PhD, University of Leuven-Katholieke Universiteit Leuven, Belgium
- Dr. Ishrat Sultana, PhD, Sungkyunkwan University, Korea
- Dr. Abdul Sattar, PhD, University of Canterbury, New Zealand
- Dr. Muhammad Imran, PhD, University Technology Malaysia, Malaysia
- Dr. Nadeem Akram, PhD, Stockholm University, Sweden

- Dr. Arslan Usman, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Muhammad Amir Razzaq, PhD, Uppsala University, Uppsala, Sweden
- Dr. Salman Naeem Khan, PhD, Zhejiang University, China
- Dr. Ayesha Anjum, PhD, Universite Paul Sabatier, France
- Dr. Ayesha Jamil, PhD, University of Cambridge, UK
- Dr. Hasan Mahmood, PhD, State University of New York, USA
- Dr. Farah Alvi, PhD, University of South Florida, USA
- Dr. Shabana Nisar, PhD, Syracuse University, USA
- Dr. Muhammad Asif, PhD, Linkopings University, Sweden
- Dr. Muhammad Ajmal Khan, PhD, Bahauddin Zakariya University, Multan, Pakistan

Besides, 02 non-PhD Assistant Professors, 06 Lecturers and 01 Research Associates are also associated with this department.

Department of Biosciences

Scientific inventions and discoveries have changed the way mankind lives in the modern world. Technological advancements have made our lives completely different compared to how our ancestors lived. The most vital area of advancements is the field of bioscience. Bioscience has really helped in improving the majority of the population's general health. This is all attributed to bioscience research, which has made tremendous improvements in the health industry. Diseases that were impossible to cure are now curable through cloning, genetic engineering, radiotherapy and chemotherapy technologies. These advancements have opened doors for better living and new career opportunities.

Therefore, it is a growing requirement to continue and practice training of the scientists and researchers in the rapidly evolving disciplines of Microbiology/Immunology, Molecular Biology/Biochemistry, Molecular Genetics, Developmental Biology, Molecular Virology and Bioinformatics. CIIT took the initiative by establishing the Biosciences Department in 2003, and introduced

a 4 year degree program in Bioinformatics at Islamabad; later another undergraduate degree program in Biosciences was introduced from year 2007. CIIT, in this regard, was the first institution to offer such programs in and around Islamabad.

The Department of Biosciences has gathered different interdisciplinary/inter-departmental groups comprising life scientists, computer scientists, mathematicians and statisticians, management scientists and humanities professors who collectively take part in the teaching and training programs leading to the degrees in Bioinformatics and Biosciences.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Biosciences:

Bachelor of Science in Bioinformatics: BS (BI)

Entry Requirements

- Intermediate with Pre-Medical, Pre-Engineering, ICS or equivalent with minimum of 50% marks, from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 139 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Sahiwal

Program Information

Bachelor of Science in Bioinformatics prepares professionals having the breadth of knowledge and skills required for a career in the area of science combining the latest developments in Informatics, Computer Sciences, Functional Genomics, Bimolecular Structures, Proteomics, Cell Metabolism, Biodiversity, Drug and Vaccine Design etc.

It aims to produce professionals with a broad understanding of the molecular processes of life, expression and control of genes, tools used to map and sequence genomes, application of statistical tests of significance, design and use of Informatics techniques with an emphasis on the organization and display interrogation of complex data.

Bachelor of Science in Biosciences: BS (BS)

Entry Requirements

- Intermediate with Pre-Medical or equivalent with minimum of 50% marks, from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Islamabad

Program Information

CIIT is the pioneer Institution in launching BS Biosciences program in 2007 at its Islamabad Campus. The program perfectly aligns with the graduate study programs being offered by Biosciences Department including MS and PhD. Career opportunities for graduates of this program include the pharmaceutical and biotechnological companies and leading research institutes and universities, together in future mega projects like Center of Excellence in Microbial Genomics, National Center for Proteomics and National Center for Bioinformatics. Further, all pharmaceutical and major biotechnology companies have internal bioinformatics capabilities and programs, especially if they have significant genomics efforts underway. The rapid rise in the Bioinformatics market is driven in part by strategic alliances between companies that have a genomics, pharmacogenomics, or biochip focus.

Our graduates can pursue their career in various domains of public and private sectors such as Health, Agriculture, Genomics, Biotechnology, Information Technology, Energy and Education. The graduating students will be absorbed in private/ government organizations. There would be a great demand for graduates in biotechnologies, such as Health biotechnology, Agriculture biotechnology, and Industrial biotechnology. Our graduates will have prospects of immediate employment in health and agriculture sectors among others.

Faculty Members at Department of Biosciences

Islamabad Campus

Professors

- Dr. Raheel Qamar, T.I., Dean, Research, Innovation and Commercialization (RIC), PhD University of North Texas, USA
- Dr. Syed Habib Bokhari, PhD, University of Glasgow, UK
- Dr. Mahmood A. Kayani, PhD, University of Wales, Swansea, UK
- Dr. Muhammad Arshad Rafiq, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Advisor

- Dr. Fauzia Yusuf Hafeez, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Associate Professors

- Dr. Ijaz Ali, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Qaiser Fatmi, PhD, University of Innsbruck, Austria
- Dr. Mustafa Nawaz Shafqat, PhD, Kansas State University, USA
- Dr. Syed Muhammad Nurulain, PhD, Semmelweis University, Budapest, Hungary

Assistant Professors

- Dr. Shabbar Abbas, PhD, Jiangnan University, China

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- Dr. Syed Ali Musstjab Akber Shah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Zertashia Akram, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Syed Kamran Ul Hassan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Sabir Hussain, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Farha Masood, PhD, Quaid i Azam University, Islamabad, Pakistan
- Dr. Muhammad Jadoon Khan, PhD, Graz University of Technology, Austria
- Dr. Kaleem Imdad, PhD, Beijing Institute of Technology, China
- Dr. Nazish Bostan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Saleem Ahmed Bokhari, PhD, Tsinghua University, China
- Dr. Saqib Mumtaz, PhD, Charles Darwin University, Australia
- Dr. Zahid Munir, PhD, Medical University of Vienna, Austria
- Dr. Aamira Tariq, PhD, University of Vienna, Austria
- Dr. Saima Feroz, PhD, University of Vienna, Austria
- Dr. Muhammad Saeed, PhD, University of Innsbruck, Austria
- Dr. Hamid Ali, PhD, University of Karachi, Pakistan
- Dr. Zahra Jabeen, PhD, Zhejiang University, China
- Dr. Shahzad Irfan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Humaira Shaheen, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Humaira Yasmin, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Kifayat Ullah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Fariha Khan, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Syeda Hafiza Beenish Ali, PhD, CIIT Islamabad, Pakistan
- Dr. Nazneen Bangash, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Zehra Agha, PhD, CIIT Islamabad, Pakistan
- Dr. Sumaira Farrakh, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rabia Naz, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Kiran Munir, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rabia Habib, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Asif Gondal, PhD, University of Karachi, Pakistan
- Dr. Naseer Ali Shah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Zeeshan Hyder, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Muhammad Faraz Arshad Malik, PhD, CIIT Islamabad, Pakistan
- Dr. Maleeha Azam, PhD, CIIT Islamabad, Pakistan
- Dr. Waseem Haider, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Asia Nosheen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Zahid-ur-Rehman , PhD, Massey University, New Zealand
- Dr. Naseer Iqbal, PhD, University of Vienna, Austria
- Dr. Abdul Rauf Siddiqi, PhD, Paris Descartes University, France

