ANNUAL
REPORT
2016-17

COMSATS Institute of Information Technology

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RECTOR'S
message

It is my pleasure to introduce the Annual Report 2016-17 of COMSATS Institute of Information Technology (CIIT).

Looking back at the journey of CIIT over the past 17 years, it gives me immense pleasure to assume the responsibility of Rector of an Institute which has come a long way in a short span of time, growing from a single campus to eight campuses. I have the privilege to be a part of the team whose commitment and dedication made it possible to become one of the leading higher education institutes of the country. I am proud to state that the Institute maintained its top position in national higher education landscape adding more laurels to its credit. The achievements recorded in the Annual Report 2016-17 are a result of yet another successful year.

CIIT provides a platform to young minds to explore their potential without inhibitions by providing them with top notch facilities making it a prime choice for students who have a passion for learning. A large number of students were inducted in CIIT this year as well.

The contribution of CIIT in research is evident from the fact that it was ranked second in research productivity among all universities of Pakistan in 2015 and can proudly state that CIIT crossed milestone of 1,000 impact factor publications in a calendar year. Moreover, it attained No. 01 position in Pakistan in TIMES Higher Education (THE) World University Rankings (WUR) 2016-17 and was among 601-800 in the world. Furthermore, CIIT was also ranked among 151-200 best young universities of the world and among top 150 universities in Asia by THE Ranking of 2017. It was also ranked 137 in THE BRICS and Emerging Economies Rankings of 2017. Besides these, CIIT is ranked among top 250 Asian Universities as per QS University Rankings of 2016.

The Institute also carried out various public welfare activities during the year, considering it its responsibility to give back to the society. On the whole, this year has observed growth and achievement in various areas such as programs being offered, student enrollment, infrastructure, ranking, etc. Moving forward, CIIT will continue its efforts in providing quality education and services.

I present this report for your reading and to explore more about the Institute's accomplishments during the year.

Prof. Dr. Raheel Qamar, T.I.
Rector

Executive
Summary ▶

CIIT was established in 1998 as a Center of Excellence of Commission on Science and Technology for Sustainable Development in the South (COMSATS) with a vision to revolutionize the higher education paradigm. The CIIT has completed its 17 years and it is delightful to share that the Institute has been continuously improving, and the year 2016-17 is no exception.

This Annual report starts with an overview of the Institute, highlighting some important facts like mission, vision, and structure of Institute. The first chapter befittingly covers the academic activities describing the variety of programs being offered at CIIT. CIIT is proud to have 3-star rating by the QS for its quality education and services. This chapter highlights the foreign academic and institutional linkages with 07 MoUs signed during the reporting period.

The chapter two elaborates the Research and Development activities, be it in terms of projects, publications, conferences, seminars, and workshops. The detail of those held during the reporting period is incorporated in this chapter. Few of the major workshops/seminars/ symposia include Technomoot, Frontiers of Information Technology (FIT), SAICON, Global Forum on Islamic Finance, etc. The chapter also provides information about the research collaborations and activities, significantly, the research publications during 2016 reached to a figure of 1,500 making a total of 7,132. The Institute has also filed 16 patents for registration during the reporting period. CIIT also has the honor of being ISO 9000:2008 certified, which is the most popular standard of Quality

Management System internationally. The third chapter is about Quality Assurance and significant steps taken in ensuring quality of teaching and research in the Institute.

CIIT understands the importance of competent faculty and to provide them with opportunities for growth and development. Chapter four describes the faculty development at CIIT which is the largest faculty development program among the universities/institutions of higher education in the country. The faculty members stand at a figure of 3,193 during the reporting period including 1,086 PhDs. Until June 30, 2017, 548 scholars have returned and rejoined CIIT after completing their higher studies abroad. Faculty Development Academy (FDA) of the Institute has continued to provide pre-service and in-service trainings to cater the training needs of the faculty. International faculty is also engaged in order to provide diversity among the faculty.

Chapter five enlists the basic facts about the students like enrollment, equity, and faculty-student ratio, etc. The student enrollment as of June 30, 2017 is 34,485. The highest enrollment was observed in Faculty of Information Sciences and Technology with 13,349 students.

The next chapter, Universities Building Economies, contains the information on linkages established with the industry and the activities of Business Incubation Center (BIC) in promoting entrepreneurship. The Institute understands and realizes its duty of providing students with as all possible help and guidance during their stay at CIIT. In order to help them in their

career development, CIIT has established internship and placement offices at its campuses which are also responsible for career counseling of the students. Different workshops/seminars are organized by these offices to make students aware of the challenges they may face in their careers.

Chapter seven and eight highlight the strengthening of physical and technological infrastructure including details of development and construction projects, research equipment, digital library, PERN, video conferencing, etc. Until the end of FY 2016-17, CIIT has completed 48 development projects, while 04 projects are on-going. New research equipment was purchased during the reporting period at campuses. The library at CIIT provides access to more than 33,000 high quality journals/articles/databases through HEC's Digital Library provision. Chapter nine provides information about the public service activities, which CIIT feels its obligations.

Besides teaching and learning, sports and co-curricular activities are very helpful in developing strong personalities and instilling various traits. The events held/participated in this regard during the reporting period are elaborated in chapter ten and eleven. The next chapter provides financial information while chapter thirteen covers the paradigm of University Governance. Chapter fourteen highlights Office of Development, its initiatives and future plans. The report in hand ends with chapter fifteen, which provides generic details about medical/health facilities available at campuses of CIIT, and counseling service being provided for stress reduction. The report concludes with relevant annexure supplementing the information contained in the report.

Prof. Dr. Izhar Hussain, T.I.
Registrar

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COMSATS
Institute of Information Technology (CIIT)

COMSATS Institute of Information Technology (CIIT) was established in 1998 under the umbrella of Commission on Science and Technology for Sustainable Development in the South (COMSATS), as a Center of Excellence. Since then, CIIT has become one of the major leading higher education institutes. Its futurist leadership, relentless positive energy, and fervent human resource earned CIIT a Degree Awarding Charter from the Government of Pakistan in 2000.

CIIT is a multi-campus Institute offering assorted degree programs in the fields of Science, Engineering, Technology, Architecture, Design, Business, etc. Currently, there are seven functional campuses of CIIT at Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, and Vehari along with a Virtual Campus and a few more are in the pipeline.

Vision

The CIIT envisions assuming a truly national character for itself in the years to come. It envisions having presence in all provinces of the country. It sees for itself a position among top 100 universities in the developing countries and top 500 universities in the world in 5, and 10 years time respectively. Focus in the period 2005-10 was on science led engineering, while in the period 2010-15 on initiating social sciences programs. During 2015-20, the focus will be on establishing programs in medical and agricultural sciences.

Mission

The Institute's mission is threefold:

▶ **Teaching and Learning**
Share the knowledge, understanding and creativity by providing a broad range of educational programs in a diverse community of learners and teachers, and prepare graduate, professional, and undergraduate students, as well as non-degree seeking students interested in continuing education as lifelong learning, and for assuming active roles in competitive and culturally diverse environs.

▶ **Research and Discovery**
Generate and preserve knowledge, understanding, and creativity by triggering enquiry, conducting high-quality research, and promoting scholarship that benefits students, scholars, and communities across the country, the Muslim Ummah, and the world, at large.

▶ **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 the education of a modern workforce, research and development, technology commercialization, and promoting partnerships with businesses, government and community groups.

ORGANIZATIONAL STRUCTURE

Patron
(President of Pakistan)

Chancellor
(Federal Minister for Science and Technology)

Chairman Board of Governors
(Executive Director COMSATS)

RECTOR

Secretariats

Registrar

Treasurer

Director (P, D & HRD)

Controller of Examinations

Head, International Office

Academics

Dean, Faculty of Information Sciences and Technology

Dean, Faculty of Engineering

Dean, Faculty of Business Administration

Dean, Faculty of Science

Dean, Faculty of Architecture and Design

Dean of Research, Innovation and Commercialization

Campuses

In-charge Islamabad

Director Abbottabad

Director Wah

Director Lahore

Director Attock

Director Sahiwal

Director Vehari

In-charge Virtual Campus

Faculties, Departments and Research Centers

06 faculties, 19 departments, and 10 research centers are functional at CIIT. A new Department of Economics was established at CIIT Islamabad during the reporting period. The list of these is as follows:

Faculty	Departments/Research Centers
Faculty of Information Sciences and Technology	Department of Computer Science ▶ Health Informatics Unit
Faculty of Business Administration	Department of Management Sciences ▶ Business Incubation Center ▶ Center for Policy Studies ▶ China Study Center ▶ COMSATS Center for Executive Development Department of Development Studies Department of Humanities Department of Economics
Faculty of Engineering	Department of Electrical Engineering ▶ Center for Advanced Studies in Telecommunication ▶ Center for Professional Development Department of Chemical Engineering Department of Mechanical Engineering Department of Civil Engineering
Faculty of Science	Department of Mathematics Department of Statistics Department of Biosciences ▶ Interdisciplinary Research Center in Biomedical Materials ▶ Energy Research Center Department of Meteorology Department of Physics Department of Pharmacy Department of Earth Sciences Department of Chemistry ▶ Center for Advance Drug Research Department of Environmental Sciences ▶ Center for Climate Research and Development
Faculty of Architecture and Design	Department of Architecture
Faculty of Health Sciences	-----------------------------------