- Dr. Sundus Javed, PhD, Technical University Munich, Germany
- Dr. Saadia Naseem, PhD, University of Hanover, Germany
- Dr. Zahid Ali, PhD, University of Hanover, Germany
- Dr. Neelam Akram, PhD, Linnaeus University, Sweden
- Dr. Alamdar Hussain Baloch , PhD, Karolinska Institute, Sweden
- Dr. Asghar Shabbir, PhD, University of Strasbroug, France
- Dr. Sadia Sattar, PhD, University Palmerton, New Zealand
- Dr. Abdullah Bilal Ahmed, PhD, Université Montpellier 2, France
- Dr. Muhammad Faheem, PhD, King Abdulaziz University, Saudi Arabia
- Dr. Abid Ali Khan, PhD, University of the Basque Country, Spain
- Dr. Farhan Haq, PhD, Gachon University, Korea
- Dr. Muhammad Mudassar Akram, PhD, Korea Advanced Institute of Science and Technology, Korea
- Dr. Asma Amjad, PhD, The International School for Advanced Studies, Italy
- Dr. Pasha Ghazal, PhD, University of Camerino, Italy
- Dr. Irfan Sadiq, PhD, Pisa University, Italy
- Dr. Anwar Ullah, PhD, Universidade de Estadual Paulista, Portugal
- Dr. Syed Muhammad Usman Shah, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Rumana Keyani, PhD, Edinburgh University, UK
- Dr. Aisha Naeem, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Malik Nadeem Akhtar, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Arshan Nasir, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Muhammad Jawad Khan, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Haji Akbar, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Muhammad Imran, PhD, INPL - ENSAIA - LIBio, Nancy, France
- Dr. Sajida Batool, PhD, University of Nottingham, UK
- Dr. Fazeelat Karamat, PhD, Lorraine University, Nancy France, France
- Dr. Faheem Ahmad, PhD, Queensland University, UK
- Dr. Ramla Shahid, PhD, Cambridge University, UK
- Dr. Nazia Bibi, PhD, University College London, UK
- Dr. Muhammad Inam Afzal, PhD, University of Lorraine, France
- Dr. Syed Tahir Abbas Shah, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Tayyaba Yasmin, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Muhammad Umer, PhD, Imperial College London, UK
- Dr. Fahed Parvaiz, NUST, Islambad, Pakistan
- Dr. Ayesha Tahir, PhD, Clermont Ferrand University, France
- Dr. Muhammad Nadeem Hassan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Haroon Ahmed, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Muhammad Ajmal, PhD, Redboud University, Netherlands

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Besides, 09 Lecturers and Research Associates are also part of this department.

Sahiwal Campus

Professor

- Dr. Hamid Rashid, PhD, Tohoku University, Japan

Associate Professor

- Dr. Ahmad Ali, PhD, University of Bristol, UK

Assistant Professors

- Dr. Shazia Mannan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Ibrahim, PhD, Zhejiang University, China
- Dr. Abrar Hussain, PhD, Swedish University of Agriculture Sciences - Sveriges Lantbruks Universitet, Sweden
- Dr. Awais Ihsan, PhD, Huazhong Agriculture University, China
- Dr. Asim Mehmood, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Qudsia Yousafi, PhD, University of Sargodha, Pakistan
- Dr. Shahzad Saleem, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Wasim Sajid, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Farrukh Jamil, PhD, Center for Chemical Biology, Universiti Sains, Malaysia
- Dr. Sumaira Kanwal, PhD, Kongju National University, Korea
- Dr. Hassan Riaz, PhD, Huazhong Agriculture University, China
- Dr. Muhammad Shafiq Shahid, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Besides, 03 Lecturers and 02 Research Associates are also associated with the department.

Department of Environmental Sciences

Department of Environmental Sciences at CIIT was established in 2004 and has now become a hub for interdisciplinary undergraduate studies, innovative research development, graduate studies and advocacy on environmental issues. The Department has highly qualified faculty with major focus areas of research and development include environmental technologies, climate change and ecosystem, renewable energy, sustainable agriculture and natural resources, sanitation and public health.

The Department of Environmental Sciences at CIIT is playing an important role to inspire a lifelong commitment to the earth for environmental

responsibilities through research and education that is essential to understand and improve the environment at local, regional and global level.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Environmental Sciences:

Bachelor of Science in Environmental Sciences: BS (ES)

Entry Requirements

- Intermediate with science or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 135 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Abbottabad, Vehari

Program Information

Bachelor of Science in Environmental Sciences program is designed to meet the demand for professionals, capable of performing tasks such as sample collection, monitoring, data management, instrumentation, calibration, operation and maintenance etc. The department's teaching and research has been inculcating dynamic studies of Environmental Sciences which prepare graduates to work in a wide array of positions for environmental engineering and consultancy firms, environmental laboratories and other organizations. This program is devised according to the needs of relevant organisations, industry and institutions.

Bachelor of Science in Biotechnology: BS (BTY)

Entry Requirements

- Intermediate with science or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Bachelor of Science in Biotechnology program has been launched at CIIT with the aim to provide the trained human resource in rapidly expanding filed of biotechnology. The graduates and researchers produced would be available to the institutions involved in biotechnology teaching, research, production and services. The agriculture, health, education, and industry sectors will particularly be benefited as the graduates produced will be instrumental in enhancing efficiency and productivity of institutions belonging to these sectors. Some of the potential employers are private and public sector universities, colleges and research canters, government institutions, industries including pharmaceutical, food and beverages and several other international organizations.

Faculty Members at Department of Environmental Sciences

Abbottabad Campus

Professors

- Dr. Kh. Farooq Ahmad, PhD, University of Newcastle, UK
- Dr. Muhammad Irshad, PhD, Tottori University, Japan

- Dr. Arshid Parvez, PhD, University of Bradford, UK
- Dr. Muhammad Maroof Shah, PhD, University of Nebraska-Lincoln, USA

Advisors

- Dr. Iftikhar Ahmed Raja, PhD, University of Strathclyde, Glasgow, UK
- Dr. Kiramat Khan, PhD, University of Nebraska-Lincoln, USA

Associate Professors

- Dr. Qaisar Mehmood T.I., PhD, Zhejiang University, Hangzhon, China
- Dr. Amjad Hassan, PhD, NIIGATA University, Japan
- Dr. Raza Ahmad, PhD, Korea Advanced Institute of Science and Technology, Korea
- Dr. Farid Ullah, PhD, Tottori University, Japan

Assistant Professors

- Dr. Akhtar Iqbal, PhD, University of Rems France, France
- Dr. Abdul Rehman Khan, PhD, University deparis Diderot paris, France
- Dr. Arshad Mehmood, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Abdul Nazir, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Khalid Ahmad, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Ismat Nawaz, PhD, Vrije University, Amsterdam, Netherland
- Dr. Usman Irshad, PhD, Superior Institute of Agronomy, Montpell, France
- Dr. Ayesha Baig, PhD, University of Californa Riversine, USA
- Dr. Shahid Masood Shah, PhD, Pakistan Institute of Engineering & Applied Sciences, Nilore, Islamabad, Pakistan

- Dr. Sidra Rehman, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Wajiha Khan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Fazli Wahid, PhD, Kyungpook National University, Korea
- Dr. Irum Shahzadi, PhD, CIIT Abbottabad, Pakistan
- Dr. Malik Tahir Hayat, PhD, Zhejiang University, China
- Dr. Sabaz Ali Khan, PhD, Wageningen University, Netherland
- Dr. Rashid Nazir, PhD, University of Groningen, Netherlands
- Dr. Sarfraz Shafiq, PhD, University De Strasourg, France
- Dr. Bilal Ahmad Zafar Amin, PhD, University of Reims, France
- Dr. Farhan Hafeez, PhD, University of Dijon, France, France
- Dr. Adnan Ahmad Tahir, PhD, University of Montpelier 2, France
- Dr. Rafiq Ahmad, PhD, University of Paris-Est Creteil, France
- Dr. Zulfiqar Ahmad Bhatti, PhD, CIIT Abbottabad, Pakistan
- Dr. Syed Tatheer Alam Naqvi, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Jamshaid Hussain, PhD, University of Verona, Italy
- Dr. Muhammad Shahzad, PhD, Albrechts-Universität zu Kiel, Germany
- Dr. Maria Siddique, PhD, CIIT Abbottabad, Pakistan
- Dr. Muhammad Bilal, PhD, Agrocampus Ouest, Rennes, France

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- Dr. Romana Afzal, PhD, Kyungpook National University, South Korea
- Dr. Asim Yaqub, PhD, University Technology Petronas, Malaysia
- Dr. Nadia Riaz, PhD, University Technology Petronas, Malaysia
- Dr. Sajid Hussain Shah, PhD, University Technology Petronas, Malaysia
- Dr. Shamyla Nawazish, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Javid Iqbal, PhD, University of Agricultue, Faisalabad, Pakistan
- Dr. Humaira Ayub, PhD, CIIT Islamabad, Pakistan
- Dr. Nosheen Mirza, CIIT Abbottabad, Pakistan
- Dr Yusra Pervaiz Ashraf, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Yasar Sajjad, PhD, University of Agriculture, Faisalabad, Pakistan

Besides, 01 non-PhD Assistant Professor, 06 Lecturers and 06 Research Associates are also associated with this department.

Vehari Campus

Assistant Professors

- Dr. Muhammad Shahid, PhD, INP ENSAT Toulouse, France
- Dr. Wajid Naseem, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Rashad Javeed, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Nadeem Sharif, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Naveed Ahmed, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Mazhar Ali, PhD, University of Agriculture, Faisalabad, Pakistan

- Dr. Muhammad Mubeen, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Sajjad, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Amjad Farooq, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Hafiz M. Mohkum Hammad, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Behzad Murtaza, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Samina Khalid, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Akram, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Iftikhar, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Amjad, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Sajjad Ahmad, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Nasir Masood, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Faiz Rabbani, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Abu Bakr Umer Farooq, PhD, Huazhong Agriculture University, China
- Dr. Muhammad Tahir, PhD, Pakistan Institute of Engineering & Applied Sciences, Nilore, Islamabad, Pakistan
- Dr. Saeed Ahmad Qaisrani, PhD, University of Sydney, Australia
- Dr. Muhammad Nadeem, PhD, Sciences & Environmental Graduate School, Universite Bordeaux, France
- Dr. Muhammad Farhan Saeed, PhD, University of Kassel, Germany

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- Dr. Hafiz Faiq Siddique Gul Bakhat, PhD, Justus Liebig University Giessen, Germany

- Dr. Muhammad Zakir Ali, PhD, Swedish University of Agriculture Sciences - Sveriges Lantbruks University, Sweden

- Dr. Muhammad Imran, PhD, Utrecht University, Netherlands

- Dr. Ghulam Mustafa Shah, PhD, Wageningen University, Netherlands

- Dr. Muhammad Imtiaz Rashid, PhD, Wageningen University, Netherlands

- Dr. Ghulam Abbas, PhD, University of Agriculture, Faisalabad, Pakistan

- Dr. Noor Samad Shah, PhD, University of Peshawar, Pakistan

- Dr. Muhammad Asif Naeem, PhD, University of Agriculture, Faisalabad, Pakistan

- Dr. Muhammad Shafique Khalid, PhD, University of Agriculture, Faisalabad, Pakistan

- Dr. Zia-ul-Haq Khan, PhD, Beijing University of Chemical Technology, China

Besides, 08 Research Associates are also associated with the department.

Department of Pharmacy

The Department of Pharmacy at CIIT is dedicated to educate future pharmacists and scientists and provide professional development opportunities locally and nationally to practicing pharmacists. All of our programs are driven by our mission to enhance the quality of life for the local people and the global community through improved health. According to WHO there is a dire need of Pharmacy professional worldwide, particularly in the third world countries and as per their recommendations for the current population of Pakistan, there is need of 90,000 Pharmacists.

Resultantly, a huge demand for more professional pharmacists, not only for the country, but also in the world exists. The Department of Pharmacy at CIIT Abbottabad Campus is playing an active role to cater the national health care needs through a broad-based higher and professional education of pharmacy. In order to deliver quality education in the field of pharmaceutical sciences, the department has

services of internationally qualified faculty and has established state of the art laboratories.

Academic Programs Offered

Following undergraduate program is being offered by the Department of Pharmacy:

Doctor of Pharmacy (Pharm-D)

Entry Requirements

- Intermediate with pre-medical group or equivalent with minimum of 60% marks from an accredited institution
- Valid NTS test score as per CIIT policy

Duration

- Minimum: 10 Semesters; 5 years
- Maximum: 15 Semesters; 7.5 years

Credit Hours Requirements

- Minimum 199 Cr. Hrs.

Offering Semester

- Fall only

Offering Campus

- Abbottabad

Program Information

Doctor of Pharmacy (Pharm-D) is a professional degree program that prepares students for careers as pharmacists in a variety of practice settings. Pharm-D is a five years degree program (ten semesters) with minimum 198 credit hours and clerkship in the clinical setting. The curriculum approved by HEC and Pakistan Pharmacy Council provides an appropriate balance of coursework in biomedical sciences (basic and clinical), pharmaceutical sciences, administrative pharmacy sciences and pharmacy practice. The goal of the curriculum is to train students to be life-long learners who can provide pharmaceutical care in a variety of health care settings including the community, medical institutions, health care facilities, research and development organizations and the pharmaceutical industry as well as for future graduate or professional study. Career opportunities for pharmacists include employment at community pharmacies, hospitals, long-term care, home health, public health, veterinary medicine, drug research and development, academia, and community medical clinics.

Faculty Members at Department of Pharmacy

Abbottabad Campus

Advisor

- Dr. Qazi Najam us Saqib, PhD, Purdue University, USA

Professors

- Dr. Nisar ur Rahman, PhD, Universiti Sains Malaysia, Malaysia
- Dr. Jamshed Iqbal, PhD, University of Bonn, Germany
- Dr. Taous Khan, PhD, Kyungpook National University, North Korea

Associate Professor

- Dr. Abdul Jabbar Shah, PhD, University of Karachi, Pakistan

Assistant Professors

- Dr. Muhammad Hassham Hassan Bin Asad, PhD, CIIT Abbottabad, Pakistan
- Dr. Zia Ur Rahman, PhD, University of Karachi, Pakistan
- Dr. Nabi Shah, PhD, University of Karachi, Pakistan
- Dr. Ghulam Murtaza, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Muhammad Sohail, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Muhammad Imran Amirzada, PhD, Jiangnan University, China
- Dr. Atif Ali, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Wajahat Mehmood, PhD, Charles Darwin University, Australia
- Dr. Khalid Rauf, PhD, University of Peshawar, Pakistan
- Dr. Shujaat Ali Khan, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Muhammad Arfat Yameen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Saira Azhar, PhD, Universiti Sains Malaysia, Malaysia
- Dr. Nighat Fatima, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Yasser M.S.A Al- Kahraman, PhD, University of Baluchistan, Pakistan

Besides, 05 non-PhD Assistant Professors, 08 Lecturers and 09 Research Associates are also part of this department.

Life Sciences Service Center

Associate Professor

- Dr. Abdul Mannan, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Besides, 01 Technologist and 02 Research Associates are also part of this sub-department.