Board of
Governors (BoG)
as on June 30, 2017

Dr. S. M. Junaid Zaidi, H.I., S.I.	Chairman BoG, Executive Director, Commission on Science & Technology for Sustainable Development in the South (COMSATS), Islamabad
Mr. Fazal Abbas Maken	Federal Secretary, Ministry of Science and Technology, Islamabad
Mr. Shoaib Mir	Federal Secretary, Ministry of Federal Education and Professional Training, Islamabad
Prof. Dr. Mukhtar Ahmed	Chairperson, Higher Education Commission, Islamabad
Prof. Dr. Shams M. Qureshi	Former Secretary to Government of Pakistan, Karachi
Dr. Samar Mubarakmand, N.I., H.I., S.I.	Chairman,Underground Coal Gasification Project, Thar, Islamabad
Syed Masood Hashmi, T.I.	Director and Chief Executive Officer, Orient Communication (Pvt.) Limited, Karachi
Prof. Dr. Khalid Mahmood Khan, S.I.	President, Pakistan Academy of Science/Secretary General NASIC, Professor Emeritus, University of Agriculture, Faisalabad
Prof. Dr. Raheel Qamar, T.I.	Rector, COMSATS Institute of Information Technology, Islamabad
Prof. Dr. Izhar Hussain, T.I.	Registrar, COMSATS Institute of Information Technology, Islamabad
Prof. Dr. Arshid Pervez	Acting Director , COMSATS Institute of Information Technology , University Road, Tobe Camp, Abbottabad
Dr. Tayyeb Akram	Director, COMSATS Institute of Information Technology, Quaid Avenue, The Mall, Wah Cantt
Dr. Khair-uz-Zaman	Director, COMSATS Institute of Information Technology, Multan Road, Vehari
Prof. Dr. Qaisar Abbas	Director, COMSATS Institute of Information Technology, Defence Road, Off Raiwind Road, Lahore
Dr Muhammad Abdul Rehman Khan	Acting Director, COMSATS Institute of Information Technology, Kamra Road, Attock
Prof. Dr. Saleem Farooq Shaukat	Acting Director, COMSATS Institute of Information Technology, COMSATS Road, Off GT Road, Sahiwal
Prof. Dr. Arshad Saleem Bhatti, T.I.	Dean, Faculty of Science, COMSATS Institute of Information Technology, Park Road, Chak Shahzad, Islamabad
Prof. Dr. Khalid Riaz	Dean, Faculty of Business Administration, COMSATS Institute of Information Technology, Park Road, Chak Shahzad, Islamabad

ACADEMIC ACTIVITIES

Programs Offered

CIIT continues to introduce new programs in various fields to keep itself at par with the changing trends in the higher education. The number of programs offered during 2016-17 is 96, which includes 40 undergraduate and 56 graduate programs. The list of programs is given below:

Undergraduate Programs

Bachelor of Science in:
Accounting & Finance, Bioinformatics, Biosciences, Bio-Technology, Business Administration, Chemical Engineering, Civil Engineering, Commerce, Computer Engineering, Computer Science, Development Studies, Earth Sciences, Economics, Electrical (Computer) Engineering, Electrical (Electronics) Engineering, Electrical Engineering, Electrical (Power) Engineering, Electrical (Telecommunication) Engineering, Electronics, Environmental Sciences, Mathematics, Mechanical Engineering, Physics, Psychology, Software Engineering, Telecommunication Engineering, Telecommunication & Networking

Doctor of:
Pharmacy

Bachelor of:
Architecture, Business Studies, Design, Fine Arts

Master of:
Business Administration Executive (2 years), Business Administration (3.5 years), Computer Science, Development Studies, Economics, English, Mathematics, Public Administration

Graduate Programs

Master of:
Business Administration (1.5 yrs)

Master of Science in:
Banking and Finance, Biochemistry and Molecular Biology, Bioinformatics, Biotechnology, Biosciences, Chemistry, Chemical Engineering, Civil Engineering, Computer Science, Computer Engineering, Conflict, Peace and Development, Cyber security, Development Studies, Earth Sciences (Applied Geology/Applied Geophysics), Economics, Electrical Engineering, Environmental Engineering, Energy Management, English (Linguistic & Literature), Environmental Sciences, Health Informatics, Information Security, International Relations, Management Sciences, Mathematics, Mechanical Engineering, Meteorology, Microbiology and Immunology, Molecular Genetics, Molecular Virology, Pharmacy, Physics, Project Management, Remote Sensing and Geographic Information System, Software Engineering, Sustainable Water Sanitation Health and Development, Statistics

PhD in:
Biochemistry and Molecular Biology, Biosciences, Biotechnology, Computer Science, Chemistry, Chemical Engineering, Computer Engineering, Development Studies, Electrical Engineering, Environmental Sciences, Mathematics, Management Sciences, Meteorology, Microbiology and Immunology, Molecular Genetics, Pharmacy, Physics, Statistics

New Programs Launched

Bachelor of Science (BS) in Civil Engineering at CIIT Sahiwal
CIIT Sahiwal in its pursuit for expanding it services in higher education to the regional communities of Sahiwal has made another land mark leap to launch BS Civil Engineering. Pakistan Engineering Council's (PEC) delegation visited CIIT Sahiwal to inspect the preparations of the campus to launch the program on December 29, 2016.

Academic Achievements

Award of Laptops
4,706 students received the latest laptop machines with specifications enabling them to be used both as a computer and as well as a notepad during 2016-17 under the Prime

Minister's Scheme. In addition, an Internet device was also the part of the package.

Establishment of English Language Center (ELC)
Department of Humanities established the English Language Center (ELC) in collaboration with CIIT Main Library in September 2016. The mission is to provide high quality English language services to help students complete their academic studies successfully and compete in the domestic and global job market upon graduation. The initial task for the ELC team is to accomplish two primary goals: a) to establish an ELC set up with basic classroom and office facilities and b) to register students of BS and MS programs for the announced courses. From Spring 2017, ELC is going to announce the following four courses on Student Portal for registration:
- ▶ Basic Language Skills
- ▶ Academic Writing
- ▶ Public Speaking
- ▶ Creative Writing – Perspectives on Short Story

COMSATS Journal of Islamic Finance (CJIF)
First research journal of CIIT has been launched on March 02, 2017. CJIF is a double-blind peer reviewed research Journal that is an official publication of Center of Islamic Finance (CIF), CIIT Lahore. CJIF provides a platform to researchers, academicians and practitioners who are interested in new knowledge and in discussing ideas, issues and challenges in the field of Islamic finance, banking, accounting, business and economics.

Establishment of Department of Economics at CIIT Islamabad
Economics is a subject overlapping in many other fields be it banking, marketing, agriculture, industry, etc. Keeping in view the importance of this subject, a Department of Economics

has been established at CIIT Islamabad on May 25, 2017.

Inauguration COMSATS Software House
Rana Tanveer Hussain, Federal Minister for Science and Technology inaugurated "COMSATS Software House" at CIIT Sahiwal on March 31, 2017. He was accompanied by Dr. S.M. Junaid Zaidi (H.I, S.I), Executive Director COMSATS and Prof. Dr. Raheel Qamar (T.I), Rector CIIT. This software house is one of its kind in the area. It is a state of the art software house, which will provide a greater chance of entrepreneurial opportunities not only to the students of CIIT Sahiwal but the people in the region as well.

Convocations
The value of convocation in a student's life cannot be expressed in words. The feeling of contentment and delight at the announcement of name to collect the hard earned degree in front of his family and friends who support them through their academic journey, is not comparable to any other in life. It is a new beginning for all the students. So far, 103 convocations have been held by CIIT, out of which following were held during the reporting period:

Sr.	Convocation	Campus	Date
1	90	Wah	September 30, 2016
2	91	Attock	October 01, 2016
3	92	Abbottabad	October 03, 2016
4	93	Abbottabad	October 03, 2016
5	94	Vehari	October 07, 2016
6	95	Sahiwal	October 08, 2016
7	96	Islamabad	October 18, 2016
8	97	Islamabad	October 18, 2016
9	98	Attock	March 17, 2017
10	99	Wah	March 17, 2017
11	100	Islamabad	March 20, 2017
12	101	Vehari	March 31, 2017
13	102	Sahiwal	April 01, 2017
14	103	Abbottabad	April 10, 2017

Till June 30, 2017, CIIT has produced 44,371 graduates out of which 183 are PhDs. During the reporting period, 7,250 graduates were produced including 32 PhDs.