Department of Earth Sciences

The Earth Sciences program was initiated in Fall 2008, followed by the establishment of the Department of Earth Sciences in 2011. CIIT Abbottabad campus being at special geographic location with proximity of the Himalayas, Karakoram, and Hindukush, provides students an opportunity to learn about the Earth and the geological processes in a real-time mountainous setting. It also provides students the opportunity for outdoor academic learning and research that combines field work and laboratory techniques with a focus on applied Geology and applied Geophysics (Petroleum Geology, Engineering Geology, Environmental Geology, Hydrogeology, Structural Geology/Tectonics, Economic Geology and Sedimentology).

The unique location of campus provides easy access in close proximity to most diversified set of geological features which include igneous, metamorphic, and sedimentary rocks ranging in age from Precambrian (800 million years) to recent, seismically active faults and their offshoots, a variety of mineral and gemstone deposits, and geomorphologic features.

Bachelor of Science in Earth Sciences: BS (ERS)

Entry Requirements

1. **For Applied Geology Major:**

- F.Sc or equivalent qualification from an accredited institution with atleast 50% marks OR

Diploma in Electrical, Mechanical or Civil Technology from an accredited Polytechnic Institute or College of Technology with 50% marks

- Valid NTS test score as per CIIT policy

2. **For Applied Geophysics Major:**

- F.Scor equivalent qualification with Mathematics from an accredited institution with atleast 50% marks OR Diploma in Electrical, Mechanical or Civil Technology from an accredited Polytechnic Institute or College of Technology with 50% marks

- Valid NTS test score as per CIIT policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Bachelor of Science in Earth Sciences program is designed to provide a solid foundation in the fields of geology and geophysics, and prepares students for relevant industry, exploration (petroleum and minerals), government organizations, overseas job market, business and higher education. The program fulfils the demand for professionals capable of performing tasks in petroleum exploration, engineering, mining, economic geology, and geohazards/environmental concerns.

Faculty Members at Department of Earth Sciences.

Abbottabad Campus

Professors

• Dr. Mohammad Arif, PhD, University of Leicester Englang, UK

• Dr. Ishtiaq Ahmad Khan, PhD, Oregon State University, USA

Advisors

• Dr. Muhammad Raza Shah, PhD, University of Peshawar, Pakistan

• Dr. Muhammad Zahid Khan, PhD, University of Leicester, UK

Associate Professors

• Dr. Muhammad Umar, PhD, University of Balochistan, Pakistan

• Dr. Muhammad Amjad Sabir, PhD, University of Peshawar, Pakistan

Principal Scientific Officer

• Dr. Wazir Khan, PhD, University of Lowa, USA

Assistant Professors

• Dr. Said Muhammad, PhD, University of Peshawar, Pakistan

• Dr. Muhammad Farooq, PhD, Chonbuk National University Jeonju, Korea

Besides, 01 Non-Ph.D Assistant, 20 Lecturers and 01 Research Associate is associated with the department.

Faculty of **Architecture and Design**

The Department of Architecture falls under the Faculty of Architecture and Design.

Department of Architecture

The Department of Architecture at Islamabad Campus was launched in 2005, followed by its counterpart at Lahore Campus in 2007, with the aim of offering world-class quality education in the fields of art and design and architecture. By having perceptiveness for synergizing with critical thinkers and subject specialists, the faculty profile of the Department aspires to reflect a team having rich diversity of fresh and innovative ideas that can constitute attractive curriculum ensuring publishable and publicize-able work by the faculty and students. To achieve the set goal, the Department gives priority to attracting and keeping prized faculty members whose profile balances established academic credentials with a strong research and publication focus.

The Department of Architecture realizes that the

end-product of all efforts is its graduates and their work. To make academic programs at the Department qualitatively more appealing in a pursuit for attracting more informed students having substantiate-able interest for becoming sensitive, skilful and thinking artists, designers, and architects. The vision of the Department seeks to ensure high competitiveness at all levels; admissions, pedagogy, and faculty; to earn reputation for academic and intellectual independence by reiterating three necessary points:

(i) Implementation of the concept of "Liberal Education",

(ii) Development of "Intellectual Abilities", and

(iii) Greater "Flexibility and Choice".

By having a metaphoric openness for and from the contextual normality, the vision of the Department endeavours to develop critical reflections that conciliate with the academic expectations for:

(a) Tackling indigenous/local needs,

(b) Exposing students to national/international contexts and field experiences, and

(c) Coming up with real strategies for real issues.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Architecture:

Bachelor of Architecture: B. Arch

Entry Requirements

◆ Intermediate or equivalent with minimum 60% marks, from an accredited educational institution

◆ Valid NTS test score as per CIIT policy

◆ Department of Architecture Creative Aptitude Test

Duration

◆ Minimum: 10 Semesters; 5 years

◆ Maximum: 15 Semesters; 7.5 years

Credit Hours Requirements

◆ Minimum 172 Cr. Hrs.

Offering Semester

◆ Fall Only

Offering Campuses

◆ Islamabad, Lahore

Program Information

Bachelors of Architecture program produces architects, who understand that architecture is an integral part of the society's arts, are knowledgeable about the global and regional issues and trends have deep understanding of their identity and the society and believe in the relevance of architecture towards a better future for all.

The courses in the Scheme of Studies of this Program are divided into three stages i.e. foundation, intermediate, and final, spread over ten semesters. The foundation level courses impart intensive training in verbal and graphic communication, logical thinking and the ability to theorize. The intermediate level courses ensure the ability to conceive a project as a whole, its forms, always invariably placed in a context of the street, city and culture, and as a functional entity to fulfil the needs for which it is to be built. The final stage enables the students to think independently, to better understand contextual issues of society, to determine for themselves the future directions of their development as architects, fully prepared for present time market demand.

Bachelor of Design: B. Des

Entry Requirements

◆ Intermediate or equivalent with minimum of 50%

marks, from an accredited educational institution

◆ Valid NTS test score as per CIIT policy

◆ Department of Design Creative Aptitude Test

Duration

◆ Minimum: 8 Semesters; 4 years

◆ Maximum: 12 Semesters; 6 years

Credit Hours Requirements

◆ Minimum 141 Cr. Hrs.

Offering Semester

◆ Fall Only

Offering Campuses

◆ Islamabad, Lahore

Program Information

Bachelor of Design (B.Des) Program being offered at CIIT emphasizes creative, critical and strategic thinking, by synthesizing practice, theory and history to educate the design leaders of tomorrow. The department serves as a creative constituency by offering a comprehensive university experience that addresses the social, cognitive, and technological

implications of design practice while preparing our students for work in the profession and/or graduate study.

The courses of B.Design Program encourage and enable students to develop knowledge of the context in which design occurs. Students are helped to create a range of critical positions towards a definition of their own practice and its context. The foundation level imparts intensive training in verbal and graphic communication, logical thinking and the ability to theorize. In second year the students are encouraged to experiment creatively and critically. The philosophy is analytical and diagnostic with emphasis on solving visual communication problems through the development of original and often surprising solutions, rather than simply focusing on technical media or applying formulaic solutions. The students will define their goals, experiments with ideas and challenge current practices to produce work that is outside commercial constraints. Students will be offered a choice of specialist areas at the beginning of their third year-advertising, design, illustration, moving image; or product design.

Bachelor of Fine Arts: BFA

Entry Requirements

- Intermediate or equivalent with minimum of 50% marks from an accredited educational institution
- Valid NTS test score as per CIIT policy
- Department of Fine Arts Creative Aptitude Test

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 138 Cr. Hrs.

Offering Semester

- Fall Only

Offering Campus

- Lahore

Program Information

Bachelor of Fine Arts Program provides a link between Humanities and Sciences and is a service for the betterment of the society. The program places greater emphasis on integrated learning, which will produce artists capable to compete and succeed in the transforming world. We expect that our artists will open new art avenues while continue contributing to the existing local and international art world. The career paths for the graduates of this Program are art education, graphics, independent and freelance artists, art galleries, simulation, movies and digital art, media, publishing and printing, advertising, curators and managers, researchers and historians.

Faculty Members at Department of Architecture

Islamabad Campus

Professor

- Dr. Shahid Ahmad Rajput, PhD, University of the Punjab, Lahore, Pakistan

Associate Professors

- Dr. Shahida Mansoor, PhD, Tokyo National University of Fine Arts and Music, Japan
- Dr. Samra Mohsin Khan, PhD, University of Westminster, UK
- Ar. Uzma Noreen Zain, MA, Oxford Brooks University, UK (Visiting Faculty)
- Ms. Farah Adnan, BFA, National College of Arts, Lahore, Pakistan
- Ms. Ayesha Asim Imdad, MA(Hons), National College of Arts, Lahore, Pakistan

Assistant Professors

- Dr. Tabassum Shaheen, PhD, Hacettepe University, Ankara, Turkey
- Ar. Kifayat Hussain, B. Arch, UET, Lahore, Pakistan

- Ar. Adnan Amin, B. Arch, National College of Arts, Lahore, Pakistan
- Ar. Faisal Arshad, B. Arch, UET, Lahore, Pakistan
- Ar. Syed Yawar Abbas Zaidi, MA , Kingston University, UK
- Ms. Smarten Asif, MA, University of the Punjab, Lahore, Pakistan

Consultant Architect, COMSIAN Consulting

- Ar. Arif Masood, B. Arch, NED University, Karachi, Pakistan

Besides, 12 Lecturers are also associated with the department.

Lahore Campus

Professor

- Dr. Khalid W. Bajwa, PhD, University of Leuven, Belgium

Advisors

- Mr. Hassan Shahnawaz Zaidi, T.I., MFA, University of Punjab, Lahore, Pakistan
- Mr. Shaukat Nawaz Raja, M. Arch, Ecole des Beaux Arts, Luminy, France
- Ms. Yasmeen Cheema, MA, Middle East Technical University Ankara, Turkey
- Mr. Arfan Ghani, National Diploma in Architecture, Natonal College of Arts, Lahore, Pakistan

Associate Professor

- Mr. Waqar Aziz, M. Arch, Bartlett School of Architecture, London

Assistant Professors

- Ms. Juliane Eick Aziz, Architecture, RWTH Aachen University, Germany
- Mr. Muhammad Zeeshan Zaheer, Architecture, Bauhaus, Anhalt University, Germany
- Mr. Aksam Abubakar, B-Arch (Architecture), University of Engineering and Technology, Lahore, Pakistan
- Ms. Nabah Ali Saad, M- Arch (Architecture), Dessau Institute of Architecture, Germany
- Ms. Shajeea Shuja, Architecture, The University of Sydney, Australia
- Mr. Saad Yousaf, Film and TV, University of Birmingham, UK
- Mr. Usman Sami, Architecture, National College of Arts, Lahore, Pakistan
- Mr. Muhammad Taimur Sarwar, Architecture, University of Illinois Urbana Champaign, USA
- Mr. Zain ul Abadeen, B. Design, National College of Arts, Lahore, Pakistan
- Ms. Maira Khan, B-Arch (Architecture), National College of Arts, Lahore, Pakistan

- Mr. Muhammad Ashraf, MA, University of East London, UK

- Ms. Zamania Aslam, MFA, University of Punjab, Lahore, Pakistan

- Mr. Musa Zafar Jadoon, MS (Architecture), Hambolt University Berlin, Germany

- Mr. Mansoor Ahmed, B-Arch (Architecture), National College of Arts, Lahore, Pakistan

- Mr. Mekaal Chughtai, M- Arch, Korea National University of Arts, South Korea

- Ms. Amna Naveed, M- Arch, University of Engineering and Technology, Lahore, Pakistan

- Ms. Sadia Farooq, B-Arch, National College of Arts, Lahore, Pakistan

- Ms. Shazia Hanif, MS (Architecture), National College of Arts, Lahore, Pakistan

Besides, 01 Consultant (Architecture), 01 Senior Designer, 01 Senior Architect, 01 Graphic Designer, 01 Artist, 09 Lecturers and 01 Research Associate is also associated with this department.

Note

a) The approved Scheme of Studies of all undergraduate programs is available in the Registrar Office of the respective campus.

b) The approved rules and regulations governing undergraduate programs can be obtained from Registrar Office of respective campus.

c) All other regulations approved and issued from time to time, regarding undergraduate degree programs, shall also be applicable.

Admission and Contacts

Admission in CIIT is competitive, but those who come here to enjoy the benefits of excellent resources, a multi-campus environment, and a lively and bustling student life. Admission to various degree programs is open to all eligible candidates without discrimination of any kind. Our guiding principle is that of equal opportunities for all and for this reason, all admissions are regulated on the basis of merit.

Application Procedure

Applications are made in response to the admission notices in the press. Admissions are conducted according to an admission schedule, which is prominently displayed in these admissions notices. The procedure consists of following steps:

1) **Online Admission Application**

- Candidates are required to apply on CIIT Online Admission System by following the link http://admissions.comsats.edu.pk

- After submitting the online application, the printed copy of the same along with the required documents, as mentioned in Online Admission Portal, must be submitted at the concerned Campus either by hand or mail within due date of admissions. Candidate may mention three program preferences for admission on one application form.

- All admissions at CIIT will be offered provisionally and will be confirmed once all the desired formalities are met and all the required documents are submitted by the student.

- In case the final result of previous examination is awaited, then provision of a Hope Certificate'/affidavits (if applicable), from the school/college last attended can provide the basis for a conditional provisional offer of admission at CIIT. This provisional offer is confirmed once the final result has been submitted and eligibility criteria fully met and all the other desired formalities are met, including the submission of required documents by the student. A specimen of a 'Hope Certificate' is available on the Admission portal.

- Admission applications must be submitted within due date advertised at the time of admission. Late submission shall not be entertained.

- Candidates must check the eligibility criteria before submitting their online application forms to confirm that they are academically eligible for admission into the program of their choice.

2) Entrance Test

Applicants are needed to have valid relevant NTS Test score (NAT-I/ NAT-II) at the time of application. However, after the last date of submission of Admission Forms, entrance test will be conducted by NTS according to the admission schedule OR on a given date as notified by NTS through their websitewww.nts.org.pk and the print media. All admissions shall be regulated on the basis of merit determined by the weightage criteria as mentioned below:

Degree Programs

Degree Programs	Percentage Weightage
For Bachelor Degree	
Matric or equivalent	10%
Intermediate or equivalent	40%
NTS Test	50%
For Master Degree:	
Matric or equivalent	10%
Intermediate or equivalent	15%
Bachelor or equivalent	30%
NTS Test	45%

The additional admission criterion for B. Arch & B. Des programs is as below:

- 30% weightage of General merit (including matriculation, intermediate and NTS score)
- 50% weightage of Drawing Test
- 20% weightage of Interview

3) Merit List

A list of shortlisted candidates is displayed on specified dates on the campus notice boards as well as on the CIIT website by the respective Admissions Offices. However, applicants are urged to make a proactive effort to know the status of their application for admission by either visiting the concerned campus or CIIT's website.

4) Interview

Shortlisted candidates along with parents/guardians may be asked to appear for interviews in respective departments to ascertain their suitability in the program in which admission is being sought.