Campus wise Graduates

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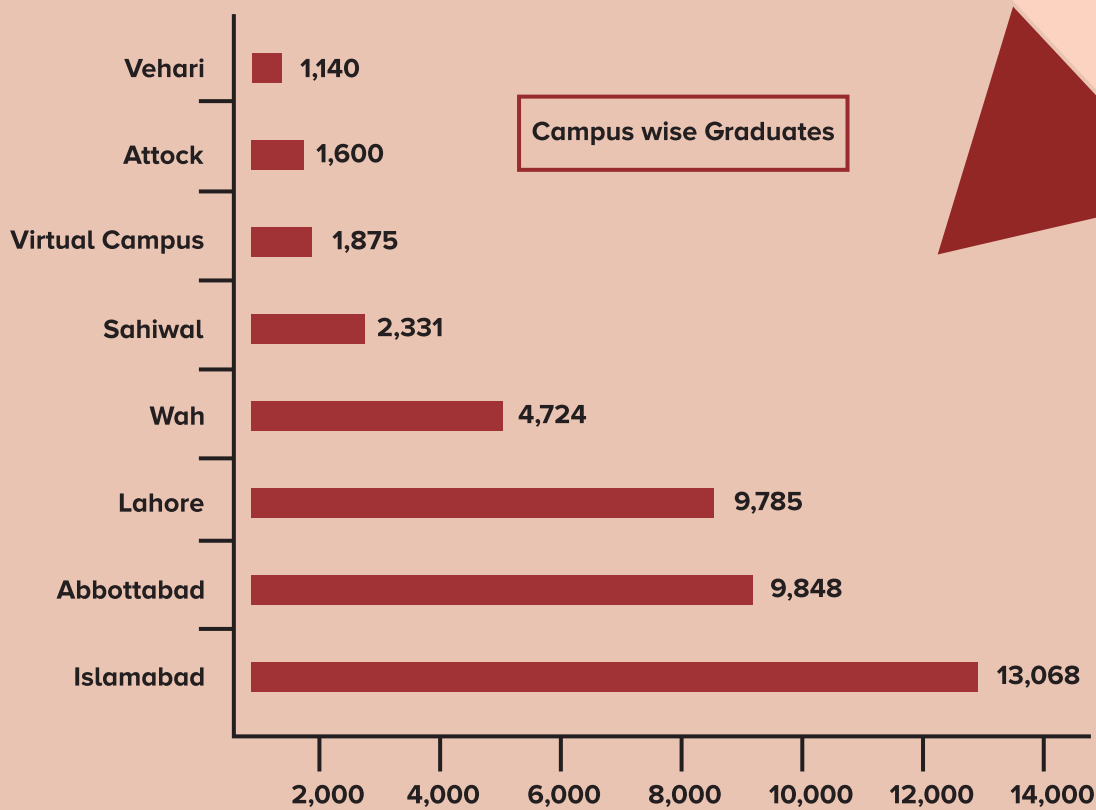
Foreign Academic Linkages

Establishing foreign academic linkages has gained paramount significance over the years. Identifying and exploring the various areas of collaboration such as joint research, student and faculty exchange, joint conferences, and other academic activities, has become one of the key areas for educational institutions.

During the reporting period, 07 international MoUs were signed with the reputed institutions and organizations from China, Morocco, Turkey, USA, and UK. 235 international MoUs have been signed so far.

Also in order to benefit from a mutuality of purpose, 06 national MoUs with prestigious higher education institutions and R&D organizations representing various provinces of Pakistan were conceived and signed. 87 national MoUs have been signed so far. The list of MoUs is provided at Annexure (A).

The detail of few of these linkages is as follows:

Kumamoto University, Japan
Japan Science and Technology Agency annually offers "Japan-Asia Youth Exchange Program in Science". A team of 10 members from CIIT Wah went to Kumamoto University Japan using the platform of UNESCO Water Chair for capacity building in Hydro-informatics from January 16-25, 2017.

Chongqing University of Science and Technology, China
A MoU was signed on April 17, 2017 to promote exchange of teacher and students, exchange of academic materials and information, participate in conferences and academic meetings.

The China University of Petroleum, Beijing, China
A MoU was signed on April 20, 2017 to promote exchange of teacher and students, exchange of academic materials and information, conduct joint research projects and training programs.

Southern China Technology University (SCUT) Guangzhou (School of Electrical Power and Systems)
CIIT Lahore signed an agreement with the University in 2017.

The purpose of this agreement is joint working on R&D projects, sharing knowledge on solar PV& MPPT, micro-grid etc., dissemination of technologies and training of manpower in SCUT China. Two joint projects have been submitted for funding by China NSFC and PSF.

Tsinghua University, China (Institute of Nuclear and New Energy Technologies)
CIIT Lahore signed an agreement with the University in 2017. The purpose of this agreement is joint working on R&D projects and sharing knowledge, dissemination of technologies /products/processes, training of manpower in renewable energy technologies in SCUT China.

Shandong Normal University, Lishan College, Qingzhou City, Shandong, China
CIIT Lahore signed an agreement with the University in 2017. The purpose of this agreement is joint working on R&D projects, sharing knowledge renewable/solar & biomass dissemination of technologies/products /processes, training of manpower in renewable energy.

Yasar University, Turkey
There is an on-going MoU between CIIT and Yasar University. According to the MOU, the main areas of cooperation will be exchange of scholars and staff, graduate and undergraduate students, exchange of academic information and materials, joint research activities and publications, participation in conferences and academic meetings, and other academic exchanges that both universities agree to.

Institutional Linkages

United Nations' Corner Launch & SDGs Poster Exhibition
In celebration of 71 years of United Nations'(UN), CIIT in collaboration with the UN Information Centre (UNIC) organized the launch of the first UN Corner in Pakistan at Junaid Zaidi Library on October 19, 2016. Mr. Asim Iftikhar, Director General (UN), Ministry of Foreign Affairs, inaugurated the corner which will serve as repository of newsletters, journals, reports, magazines and books published by UN systems and its

partners on national, regional and global issues. The model of the corner was originally designed by students of CIIT Architecture & Design department and soon identical corners will be set up in universities and UN Offices across Pakistan with sponsorship from the Swiss Agency for Development & Cooperation (SDC). The launch event was attended by several high officials and diplomats including Mr. Vittorio Camarota, Director UNIC and Mr Benedikt Hurzeler, Deputy-Head SDC. The guests autographed CIIT's UN Wall which was painted by students with specially designed messages that reflect the values of the UN and an exclusive poster exhibition was also showcased at COMSATS Art Gallery (CAG) on the theme of the 17 Sustainable Development Goals (SDGs) to raise awareness among students and general public and promote the universal sustainable development agenda.

Visit of World Learning Head
CIIT hosted the World Learning (WL) Head, Ms. Nadya Karim Shaw, on January 12, 2017 for a meeting with the senior management of CIIT. Head WL was accompanied by CEO of Tele-Taleem, Mr. Asad Karim and Mr. Imdad Ali, Program Coordinator at WL. World Learning is a US based education and training company with a mission to empower people and strengthen institutions through education, sustainable development, and exchange programs. It is working to develop mutually beneficial partnerships that focus on partners' philanthropic and developmental priorities. The visiting executives proposed working in partnership under the 'Strategic Partnerships for Higher Education Innovation and Reform' (SPHEIR) funding program of DFID and to develop and deliver in-demand e-learning courses. It intends to create quality courseware following the latest instructional designs with the involvement of its UK partner, Open University UK.

Mega Delegation from French Universities and Higher Education Networks
A 21-member delegation from France visited CIIT on March 15, 2017. The delegation was led by officials from the French Embassy and Higher Education Commission. This group of academics was on a visit to Pakistan and HEC chose to bring them to CIIT and show case our excellent facilities, labs and prolific research faculty. It was for the very first time that such a large French delegation of academics was on a visit to Pakistan and to CIIT. The visiting delegation had fruitful interactions with Heads of Departments from Management Sciences, Electrical Engineering, Computer Science, Architecture, Humanities and Biosciences. They also met several research scientists who have earned their advanced degrees from different prestigious French universities.

Islamic Research and Training Institute
CIIT Lahore singed an MoU with the Institute on May 31, 2017. The purpose of this MOU is to provide a general framework for facilitating collaboration and cooperation between the parties in establishing the IRTI Corner Library at the library of CIF, with a view to promoting research and training within the curriculum of CIF.

Strengthening Ties with Australian Higher Education Institutions
CIIT made it into the world's most prestigious young universities list and to celebrate this success Head International Office, Dr.

Arshad S. Malik and Associate Professor, Dr. Zahid Iqbal went to Queensland University of Technology in Brisbane Australia to attend the Times Higher Education (THE) Young Universities Summit from April 05-07, 2017. The summit saw a round-up of the world's top academic peers and thought leaders. To make the trip more meaningful, the CIIT team visited partner universities in Sydney and Melbourne in the following week, namely Macquarie University (MU) and Deakin University (DU). The visit allowed reinvigorating the spirit of collaboration and cooperation.
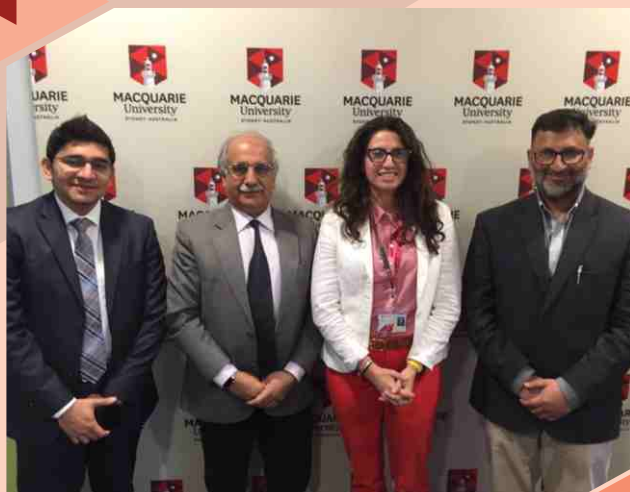
Amanah Institution of Islamic Finance and Economics, Germany
CIIT Lahore signed an agreement with the Institute on April 28, 2017 to organize training and workshop for students and faculty. The agreement is for 04 years.

Visits of Foreign Delegations

In order to promote CIIT's international profile, the Ambassadors, High Commissioners, Heads of Foreign Delegations and International Agencies are invited regularly to visit CIIT. Eminent foreign scholars visiting Pakistan are also invited to deliver lectures and talks to faculty and students. During the reporting period, few of the visits arranged were as follows:

▶ Two senior researchers, Mr. Philop Robert Gass and Mr. Peter James Wooders from International Institute for Sustainable Development visited CIIT on July 19, 2016 to deliver presentations on different topics.
▶ Dr. Shabbir Dastgir, Senior Lecturer, Huddersfield University, UK visited CIIT on July 27, 2016 to seek cooperation between CIIT and Huddersfield University and explore possible avenues of collaboration in terms of student and faculty exchange programs.
▶ Prof. Richard Anderson Falk from American Institute of Pakistan Studies (AIPS), Istanbul, Turkey visited CIIT from August 20 - September 01, 2016 to discuss the possibilities of mutual collaboration/cooperation between the Centre for Climate Research and Development (CCRD) and American Institute of Pakistan Studies (AIPS).
▶ Mr. Sebastien Cartier, Higher Education Attache`, Cultural and Cooperation Department, French Embassy Islamabad visited CIIT on October 06, 2016 to attend the meeting with International Office CIIT officials and share the idea of sponsoring French experts/professors to deliver lectures and to establish "French Corner" at CIIT.
▶ Prof. Munir H. Nayfeh, Department of Physics (UIUC), Prof. Irfan S. Ahmad, Executive Director Center for Nanoscale Science and Technology (UIUC), Prof. Bulent Aydogan, Associate Professor and Director of Medical Physics Prtizker School of Medicine (UoC) visited CIIT Islamabad Campus from February 19-24, 2017. Over the course of the week the professors visited several departments and met with several senior officials and key faculty members. They also delivered several informative lectures and talks for faculty and staff on various topics. The academicians inspired some great ideas for innovative research projects. A panel discussion was also arranged at Cubatore1ne entitled "Innovation-based Entrepreneurship."

Besides, following Ambassadors have visited CIIT during the reporting period:

▶ H.E. Amangeldi Rakhmanov, Ambassador of Turkmenistan (July 22, 2016 and October 13, 2016)
▶ H.E. Mr. Claudio Raja Gabaglia Lins, Ambassador of Brazil (October 05, 2016)
▶ H.E. MR. Mehdi Honardoost, Ambassador of Iran (December 05, 2016 and December 15, 2016)
▶ H.E. Mr. Suchart Liengsaengthong, Ambassador of Kingdom of Thailand (January 05, 2017)
▶ H.E. Dr. Nedim Makarevic, Ambassador of Bosnia (February 22, 2017)
▶ H.E. Mr. Federic Verheyden, Ambassador of Belgium (April 24, 2017)

Honors and Awards

CIIT is proud of all the people who have brought laurels and joyous moments to the Institute. During the reporting period, following such members of CIIT were bestowed upon with different honors/awards:

▶ Dr Rizwan Raza, Assistant Professor, Department of Physics, CIIT Lahore has been ranked first position as a "Young Productive Scientists of Pakistan 2015-2016" under Engineering Science category. The position was announced by Pakistan Council of Science and Technology (PCST) in July 2016.
▶ PCST announced their ranking of scientists in different categories in July 2016. In the 'Physics category', Dr. Shabana Nisar, Assistant Professor, Department of Physics, CIIT Lahore was ranked number one among the CIIT Lahore faculty and ranked the number 01 female Physicist.
▶ Dr Rizwan Raza, Assistant Professor, Department of Physics, CIIT Lahore has been awarded "Commonwealth Early Career Research Award 2016" by ACU member universities, which is one of the prestigious awards.
▶ Ms. Khush Bakht Akram, PhD scholar, Department of

Physics, CIIT Islamabad won 2nd prize for her oral presentation titled "Controllong Charge Mobility in Bilayer Graphene using Gold Nanoparticles" in the 3rd Conference on Frontiers of Nanoscience and Nanotechnology (October 25-27, 2016).

► The Research and Development Directorate, Pakistan Ordnance Factories (POF) organized "POF Chairman's Commendation Award Ceremony" on November 16, 2016 to acknowledge the successful completion of the project titled "Target Indication System", supervised by Dr. Talha Akram, Principal Investigator/Assistant Professor, Department of Electrical Engineering, CIIT Wah and his team. The Chairman POF Board, Lt. Gen. Omar Mahmood Hayat HI(M) appreciated the excellent work done by the students of CIIT Wah. In recognition of the outstanding work, Chairman POF Board awarded the students cash rewards and certificate of merit .

► Dr. Muhammad Fasih Uddin Butt, Assistant Professor, Department of Electrical Engineering supervised a project "Development of a Low Cost Aquaponics System using NI-myRIO" which secured 2nd position in National Instruments International GSD Musabaka Contest held in Beirut, Lebanon and in Frontiers of Information Technology Conference, Islamabad, Pakistan in December 2016.

► Seven Poster Presentations were made by the students of Department of Physics, CIIT Islamabad under the supervision of Dr. Muhammad Anis ur Rehman, Associate Professor in 1st International Conference on Mathematics and Physics (February 14-16, 2017). One of the presentation got first prize.

► Prof. Dr. Aslam Noor, Eminent professor, Department of Mathematics has been awarded Sitara-e-Imtiaz by the Governor of Punjab at Governor House on March 23, 2017 for his immaculate efforts in the field of Mathematics.

► Dr. Syed M Nurulain, Associate Professor, Department of Biosciences, has been selected as Science Mentor/Supervisor in April 2017 for STFS Students under Project titled "Science Talent Farming Scheme of Pakistan Science Foundation (STFS) for 1800 Young Students, Phase-I.

► Dr. Farzana Ashraf, Assistant Professor, Department of Humanities, CIIT Lahore research paper was awarded 3rd prize among 35 papers in International Conference on Health Psychology: Issues and Challenges on May 14, 2017.

► PCST announced Best Young Researcher Young Scientists (under 40 years of age) in Mathematical Sciences category in June 2017. Dr. Abdul Jawad, Assistant Professor, and Dr. Shamaila Rani, Assistant Professor, Department of Mathematics, CIIT Lahore secured 6th and 16th position respectively.

► Mr. Muhammad Umer, Lecturer, Department of Management Sciences, CIIT Islamabad was selected by Shanghai Corporation Organization, China to represent Pakistan in SCO-2016 Youth Summit (August 21-31, 2016) in Beijing, China.

Research & Development

An Overview

The mission of CIIT's meshes very well with its strategic aim for developing a knowledge economy benefitting socio-economic environment in the country. To fulfill its ideas, the Office of Research, Innovation and Commercialization (ORIC) was established in 2011 with the aim of linking university research directly with educational, social and economic priorities of CIIT and its broader communities. The ORIC slogan is "Creating endless opportunities by transforming research into prosperity."

The ORIC at CIIT operates with the following Terms of Reference:
- ▶ Enhancing research culture
- ▶ Promoting inter/cross disciplinary research
- ▶ Building university – industry linkages
- ▶ Inculcating entrepreneurship among researchers
- ▶ Generating intellectual property through research, innovation, and commercialization
- ▶ Establishing technology/innovation/business parks
- ▶ Catalyzing technology transfer through spin off companies and licensing
- ▶ Augmenting capacity building of research/corporate community

In this context it will not be out of place to mention here that from the last few years the progress of ORIC is rapidly improving. Especially in term of Research Projects, Travel Grants to faculty members, patents, holding of International Conferences and publication of research papers in national and international Journals by the faculty of CIIT. During 2016-17, 270 research projects and 121 travel grant applications were submitted by CIIT to different funding agencies out of which 148 projects and 85 travel grant applications were approved. During the same year, 1500 publications have been recorded.

Operations of ORIC

During the reporting period, following activities were carried out through ORIC:

CIIT Research Grant Program (CRGP)
ORIC undertook diversification of CIIT's research portfolio by identifying and submitting research proposals to multi-faceted national and international funding agencies. To improve the above targets more, ORIC developed a booklet "Research Grant Programs of National and International Funding Agencies" for the convenience of CIIT faculty and researchers. In addition to above, a program namely CIIT Research Grant Program (CRGP) was introduced in 2005 to award research grants to young faculty members up to Rs 200,000/- for a duration of two years. During the year 2016-17, under the said program, 37 research proposals were approved and funds released to the awardees.

Research Productivity Awards
CIIT also encourages its faculty to enhance quality research. CIIT-Research Productivity Awards is the annual activity. A total of 971 Research Productivity Awards were conferred upon CIIT scientists and researchers in 2016-17.

PhD Supervisors
The approved PhD Supervisors are the backbone for a university. In this regard, 487 CIIT faculty members have been approved as PhD Supervisors by HEC up to fiscal year 2016-17.

Intellectual Property Rights
Intellectual Property (IP) Rights is of paramount importance in order to protect inventor's rights and produce research that will provide full innovation and commercialization. CIIT has developed in-house capacity to provide IP support to its researchers and file patent applications locally and internationally. During 2016-17, CIIT filed 10 US patents, 01 UK patent and 05 Pakistani patents based on applied research of its faculty while 5 patents (US 4+Pak 1) were accepted. CIIT also provided trainings on understanding IP Rights and Patenting to researchers from many universities.

ORIC- Professional Development (ORIC-PD)

ORIC-PD is a flagship program of the ORIC at CIIT whose goal is equipping professionals with modern knowledge and skills which are favored by leaders of different professions and exposing the faculty to industry needs in training and development. Our seminars contain an excellent combination of lectures, discussion, and hands-on workshops to ensure learning is maximized. The over-arching objective of the program is to expose CIIT faculty to practical application of knowledge through direct interaction with practitioners.