5) Verif ication of Documents

Shortlisted candidates will be asked to bring the following documents to the Admissions Office for verification within a specified time frame:

- Original Certificates/Detailed Mark Sheets of matriculation or equivalent examination, intermediate or equivalent examination, and graduate degree or its equivalent examination (if applicable), with two attested photocopies of each.
- Original Equivalence Certificate along with two attested photocopies.
- Original Migration Certificate along with two photocopies.
- Original Hope Certificate with two attested photocopies or Affidavit (if applicable).
- Undertaking on Stamp Paper, by the student and guardian to abide by the rules and regulations of the Institute (pattern is given in the prospectus).
- National Identity Card (or 'B' Form) along with two attested photocopies.
- Two passport size photographs attested from the back side. Also the name, guardian's name, and program applied for should be clearly printed on the back of the photographs.

6) Display of Merit List and Admission Offer Letter

The final merit list is displayed on the departmental

notice boards as well as on CIIT website. After initial scrutiny of the documents, selected candidate will be issued "Provisional Admission Offer Letter" along with a Bank Challan Form for payment of dues.

7) Provisional Admissions

All admissions at CIIT will be offered provisionally and will be confirmed once all the desired formalities are met and all the required documents are submitted by the student.

Candidates applying on the basis of Hope Certificate are also conditionally provisionally admitted and must ensure that their results are received in the admission office of concerned campus within 20 teaching days after the commencement of the semester; otherwise their admission will be cancelled. Those getting admission on Hope Certificate/Affidavit, if could not obtain the minimum qualifying marks or failed to submit in time the equivalence certificate of foreign qualification/examination, on the basis of which they applied for admission, shall have no right to continue their studies and their admissions shall stand cancelled whenever identified.

8) Acceptance of Provisional Admission Offer

Selected candidates are required to accept their Provisional Admission Offer by submitting the signed letter in this regard together with paying the non-refundable admission and tuition fee within the specified dates. Provisional admission will only be confirmed, through a letter, once the payment of fee is confirmed and all the desired documents have been submitted by the student, verified and candidate has been found eligible for admission. If candidates fail to confirm enrolment by the given deadline, selection will stand cancelled and the seat will be offered to the next candidate on the waiting list.

Orientation Session

CIIT schedules an Orientation session for all new students to welcome and acquaint them with general policies and services of the Institute. Registration for courses is also completed at this time. Attendance at this session is mandatory. This is a good chance for students to become familiar with their new environment as well as interact with instructors and their peers.

Financial Support

CIIT is providing various opportunities for winning fully funded scholarships and financial support to its students, admitted in the degree programs on purely merit basis. Financial Support Programs (FSPs) at CIIT support various categories of students in the form of scholarships, stipends, financial support, Qarz-e-Hasna etc. The Institute takes special care of its students and plays vital role to resolve the financial problems of its students. Financial Assistance is available to all students who prove to

be needy regardless of race, religion, color, national origin, age or sex. The various types of Financial Assistance Programs being provided at CIIT, for its students, are as follows:

1. Need Based Financial Support Program (NBFSP)

- HEC Need-Based Scholarships
- National ICT R&D Fund Scholarships
- French Need Based Scholarships
- German Need-Based Scholarships
- Pak-USAID Merit Need-Based Scholarships
- NTS Need-Based Scholarship

2. Financial Assistance Program

- Punjab Education Endowment Fund (PEEF) Scholarship
- 30% seats reserved in each discipline for the children of Punjab Workers Welfare Board at Lahore campus for undergraduate students
- Financial Assistance for walk in needy Students

3. CIIT Financial Support Program: Qarz-e-Hasna

The needy students may also apply for Qarz-e-Hasna which is implemented under CIIT Qarz-e-Hasna Rules, 2013. A student granted admission on merit, is not an employee anywhere, and unable to pay the fees due to financial constraints can benefit under this financial support. The maximum period for complete repayment of the Qarz-Hasna is Ten years from the day of disbursement of first instalment. Further details and pre-requisities may be obtained from campus admission offices.

4. CIIT Pecuniary Program (CPP): Kinship / Siblings Pecuniary

When two or more siblings are concurrently students of CIIT, the siblings will be financially supported. A financial support of upto Rs. 8,000/- per semester will be provided to all the siblings provided the parents

cannot afford to pay the fee and the students show good academic performance. Such cases will be decided by the Financial Support Program Committee (FSPC) at respective Campus.

5. Academic Excellence Recognition Program

Students who demonstrate academic excellence by achieving outstanding positions (First Three) at the end of the semester in each degree program on a campus shall be awarded merit certificates.

6. Meezan Bank Qarz-e-Hasna (Interest Free Loan)

The needy students can also apply for the Meezan Bank Qarze Hasna Scheme (Ihsan Trust). This is lucrative interest free loan for the deserving students studying in all CIIT campuses. After the completion of the education, the repayment of Qarze Hasna is adjusted according to the income of the student. During the study period, the student has to pay a nominal, token repayment amount (depending upon the financial position of the candidates, his/her parents/guardians monthly income) to the Ihsan Trust repayment.

Note: Please contact campus admission offices for more campus-specific details of financial support programs.

International Students

International students are the central point of focus of CIIT's internationalization policy and it welcomes international students from across the world. In order to attract international students and to provide opportunities to get quality higher education, CIIT offers various facilities to international students which include state-of-the-art laboratories, highly qualified faculty, on campus medical assistance, Health Insurance, well equipped sports centres and international standard accommodation.

The International Office (IO) is the first point of contact for international students. The head office located in Islamabad handles all international

applications as well as provides support services to student at CIIT Islamabad. Subsidiary International Student Affairs (ISA) offices set up in each campus cater to the academic and social needs of students in each CIIT location.

International students are welcome for enrolment in different graduate and undergraduate degree programs. Currently the majority of these students was enrolled in Computer Science, Electrical Engineering, International Relations, Mathematics, Meteorology, Management Sciences, Physics, Pharmacy and Bio-sciences departments and belongs to Afghanistan, Bangladesh, Cameroon, China, Ethiopia, Gambia, Germany, Indonesia, Iran, Iraq, Jordan, Mauritius, Nepal, Nigeria, Palestine, Somalia, Sudan, Turkey and USA.

For admission and application procedure please visit www.comsats.edu.pk and select International Students tab or http://ww3.comsats.edu.pk/internationalstudents/

Eligibility Criteria for Degree Programs:

Undergraduate programs: Same eligibility criteria apply to international students as given above except they are exempted of NTS test.

- **Application Procedure:**

  Download the application form from the International Students web portal http://ww3.comsats.edu.pk/internationalstudents / Application along with scans of academic documents may be sent on the following email address: int.admissions@comsats.edu.pk

- **Documents Required:**

  a) Completed admission application form

  b) Statement of Purpose or Research Plan (see below)

  c) Scans of degrees and transcripts of all post-secondary degrees (with English translation where required)

  d) Latest passport size photograph with blue background

  e) Scan of valid passport

  f) Evidence showing proficiency in English language

- **Statement of Purpose (Research Plan):**

  The statement of purpose is a critical part of the application process for graduate admission, which helps in ascertaining seriousness and aptitude of the applicant. It is the only part of the process that you have complete control over; you cannot change your Grades/GPA, but you can determine the finished product of your statement. It should demonstrate excellence in writing and clarity of thinking. It is a chance to introduce yourself and describe who you are; what your background; and what is important to you. More importantly, the statement of purpose is an opportunity for an applicant to describe your purpose in pursuing graduate study; why this Institute and/or this specific program is your preferred choice; what are your reasons for graduate study, and what is your plan in pursuing this degree. It should state how well you know

the institute and justify your reason for studying at CIIT.