A number of training activities for university researchers in broader areas ranging from scientific manuscript and research proposal writing, to drafting patents, as well as using SPSS, AMOS for social sciences and health research were organized. Similarly, in order to cater to the needs of the industry, areas like ISO 17025 accreditation, drug discovery and development, strategic foresight, food safety and improving drug delivery standard at community pharmacy were touched. Engagement with the Pharmaceutical Industry was the highlight of the year, with participation from Cirin Pharma, Don Valley Pharmaceuticals, Shaigan Pharma, Nabi Qasim Pharmaceuticals, D. Watsons Chemists, Nelson Group of Pharmacies and Warafana Pharmaceuticals in our programs. Furthermore, workshops and awareness activities underscoring teaching and research skills in line with the mandate of ORIC were also conducted. It is worthwhile mentioning that over 800 industry professionals, researchers, faculty members and experts have benefitted from ORIC-PD training workshops and activities.

During the reporting period, following trainings were organized under ORIC- Professional Development Program:

Seminar on Science Centers and Science Museums, November 17, 2016

As part of efforts to promote scientific thought and learning, ORIC-PD partnered with COMSATS Secretariat to organize this seminar, commemorating the World Science Day for Peace and Development. The seminar was chaired by honorable Dr. Ishtar Ahmad, N.I.,H.I.,S.I.veteran Pakistani nuclear physicist, emeritus professor of high-energy physics at the National Center for Physics, and former science advisor to the Government of Pakistan.

Awareness Session on Defensive Driving, November 23-25, 2016

ORIC-PD partnered with the Islamabad City Traffic Police to organize a three day awareness session on defensive driving for the benefits of its staff drivers as well as students and faculty.

Seminar on Intellectual Property Rights, May 19, 2017

An awareness seminar on Intellectual Property Rights in partnership with Intellectual Property Organization (IPO) of Pakistan for the benefit of researchers and faculty in the Islamabad Campus was organized by ORIC-PD.

Besides these, following trainings/workshops were organized by ORIC-PD during the reporting period:

Sr.	Workshop	Date
1	Workshop on Scientific Manuscript Writing	July 25-26, 2016
2	Workshop on ISO 17025 Accreditation; Understanding the Challenge	August 10-11, 2016
3	Workshop on Effective Negotiation Skills	August 30, 2016
4	Workshop on Teaching with Care	September 27-28, 2016
5	Workshop on SPSS for Public Health and Life Sciences Research	November 07-09, 2016
7	Workshop on Drug Discovery and Development	December 21-23, 2016
8	Workshop on Corporate Strategic Foresight and Strategy Development	December 22, 2016
9	Training Session on Drafting Patents	January 11-12, 2017
10	Workshop on Writing Winning Research Proposals	January 30-31, 2017
11	Training on Food Safety and Hygiene Management	March 24, 2017
12	Workshop on Structural Equation Modeling Using AMOS	May 11, 2017
13	Workshop on Improving Drug Delivery Standards and Regulatory Compliance in Community Pharmacy	May 16-17, 2017

Research Projects

The research projects at CIIT are carried out through different funding agencies. The research projects/proposals approved, completed and in-process during the reporting period are as follows:

Sr.	Funding Agency	No. of Cases	Amount (in millions)
1	National Research Grant Program for Universities (HEC)	65	328.11
2	Start up Research Grant HEC (IPFP)	57	22.72
3	Travel Grant to University Teachers	85	19.1
4	Seminars Conferences/ Workshops	10	8.18
5	Pakistan Science Foundation	8	37.5
6	NESCOM	5	0.58
7	Thematic Research Grant Program (HEC)	3	10.4
8	National ICT R& D	2	25.96
9	Technology Development Fund (HEC).	2	22.38
10	Access to Scientific Instrumentation	1	0.05
11	International Institute for Sustainable Development	1	2.66

Sr.	Funding Agency	No. of Cases	Amount (in millions)
12	Pakistan Health Research Council	1	0.5
13	Pakistan Program for Collaborative Research (PPCR)	1	0.34
14	PSF and TUBITAK	1	5.37
15	UBIOME, INC California USA (Industry)	1	7.68
16	USAID (PEER)	1	31.5
	Total	**244**	**523.03**

Research Projects Completed

Sr.	Program	No. of Cases
1	Start up Research Grant (HEC)	68
2	National Research Grant Program for Universities (HEC)	2
3	Lab Strengthening & Library up gradation (HEC)	2
4	International Foundation for Science (IFS)	1
5	Pakistan Science Foundation	1

Research Proposals In-process

Sr.	Funding Agency	No. of Cases
1	Start up Research Grant, HEC	64
2	International Foundation for Science (IFS)	4
3	ISESCO Joint Research Grant Program	2
4	USAID Pakistan Center for Advanced Studies in Energy	3
5	National ICT R&D FUND	5
6	Pakistan Science Foundation	19
7	Grant for Maintenance of Scientific Equipments, HEC	3
8	Access to Scientific Instrumentation, HEC	1
9	Institutional Strengthening, HEC	7
10	IRSIP, HEC	1
11	Pakistan Agricultural Research Council	37
12	Economic & Social Research Council	1
13	Endowment Fund University of Agriculture Faisalabad	4

Sr.	Funding Agency	No. of Cases
14	HEREF Research Grant KPK	1
15	Ministry of Planning Development & Reform (Education Section) Govt. of Pakistan	4
16	Pakistan Health Research Council	3
17	Pak-US Joint Research Program	30
18	Spencer Foundation USA	1
19	UBIOME, INC California USA (Industry)	1
20	TWAS-COMSTECH Research Grant	6
21	Wel Come Trust USA	3
22	Thematic Research Grant HEC	19
23	U. S - Japan Cooperative Medical Sciences Program	1
24	University Industry Technology Support Program HEC	1
25	Pakistan-US Alumni Network Small Grants Program	1
26	NESCOM Research Collaboration Program	5
27	Technology Development Fund	10
28	Text-Book & Monograph Writing Scheme	2
29	COMSATS Headquarter	1
30	Pakistan Program for Collaborative Research (PPCR)	6
31	Pak-France Joint Research Grant PERIDOT	9
32	Islamic Development Bank	4
33	Misc. Research Projects, HEC	3

Research Publications

CIIT has witnessed a continuous rise in the research publications since 2005. This speaks volumes of the magnitude of research being done by the faculty of the institute. Until December 2016, 7,132 research papers have been published by CIIT faculty whereas during 2016 the number stands at 1,500. A summary of the published research papers is provided below:
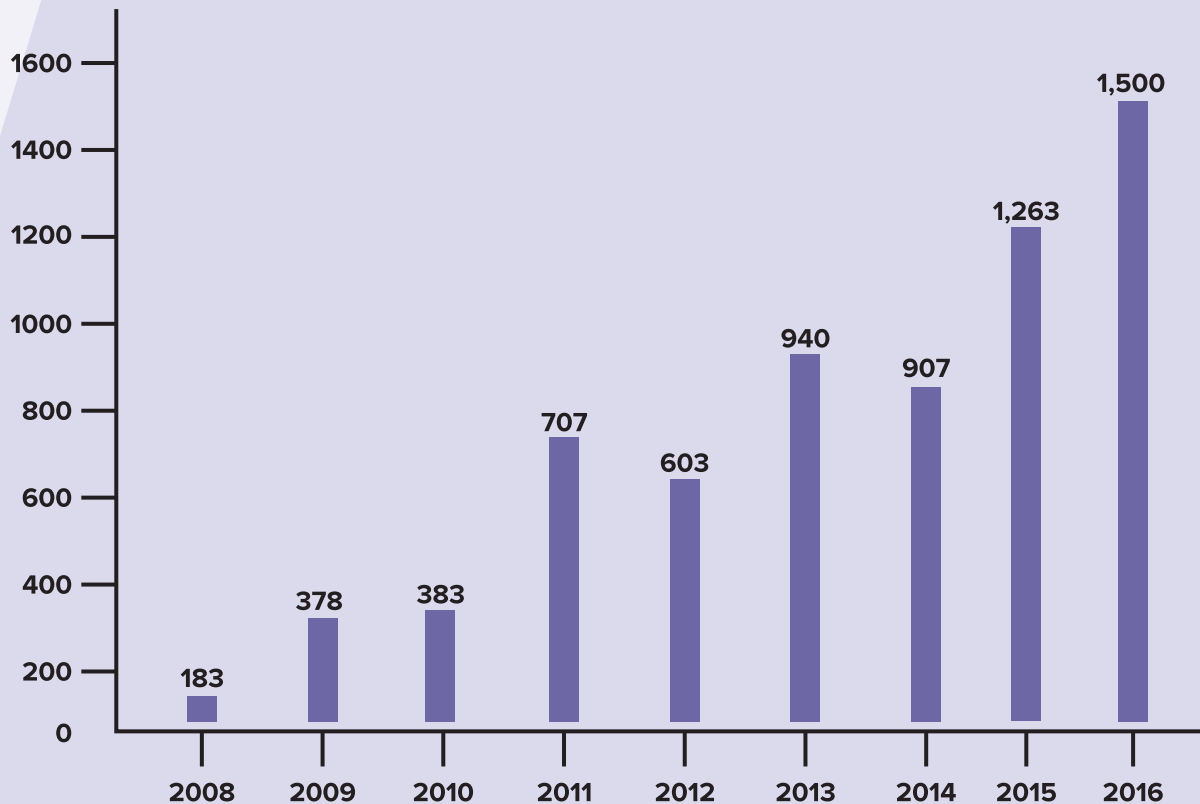
Products Developed by Center for Advanced Studies in Telecommunication (CAST)

CIIT Tour Guide
An informative android application has been launched by CAST in February 2017 which facilities current and prospective CIIT students to know various statistics about CIIT. This also involve scheme of studies of different programs, buses routes and maps etc.

CIIT Faculty Café Menu
This application was launched by CAST in May 2017 to facilitate the fellow faculty members by updating them with the faculty café menu on daily basis. The sever end of application is deployed at faculty café and the menu is updated on daily basis.

Scan and Save Business Card
Important business cards are often lost and it is hard to save information from all cards manually. Therefore to address this problem an intelligent application based on optical character recognition was developed in June 2017 which automatically scans and saves all information available on a business card in the phone contact.

Conferences, Seminars, and Workshops

Conferences, seminars, and workshops are the major source of gathering new information and to exchange ideas on the trends in research, upcoming technologies, and much more. It is also a platform to network with the people from various fields and benefit from their experience. CIIT since its inception has arranged numerous conferences, seminars, and workshops for the benefit of its faculty, students, and staff as well as community at large. The detail of the important ones held during the reporting period is given below:

International Conference on Pakistan Turkmenistan Relations in the Light of 25 Years of Turkmenistan's Independence

Center for Policy Studies (CPS) organized this international conference on October 13, 2016 at CIIT Islamabad. While conveying felicitations on this occasion, Ambassador Fauzia Nasreen, Head, CPS mentioned about the major achievements of Turkmenistan since 1991 focusing on smooth transition, fast tracked process of development and progress as well as in the international sphere. The main address was delivered by Mr.

Baba Zahirov Rector Turkmen Institute of International Relations. He highlighted the significant developments that have taken place during the last twenty five years emphasizing that Turkmen President has given priority to the social guarantees in keeping with his motto "The state is for people."

International Seminar on Peace, Trust Building and Sustainable Development

The seminar was organized by CPS on December 16, 2016 at CIIT Islamabad. The main aim of this seminar was an exchange of knowledge and share experiences regarding peace, trust building and sustainable development. Members of civil societies and academia from different parts of the world participated in this seminar.

6th International Workshop on Internet Security

Enhancing Information Exchange Safeguards December 19-23, 2016, Rabat, Morocco: INIT successfully convened 6th edition of the 05 days International Workshop on Internet Security: Enhancing Information Exchange Safeguards from December 19-23, 2016 at Rabat, Morocco. The other collaborating partners included ISESCO and COMSATS. The workshop was inaugurated by Dr. Tariq Mahmood, Director (Sciences), ISESCO followed by an address by Engr. Tahir Naeem, Executive Director, INIT who briefly apprised about the outreach of the 5 earlier editions of the workshop wherein over 160 practitioners from around 50 countries have been trained.

4th Meeting of the Arab Technology Incubators and Techno Parks Network (ARTECNET), Rabat, Morocco, December 20-22, 2016

In reference to the INIT's ongoing collaboration with International Telecommunications Union (ITU) an invitation was extended to attend the 4th meeting of the ARTECHNET organized by ITU, Arab Region. The meeting was organized in the premises of the RMIE (Reseau Marocain des Incubateurs et de l'Essaimage), Rabat. The meeting aimed at capacity building of incubator managers and other stakeholders in the Arab

Region. The meeting was held under the auspices of ITU which brings together 193 member states and more than 700 sector members and associates from industry, international and regional organizations, as well as academia.

Workshop on Building High Impact Communication Skills

This 02 days workshop was organized by the CPS in collaboration with the Faculty Development Academy from January 23-24, 2017. It was attended by senior faculty from different campuses of CIIT and other universities based in Islamabad. The workshop was exclusively conducted by Dr. Khurram Sharif, Professor, Department of Marketing and Management, Qatar University.

Seminar on Addressing Pakistan's Declining Exports

The seminar was organized by CPS on March 02, 2017. The objective of the seminar was to evaluate the export performance and suggest policy recommendations which would be helpful in setting policy direction to improve the performance of the exports. Dr. Talat Anwar, Advisor CPS, gave welcome remarks.

Islamabad Campus

Intensive Communication Training (ICT) - A Regular Feature of Humanities Department

A very promising and regular feature of Department of Humanities is the Intensive Communication Training ICT being regularly offered. The training focuses on learning to communicate with greater confidence, discerning how to steer conversations and influence people to enhance professionalism at work, discovering how to analyze and utilize body language to the best of one's advantage, and developing effective listening techniques to build rapport. Further a special focus on native speaker's pronunciation, tone, expression and vocabulary makes an important component of training. In summer 2016, the course was offered to the faculty and administration CIIT whereby some 75 faculty and staff members benefitted from the event.

Workshop on Android Mobile Application Development

Department of Computer Science arranged a ten days training workshop from July 25-August 05, 2016. 23 students

participated in the workshop. Students from other universities such as FAST, Riphah International University, CIIT Wah, CIIT Attock along with CIIT Islamabad students participated in this workshop.

The South Asian International Conference (SAICON)
SAICON is an annual conference organized by the CIIT, the custodians of the South Asian Chapter of the Academy for Global Business Advancement (AGBA). SAICON is a platform through which contemporary and developing ideas on business, economic and social sciences are discussed where academics and researchers interact with the industry professionals. Department of Management Sciences, CIIT Islamabad conducted the annual international conference with this year theme as "Sustainability: A Business Imperative" in August 2016. 8th SAICON included the following Research Papers (Theoretical & Empirical), Working Papers, Case Studies and Student Papers.

Workshop on Optics and Photonics
Department of Physics organized this 05 days workshop on August 15, 2016. The opening session of the workshop was chaired by Dr. Shaukat Hameed Khan, an internationally renowned researcher and inventor in the field of Optics and Photonics. The attendees of the workshop were researchers and students from various disciplines including Physics, Engineering, and Biology affiliated to Pakistan Atomic Energy Commission, Quaid-e-Azam University and NUST.

Talk on Securing Internet of Things
Department of Computer Science arranged this talk on August 30, 2016. It was delivered by Dr. Shahid Raza, Senior Researcher at the Networked Embedded Systems group SICS Swedish ICT, Stockholm, Sweden. He discussed the security challenges faced by IoT and possible solutions.

Workshop on Japanese Technique of Woodblock Printmaking
Department of Architecture organized this workshop from October 20-November 01, 2016. The funding for the workshop was provided by Higher Education Commission (HEC) of Pakistan.

Medical Imaging Symposium 2016
Medical Image Processing Research Group (MIPRG) at the

Department of Electrical Engineering organized this symposium in November 2016. Lt. Gen. Syed Muhammad Imran Majeed, HI(M), Vice Chancellor, National University of Medical Sciences (NUMS), Rawalpindi was the chief guest.

Seminar on The Effect of Holy Quran Memorization on Brain Atrophy Using Magnetic Resonance Imaging Techniques
The seminar was arranged by Department of Electrical Engineering in November 2016 to share the research results of a TWAS (The World Academy of Sciences) post-doctoral visiting scholar Dr. Mukaila Alade Rahman where the chief guest was His Excellency MR. Aminu Abdulkadir, High Commissioner, Federal Republic of Nigeria, Pakistan.

Lecture on Deep Learning
Department of Computer Science arranged the lecture in November 2016. Prof. Dr. Asifullah and Dr. Naeem Akhtar from PIEAS gave an hour long talk on Deep Learning, especially in the context of Convolutional Neural Network from the perspective of Computer Vision.

Workshop on Android Application Development
Department of Computer Science arranged this workshop in November 2016. Broad peak Technologies, a leading technology company delivering broad range of products and services across industries to both local and international market conducted this hands on workshop.

Seminar on Investigations into Precipitation and Drought Climatologies in South Central Asia with Special Focus on Pakistan
Department of Meteorology organized this seminar on November 10, 2016. The focus period was from 1951-2010. Mr. Shahzada Adnan from Pakistan Meteorological Department was the resource person.

International Conference on CPEC-OBOR & Beyond
The China Study Center organized this international conference on November 14, 2016. Eminent scholars from China along with a large number of members of the Diplomatic core belonging to OBOR (One Belt One Road) countries participated in the conference. Senator Mushahid Hussain and the Deputy Head of Mission of the Embassy of People's Republic of China

addressed in the opening session. The topics of the 03 technical sessions were as follows:

- ▶ Geopolitical Implications for the Region
- ▶ Economic & Security challenges
- ▶ Media & Culture

Seminar on CERN Activities and Opportunities
Department of Physics organized this seminar on November 16, 2016. The main speaker of this seminar was Dr. Paolo Martinengo (ALICE EP, coordinator).

Seminar on Dynamics of South-Asian Summer Monsoon System and Climate Change with Special Focus on Pakistan
Department of Meteorology arranged this seminar on November 29, 2016. It was delivered by Mr. Muhammad Latif, Lecturer, Department of Meteorology, CIIT Islamabad.

International Conference on Research and Enterprise on Food Safety in Developing World
Department of Biosciences organized this international conference in December 2016 focusing on the issues faced by developing world for food safety & security and ongoing research on food safety. The event brought together international experts, German alumni, food safety experts, scientists, academicians, entrepreneurs and students.