- **Visa Requirement:**

  International students who wish to study in Pakistan need to obtain a Student Visa before travelling to Pakistan. Once you have been issued a provisional admission letter, you should immediately apply for a student visa for Pakistan by sending copies of admission letter, passport and other relevant documents to the nearest Pakistani High Commission in your country of residence or a neighbouring country

- **Letters of Reference:**

  Two reference letters typed in double space may accompany your application dossier. Ideally one letter may be from a faculty member of your alma mater, while the second one may be from an employer. Both letters may bring out clearly your suitability for the selected program. Alternatively, both letters could be from your former teachers.

- **English Language Test Requirements:**

  CIIT Pakistan accepts the following credentials of international students to satisfy the minimum English Language requirements for entry to undergraduate degree programs:

  - TOEFL Internet-based test - overall minimum score 60 (iBT) OR
  - IELTS minimum 5.0 band OR
  - English Proficiency Certificate from the Last attended Institution

Only original and valid TOEFL or IELTS (Academics) certificates (not more than two years old from last date of application submission) will be accepted.

- **Visiting Scholars:**

  CIIT provides excellent facilities and research opportunities to International Scholars from accredited international universities and institutions of higher education, who wants to spend 1-2 semesters at CIIT for study or research. Application form and detail information is available at
  http://ww3.comsats.edu.pk/internationalstudents/

- **Accommodation:**

  Accommodation would be provided by CIIT to international students. This will provide an opportunity to interact, live and study with students from different backgrounds and many of whom will become friends for life. CIIT offers conducive living and studying environment for the students.

- **Orientation and Registration:**

  Orientation is your chance to learn about the University, ask questions, register your courses, get to know your fellow classmates, meet with an academic advisor/faculty member and begin your adventure as a new student. A formal orientation program is designed to welcome and introduce International students to CIIT and to help them adjust to life at CIIT before the official start date of classes. There will be social events where students will have the opportunity to make new friends, meet CIIT faculty & staff. It is essential for all new international students to attend the orientation, as they will need to register with the CIIT Medical Centre and fulfil other requirements as well.

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CIIT Campuses Map Guide

CIIT Islamabad

CIIT Islamabad campus is accessible via Rawalpindi and Islamabad. From Rawalpindi take the Murree road crossing Faizabad chowk and heading straight towards Rawal Chowk. Take right to and take Park Road that will lead you to the splendid campus of CIIT located on the right side after 10 minutes drive.

From within Islamabad follow any route connecting to Zero point and then take the Islamabad highway. After reaching Faizabad chowk take left and you will be heading towards Rawal chowk. After having reached to the Rawal Chowk, take right and take Park Road that will lead you to the splendid campus of CIIT located on the right side after 10 minutes drive.

CIIT Abbottabad

Taking the route of Wah from Islamabad you will be crossing Wah, Hasanabdal and Hawalian to enter the main city of Abbottabad. Then on following the road leading to Military Academy Kakul will give you a sight to CIIT Abbottabad campus.

CIIT Wah

Starting from Islamabad, take the road to Taxila. After crossing Taxila underpass, take "u" turn in front of POF barrier No. 5 and move back towards Taxila. Drive furtherfor 200 meters on G.T. Road, where CIIT Wah campus is situated on left side of the road.

CIIT Lahore

Starting from Islamabad follow motorway route to Lahore. On reaching Lahore take Canal road i.e. near to Tokhar Niaz Baig chowk. From the roundabout turn towards the Raiwind road, at the end of the road, turn on right for Defence road on which the Lahore CIIT campus is situated.

CIIT Attock

Starting from Islamabad towards Peshawar on Grand Trunk (GT) Road, after crossing Wah, Hassanabdal, Harrow Toll Palaza and Faqirabad (Lawarance Pur), then after two kilometer on GT, take left on New Hattian Hazro Road which will be reached on Kashif Shaheed Chowd (Old Teenmila Chowk).Then following the Kamra Road again take left from the crossing to enter Attock City where COMSATS Institute of Information Technology (CIIT) Attock Campus is located on the right side before entering into the main city. CIIT Attock Campus Sign board guide each and every turn from Faqirabad to Attock.

CIIT Sahiwal

Following the motorway route or Grand Trunk Road from Islamabad to Lahore, further take the road from Lahore to Multan to approach Sahiwal city. On arrival at Sahiwal city, take the Tufail Shaheed Road and after crossing Over Head Bridge, move towards Police Lines to reach Jail road, where CIIT Sahiwal Campus is situated.

CIIT Vehari

From Multan, take the Multan road to reach Vehari campus located near Peer Murad Adda on the right side of the road.

From Burewala, take the Burewala road to reach "V" chowk, and from there gear on to Multan road to reach Vehari campus located near Peer Murad Adda on the left side of the road.

Contacts

Admission Offices

Following admission offices may be contacted for any admission inquiry:

Principal Seat

Ms. Muniba Nasir
Deputy Registrar (MIS)
Phone: 051-90495137
E-mail: muniba_nasir@comsats.edu.pk

Islamabad

Mr. Rizwan Ahmed
Senior Program Officer
Phone: 051-9247000-3, 90495035
E-mail: rizwan_ahmed@comsats.edu.pk

Abbottabad

Mr. Ghias-ud-din Shah
Incharge (Student Affairs)
Phone: 0992-383591-6
E-mail: ghias@ciit.net.pk

Wah

Dr. Akmal Javaid
Senior Manager (Student Affairs) / OIC Admissions
Phone: 051-9314484 & 051-9314482-3, Ext: 228
E-mail: akmal@ciitwah.edu.pk

Lahore

Mr. Majid Sultan Bhatti
Senior Coordination Officer
Phone: 042-99204786, 042-111-001-007, Ext: 830, 831, 842
Email: majid.sultan@ciitlahore.edu.pk

Attock

Mr. Zeeshan Haider
Incharge (Admissions)
Phone: 057-9316330-1, Ext: 128
Email: m.zeeshan@ciit-attock.edu.pk

Sahiwal

Mr. Safdar Ali
Incharge (Admissions)
Phone: 040-9200100, 4305001
E-mail: Safdar@ciitsahiwal.edu.pk

Vehari

Mr. Fakhar Hussain
Assistant Program Officer / Incharge (Admissions)
Phone: 067-3001606
E-mail: admissions@ciitvehari.edu.pk, fakhar@ciitvehari.edu.pk

Office of International Students Affairs (OISA)

Mr. Kashif Masood
Deputy Registrar
Phone: +92-51-8318471, +92-51-9247001-3, Ext: 5195
E-mail: int.admissions@comsats.edu.pk

Administration Contacts
Principal Seat
Rector

Prof. Dr. Raheel Qamar
Phone: 051-92495117
E-mail: rector@comsats.edu.pk

Registrar

Prof. Dr. Izhar Hussain, T.I.
Phone: 051-90495112
E-mail: registrar@comsats.edu.pk

Controller of Examinations

Mr. Muhamamd Sohail Ghani
Phone: 051-90495131
E-mail: sgw@comsats.edu.pk

Director, Planning, Development and Human Resource Development (PD & HRD)

Mr. Tahir Naeem
Phone: 051-90495169
E-mail: tnaeem@comsats.edu.pk

Dean, Research, Innovation and Commercialization (RIC)
Prof. Dr. Raheel Qamar, T.I.
Phone: 051-90495036
E-mail: raheel_qamar@comsats.edu.pk

Head, International Office
Dr. Arshad S. Malik
Phone: 051-90495048
E-mail: asmailk@comsats.edu.pk

Additional Registrar (QEC)
Mr. Shahid Iqbal
Phone: 051-9240844, 8435052, Ext: 808
Email: siqbal@comsats.edu.pk

Treasurer
Mr. Muhammad Azam
Phone (Off): 051-90495078
E-mail: muhammad_azam@comsats.edu.pk