International GIS Day
Department of Meteorology the day on December 01, 2016. The theme for this year was Geospatial Science and CPEC Challenges. The aim was to raise public awareness of the importance of Geographic Information System (GIS); the applications of GIS and to sensitize the stakeholders towards advocating the role of GIS in our society. The event helped to promote awareness of GIS, and how we use this evolving tool to analyze our world. With such a vision, this event brought together researchers, educators, governmental and non-governmental organizations and policy makers working in different institutions to share ideas and propose research priorities in the field.

Workshop on A Unique Way to Learn Newtonian Mechanics
Department of Physics organized this workshop on December 06 and 08, 2016. Dr. Samya Zain, Associate Professor and Chair of Department of Physics, Susquehanna University, USA conducted this workshop. She demonstrated how to make teaching interesting and increase students' involvement in classroom activities.

Workshop on Lattex
Department of Physics organized this 03 days introductory workshop on Latex from January 24-26, 2017. Available as a free software, Latex is a high-quality typesetting system. It includes features designed for the production of technical and scientific documentation. Twenty four faculty members and students attended the said workshop.

Marketing Symposium
Department of Management Sciences arranged a Marketing Symposium on May 24, 2017, where entrepreneurs and digital marketing gurus interacted with the marketing students. The sessions were focused on innovative trends in e-marketing and trained the students to connect with customers in real-time by using the power of cloud computing. The networking dinner, afterwards, allowed the guests to interrelate with the members of the department.

Seminar on Architectural Education: Design Pedagogies; Analyzing Current Trends And Shaping the Future
The seminar was organized by the Department of Architecture and Design from June 06-07, 2017. Various research topics were covered during the seminar few of which include role of artist/art in architectural education, integrating intuitive and systematic approach to studio design teaching to achieve studio objectives, history and its philosophy as part of architecture design pedagogy, learning history through the study of architecture etc.

Abbottabad Campus

13th Biennial Conference of Pakistan Society for Biochemistry and Molecular Biology on Recent Advances & Challenges in Molecular Biology, Biochemistry & Biotechnology
The conference was organized by Center for Advanced Drug Research (CADR) from August 25-27, 2016. The conference was a great platform for scientists around the globe to discuss the current developments in the fields of Biochemistry, Molecular Biology, and Advanced Biotechnology. The event provided an opportunity to MS/PhD scholars, young researchers and faculty members to pave the path for meaningful collaboration. The conference brought together several professionals from academia, industries, local and international researchers, and agencies to translate ideas, current trends, and modern technologies in this field.

Seminar on Investor Education
The seminar was held on September 21, 2016. Syed Murtaza Abbas Naqvi, Joint Director Investors Education and International Relations Department, Securities and Exchange Commission of Pakistan, Islamabad was the Guest Speaker. He delivered a detailed talk on the subject seminar and made the session very interactive. Seminar focused on increasing

financial literacy and investor awareness about Capital Markets and its related products.

Seminar on Outcome Based Education (OBE) System
Department of Civil Engineering in collaboration with Pakistan Engineering Council organized this seminar on October 06, 2016. Dr. Muhammad Atiq-ur-Rehman Tariq (HoD CUST University, Islamabad) was invited as a guest speaker. The gist of the seminar was to delve into the question of how to incorporate psychomotor and affective domain of Bloom's Taxonomy in preparation of Course Learning Outcomes (CLOs) as per OBE guidelines.

One Day Training on Youth Action for Peace
It was organized on October 26, 2016 with Collaboration of Community World Services Islamabad. 25 Students from different batches of Bachelor of Development Studies program participated in the training. Further 05 students from Bachelor of Electrical Engineering, Computer Engineering and BEC also participated in the event. They took active part in different activities of Space Week organized with collaboration of SUPARCO.

International/Regional Workshop on Climate Change Adaptation and Humanitarian Aid – Focus on South Asia
Department of Development Studies organized the workshop on November 01, 2016. Introduction of the workshop was given by Dr. Ingrid Nyborg from University of Life Sciences, Norway and Dr. Bahadar Nawab Khattak, Head Department of Development Studies, CIIT Abbottabad. Dr. Terry Cannon, IDS UK delivered the key note speech on "What Causes Disasters and what will Climate Change Do?" His Excellency Mr. Tore Nedrebo, Ambassador, Royal Norwegian Embassy, Norway, Islamabad was the Guest of Honor at the event. Miss Sigrid Nagoda and the other team members from Nepal also delivered a talk. Experts from Government, United Nations, International NGOs and Academia participated in panel discussion

Workshop on Game Development
The workshop was organized by the Department of Computer Science on November 02, 2016 to aware the students of various state of art game development engines, frameworks, and technologies. The workshop especially covered in depth, the level modeling using 3D MAX, Game Engine Unity 3D, and Photoshop designing and texturing.

Lecture on Application of Ionizing Radiations in Everyday Life, Radiation Hazards & Means of Protection
Pakistan Nuclear Regulatory Authority (PNRA) is the national nuclear regulatory body with the mission to protect the radiation workers, the general public and the environment from harmful effects of ionizing radiations. The representative of PNRA, Muhammad Shahid and Mr. Kashif delivered lecture on November 07, 2016 at the Department of Environmental Sciences. The lecture focused on the application of ionizing radiations in everyday life and their harmful effects on human health and the environment. It was also helpful to answer the queries of the students related with nuclear phobia.

Workshop on Microsoft Azure
This workshop was organized by the Department of Computer Science from November 16-17, 2016 to familiarize students with the cloud computing technologies. Main topics covered in the workshop were Introduction to Azure Services, Azure Activation through Dream Spark, Azure for websites, Azure SQL database and Azure Artificial Intelligence Program.

Seminar on US-Pakistan Knowledge Corridor and HEC's Talent Farming
A video conference session on US-Pakistan Knowledge Corridor and HEC's Talent Farming was held on November 23, 2016. Dr. Mahmood ul Hassan Butt, Consultant, HEC and Incharge of the subject project delivered a short and informative talk on the subject. Faculty members of different departments along with their HoDs attended the session.

Webinar on Research Proposal by Professor Robert Faff from University of Queensland Australia
Professor Dr. Robert Faff is a world class researcher at University of Queensland (UQ), Australia. He gave a free webinar to the faculty and students of CIIT Abbottabad on November 23, 2016. The purpose of this webinar was to enable the audience to view the type of research proposals demand in the research industry these days, and have a guideline for preparation of a research proposal with high chances of acceptance and attaining scholarship in world renowned universities.

Workshop on Cryptography
The workshop was organized by the Department of Computer Science on March 18, 2017 to study and practice the techniques of secure communication during the presence of third parties. Dr. Mazhar and Dr. Mudassar Aslam were resource persons of the workshop.

Seminar on Cyber Defense
Department of Computer Science organized this event with the collaboration of IEEE Computer Society Chapter COMSATS Abbottabad & Cloud Security Alliance Chapter Pakistan on March 30, 2017. The seminar contained brief introduction of cyber security and how to start a new tech venture (entrepreneurship).

Workshop on the Role of Entrepreneurs/NGIs for Environmental Uplift
The workshop was organized by the Department of Environmental Sciences on April 05, 2017. A large number of faculty members, research scholars and undergraduate students attended the session.

Workshop on Outcome Based Education (OBE)
The workshop on the subject was jointly organized by Department of Electrical Engineering and Civil Engineering on April 15, 2017. Dr. Imtiaz Ali Taj, guest speaker from Capital University of Science & Technology, Islamabad, delivered a lecture on Continuous Quality Improvement while the other speaker Dr. Atiq-ur-Rehman, also from the same University delivered a lecture on Self-Assessment Report.

10th Technomoot
CIIT Abbottabad organized its 10th high-tech national level event consisting of seminars, symposia and exhibitions under the umbrella of Technomoot from May 09-10, 2017. It is a multidimensional gathering of people from different sciences and technologies. Technomoot 2017 comprised of EMCOT (Electrical Engineering), Computational Complexities, Innovations, and Solutions (CCIS, Mathematics), Conference of Software Enterprise (CSE), Vision ICT (Computer Science), Miles (Management Sciences), Height and (Humanities).

Workshop on Islamic Finance for Shariah Scholars and Bankers
Center of Islamic Finance (CIF), CIIT in collaboration with State Bank of Pakistan organized this two days workshop from May 17-18, 2017 at CIIT Abbottabad for Shariah Scholars and Bankers of the region. More than 80 Shariah scholars and senior bankers attended the workshop. Renowned Shariah scholar Qazi Abdul Samad, Resident Shariah Advisor, Bank of Khyber and International trainer conducted the workshop.

Seminar on Robotics
Department of Computer Science and Electrical Engineering hosted together a seminar under the IET on Campus activity on May 12, 2017. The seminar included talks on Robotics delivered by Dr. Ahmad Din, Assistant Professor, Department of Computer Science, CIIT Abbottabad and the invited speaker Dr. Yasar Ayaz, Head of Robotics and Machine Intelligence Department, NUST. The seminar concluded with a short showcase event by Dr. Safdar Zaman, Assistant Professor, Department of Computer Science, CIIT Abbottabad who displayed robotics projects done by his students. In the end, deliberations were made to jointly participate in the Artificial Intelligence Excellence Center in which NUST and CIIT Abbottabad are the partners.