Additional Registrar (Academics)
Mr. Mian Gul Muhammad
Phone: 051-90495079
E-mail: miangulmuhammed@comsats.edu.pk

Additional Registrar (Management)
Mr. Azeem Mukhtar
Phone: 051-90495028
E-mail: azeemmukhtar@comsats.edu.pk

Academics
Dean of Faculties
Dean, Faculty of Science
Prof. Dr. Arshad Saleem Bhatti, T.I.
Phone: 051-90495118
E-mail: asbhatti@comsats.edu.pk

Dean, Faculty of Engineering
Dr. Shahid Ahmed Khan
Phone: 051-90495214
E-mail: shahidk@comsats.edu.pk

Dean, Faculty of Information Sciences and Technology
Prof. Dr. Syed Asad Hussain
Phone: 042-35321044
E-mail: asadhussain@ciitlahore.edu.pk

Dean, Faculty of Business Administration
Prof. Dr. Khalid Riaz
Phone: 051-90495083
E-mail: kriaz@comsats.edu.pk

Dean, Faculty of Architecture and Design
Prof. Dr. Raheel Qamar,
Rector CIIT
Phone: 051-90495171
E-mail: rector@comsats.edu.pk

Islamabad Campus Administration
Incharge Hostel Management Committee/Senior Warden
Prof. Dr. Mahnaz Qadeer Haseeb
Phone: 051-9049802, Ext: 302
E-mail: mahnazhaseeb@comsats.edu.pk

Additional Registrar (Academics)/Incharge Student Affairs/Admissions
Mr. Ahmed Mumtaz Mustehsan
Phone: 051-90495245
E-mail: mumtaz@comsats.edu.pk

Deputy Registrar
Mr. Wajid Kamran
Phone: 051-90495188
Email: wajidkamran@comsats.edu.pk

Hostels
Girls Hostel
Ms. Farzana Abid
Warden
Phone: 051-8315313
E-mail: farzana_abid@comsats.edu.pk

Boys Hostel
Mr. Hassan Raza
Administrative Officer
Phone: 0333-5549950
E-mail: hassan@comsats.edu.pk

Transport
Lt. Col Retd. Asif Hayat
Incharge Transport
Phone: 051-90495031
E-mail:
asif_hayat@comsats.edu.pk

Abbottabad Campus
Director
Prof. Dr. Khan Gul Jadoon
Phone: 0992-383591-5
Fax: 0992-383441
E-mail: kgjadoon@ciit.net.pk

Administration
Additional Registrar
Mr. Saadat Iqbal
Phone: 0992-383591-5
E-mail: saadat@ciit.net.pk

Program Officer (Coordination)
Ms. Zainab Irshad
Phone: 0992-383591-5
Email: zainabirshad@ciit.net.pk

Hostels
Dr. Qazi Najam-us-Saqib
Hostel Provost
Phone: 0092-992-383591-5
E-mail: najam48@ciit.net.pk

Transport
Mr. Rafiq Ahmed Khalil
Transport Incharge
Phone: 0092-992-383591-5
E-mail: rafiq@ciit.net.pk

Wah Campus
Director
Prof. Dr. Tayyeb Akram
Phone: 051-4534200-2
Fax: 051-4546850
E-mail: dirwah@comsats.edu.pk

Administration
Deputy Registrar
Mr. Jawwad Ahmad
Phone: 051-4534200-2, Ext: 214
E-mail: jawwad_ahmad@comsats.edu.pk

Hostels
Dr. Muhammad Sharif
Associate Professor / Hostel
Warden
Phone: 051-9314382-3, Ext: 222
E-mail:
muhammadsharifmalik@yahoo.com, sharifmalik@comsats.edu.pk

Transport
Mr. Adnan Karim
Deputy Registrar / Incharge
Transport
Phone: 051-4534200-02, Ext: 216
E-mail:
adnan_karim@comsats.edu.pk

Lahore Campus
Director
Prof. Dr. Qaisar Abbas
Phone: 042-111-001-007
Fax: 042-99203100
E-mail: director@ciitlahore.edu.pk

Administration
Additional Registrar
Mr. Rashid Ahmad Khan
Phone: 042-111-001-007
E-mail: rakhan@ciitlahore.edu.pk

Hostels
Girls Hostel
Ms. Saima Saleem
Superintendent (Girls Hostel)
Phone: 042-111-001-007 Ext: 815
Email: saimasaleem@ciitlahore.edu.pk

Boys Hostel
Dr. Ghulam Rasool
Associate Professor, Computer
Science / Incharge Boys Hostel
Phone: 042-111-001 007 Ext: 147
E-mail: grasool@ciitlahore.edu.pk

Transport
Mr. Muhammad Bashir
Transport Officer
Phone: 042-111-001-007 Ext: 870
E-mail: mbashir@ciitlahore.edu.pk

Attock Campus
Acting Director
Dr. M. Abdul Rehman Khan
Phone: 057-9316330-1
Fax: 057-9316329
E-mail:
dir-attock@comsats.edu.pk

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Administration and Transport
Deputy Registrar
Mr. Malik Saleem Khan
Phone: 057-9316330-1, Ext: 105
E-mail: saleem_khan@comsats.edu.pk

Hostels
Mr. Laeeq Mushtaq
Deputy Librarian/Hostel Warden
Phone: 057-9316330, Ext: 300
E-mail:
laeeqmushtaq@comsats.edu.pk

Deputy Registrar (Academics)
Kh. Muhammad Ali Butt
Phone: 057-9316330-1, Ext: 146
E-mail: alibutt@comsats.edu.pk

Transport
Mr. Malik Saleem Khan
Deputy Registrar / Incharge
Transport
Phone: 057-9316330-1, Ext: 105
E-mail:
saleem_khan@comsats.edu.pk

Sahiwal Campus
Acting Director
Prof. Dr. Saleem Farooq Shaukat
Phone: 040-4305007
Fax: 040-4305006
Email: director@ciitsahiwal.edu.pk

Administration
Deputy Registrar
Mr. Rana Adeel Abad
Phone: 040-4305001-5, Ext: 102
E-mail: adeel@ciitsahiwal.edu.pk

Hostels
Dr. Majid Hussain
Assistant Professor / Hostel
Warden
Phone: 040-4305001-5, Ext: 230
E-mail:
majidhussain@ciitsahiwal.edu.pk

Transport
Mr. Muhammad Uzair Akhtar
Transport Officer
Phone: 040-4305011
E-mail:
transport@ciitsahiwal.edu.pk

Vehari Campus
Director
Dr. Khair- Uz- Zaman
Phone: 067-3026443
Fax: 067-3602801
E-mail: director@ciitvehari.edu.pk

Administration
Deputy Registrar
Mr. Yasir Ikram
Phone: 067-3028346
E-mail: yikram@comsats.edu.pk

Hostels
Girls Hostel
Ms. Saadia Bibi
Lecturer
Phone: 067-3028346
E-mail: sadiabibi@ciitvehari.edu.pk

Boys Hostel
Mr. Qasim Umer
Lecturer
Phone: 067-3028346
E-mail: qasimumer@ciitvehari.edu.pk

Transport
Mr. Afzal Faisal
Coordination Officer / Transport
Incharge
Phone: 067-3028346
E-mail: afzalfaisal@ciitvehari.edu.pk

Virtual Campus
Incharge
Dr. Sajjad Ahmad Madani
Phone: 051-9258486,
051-9262231
Fax: 051-9258489
E-mail: madani@comsats.edu.pk

Manager (Administration)
Mr. Muhammad Nawaz
Phone: 051-9269812-13
E-mail: nawaz@vcomsats.edu.pk

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