Wah Campus

Seminar on Detection of Node Replication Attack in Wireless Sensor Networks
Department of Computer Science arranged this seminar on September 20, 2016. Dr. Wazirzada Khan, Lecturer, Jazan University, Saudi Arabia was the guest speaker. He shared a number of research ideas with the students and faculty and briefed them about what type of research is required globally.

Workshop on Sustainable Urban Development, Challenges & Opportunities
Department of Management Sciences organized this two days workshop from September 27-28, 2016. The workshop aimed to identify the issues and explore the latest knowledge based skills required to make Pakistani cities sustainable. Dr. Imran Muhammad from Massey University, New Zealand was keynote speaker and addressed the issues in detail. Experts from various public/private organizations shared their knowledge and expertise with audience.

Seminar on Fourier Analysis and Spectrum Estimation
Department of Electrical Engineering arranged this seminar on September 29, 2016. It highlighted the importance of spectrum analysis and its application in communication, image processing and control sessions.

Seminar on Market Opportunities for IT Students
Department of Computer Science arranged this seminar on October 01, 2016. Mr. Ghulam Abbas, Managing Director, Digital Applications, Islamabad, was the guest speaker. He highlighted important IT skills required to get job in market.

Seminar on Android Development Architecture-Practical Guide
Department of Computer Science arranged this seminar by guest speaker Mr. Zubair Ahmad Khan from Software Product Strategies, Inc., Islamabad, on October 01, 2016. The guest speaker shared recent development in the area and his experiences with the students.

Workshop on OBL System and its Smooth Implementation
Department of Electrical Engineering arranged this workshop on October 03, 2016. All faculty members and lab staff of the department participated in the workshop. Detailed presentations were given about the OBL system and its smooth implementation.

Seminar on an Informal Introduction to Formal Methods
Department of Electrical Engineering arranged this seminar on October 06, 2016. Guest Speaker, Dr. Osman Hasan, Assistant Professor, SEECS NUST informed the audience on subject.

Seminar on Concepts of ERP in SAP
Department of Computer Science arranged this seminar on October 07, 2016. Syed Wajahat Ali, Executive Information Systems, Fauji Fertilizer Company (FFC), Rawalpindi was the guest speaker. He shared knowledge and his experience on subject with students.

Seminar on Three-Dimensional Mixed Convection Flow of Viscoelastic Fluid with Thermal Radiation and Convective Condition
Department of Mathematics arranged this seminar on October 20, 2016. The students showed keen interest in mathematical techniques.

14th Visio Spark
14th episode of Visio Spark 2016, National Level Mega IT Competition Event, organized by the Department of Computer Science was held on November 12, 2016. The objective of the event was to provide an opportunity to future IT professional to

exhibit their skills and get them familiarized with latest trends of the fast-developing IT sector. More than 400 students from 30 Pakistani Universities showed their expertise/skills in seven different competitions including software projects, quiz competition, poster designing, on-spot programming, mobile app development, e-gaming and IT mushaira. Director General, E-Governance, Punjab Technology Board, Punjab Government, Mr. Sajid Latif was the Chief Guest for the closing ceremony.

Seminar on IT World beyond Software Development
Department of Computer Science organized this seminar on November 14, 2016. Mr. Ijaz Haider Malik, Senior Manager IT Projects (ETISALAT - PTCL HQs, Islamabad) was the guest speaker.

Seminar on IT Entrepreneurship
Department of Computer Science organized this seminar on November 16, 2016. Mr. Muhammad Haseeb Asif, Assistant Manager, Software Development at S&P Capital IQ and SNL, Islamabad was the guest speaker.

Seminar on Accounting Practices adopted by Banking Industry of Pakistan
Department of Management Sciences organized this seminar on November 24, 2016. The guest speaker, Mr. Abid Khan, Branch Manager, Summit Bank, Wah Cantt Branch guided students and shared recent developments in banking sector and his experience working with industry.

Seminar on Entrepreneurship
Department of Management Sciences organized this seminar on November 25, 2016. The guest speakers, Mr. Usman Shaukat and Mr. Irfan from Rawalpindi Chamber of Commerce guided students about recent trends in business and how to become an entrepreneur.

Workshop on Sustainability and Renewable Energy Technologies
Department of Electrical Engineering organized this workshop on December 09, 2016. Mr. Waqas Idress, a Fulbright Scholar and Energy Analyst for US based Company in Islamabad, shared updates and guided students on sustainability which

aimed to introduce renewable energy technologies and the current energy mix of Pakistan.

14th International Conference on Frontiers of Information Technology (FIT)
14th FIT started on December 19, 2016 and after hectic academic activities for three days, successfully concluded on December 21, 2016. Rector CIIT, in the inaugural address highlighted the ever increasing influence of IT in our lives and accordingly the role and importance of an international conference like FIT. The conference was a blend of different events, including keynote address, technical sessions, invited talks, tutorials, workshops, PhD symposium, Best IT Innovation Award (BITA), project exhibition and panel discussion. Dr. Professor Hermann Maurer from Graz University of Technology, Austria delivered the key note address.

Seminar on Dedicated Short Range Communications: What, Why and How
Department of Electrical Engineering organized this seminar on December 22, 2016. Prof. Dr. Imran Hayee, University of Minnesota Duluth, USA was guest speaker and shared recent research in the area. A large number of faculty members and students benefited from the session.

Seminar on Exam Preparation: Lessons for Ethics, Science and Religion
Department of Electrical Engineering organized this seminar on December 22, 2016. Prof. Dr. Amir Hussain from University of Stirling, UK was guest.

Seminar on Capital and Financial Markets in Pakistan
Department of Management Sciences organized this seminar on December 27, 2016. CEO of Institute of Financial Markets of Pakistan established by SECP was the guest speaker. He highlighted important issues on capital and financial markets in Pakistan as well as introduced the certification offered by the Institute of Financial Markets of Pakistan (IFMP).

Seminar on Renewable Energy System Sizing
Department of Electrical Engineering organized this seminar on February 21, 2017. The guest speaker was Eng. Farhan Hameed who comprehensively briefed the participants about utilization

and development of renewable energy resources and smart opportunities such as use of smart grids, smart transportation and smart buildings.

Seminar on IOT's, Mobile Development and New Technologies

Department of Computer Science organized this seminar on March 09, 2017. The guest speaker, Mr. Irfan ul Haq, CEO, Inception Sol (Pvt) Ltd, Rawalpindi briefed the participants and shared updated knowledge and trends of new technologies involved in mobile development.

Seminar on Cyber Security and Cyber Crime

Department of Computer Science organized this seminar on March 16, 2017. The guest speaker, Mr. Irfan ur Rehman, Senior Manager Security Operations Centre, Etisalat, PTCL, Pakistan briefed the participants on challenges faced in cyber securities and crime.

Workshop on Deep Learning for Computer Vision

Department of Computer Science organized this workshop on April 10, 2017. The guest speaker, Mr. Muhammad Faisal briefed the students about current research in the field of Computer Vision and Pattern Recognition.

Seminar on Validity of Codes Based Design for High-Rise Buildings

Department of Civil Engineering organized this Continuing Professional Development seminar on April 12, 2017. Dr. Munir Ahmad, Associate Professor, Capital University of Science Technology (CUST), Islamabad was the guest speaker.

Seminar on Engineering Instrumentation, Measurement & Controls

Department of Electrical Engineering organized this seminar on April 20, 2017. Muhammad Bilal Ashraf, Field Technical Consultant at National Instruments, Islamabad was the guest speaker.

Seminar on Performance-Based Seismic Design and Evaluation of Tall Buildings-Recent Trends and Advancements

Department of Civil Engineering organized this seminar on April 26, 2017. Dr. Naveed Anwar, Executive Director, AIT Solution, AIT, Thailand was the guest speaker.

Seminar on Current Issues of Pakistan Stock Exchange

Department of Management Sciences arranged this seminar on April 21, 2017. Syed Majid Hussain Shah, a well reputed and experienced stockbroker shared with the audience the current market trends.

Seminar on Project Financing and Offshore Companies

Department of Management Sciences organized this seminar on May 04, 2017. The guest speaker/expert, Mr. Yasir Naji, Chartered Accountant, Director, Factor Bridge briefed graduate students on the subject.

Seminar on Advertising

Department of Management Sciences organized this seminar on May 10, 2017. The guest speaker, Mr Adeel Atif, the Head of Media, Ufone Pakistan briefed students on socio-economic classes of Pakistan, advertising practices of Ufone Pakistan and importance of social media in present era.

Seminar on Become an IT Entrepreneur

Department of Computer Science organized this seminar on May 12, 2017. The guest speaker/entrepreneur, Mr. Sanan Saleem, Founder & CTO at GreenTech, PK, Co-Founder & CTO at GoTrimmerr, USA, Senior Software Architect at ZeroToInfinity, USA briefed student on the subject.

Seminar on Awareness of SDGs through Appidea2 Reality Contest

Department of Electrical Engineering organized this seminar on May 22, 2017. The guest speaker S. A. Mustafa Z. Paras, the editor of "Technology Time" from AppIdea2R delivered the talk. The AppIdea2R contest is an opportunity for young entrepreneurs to showcase their innovative ideas. The selected ideas get the chance to be converted into products.

Seminar on Mathematics as Mother of all Sciences

Department of Mathematics organized this seminar on May 24, 2017. Meritorious Professor Dr. Asghar Qadir, from School of Natural Sciences, NUST was the guest speaker.

Lahore Campus

2nd Annual Dental and Biomaterials Summer Camp Interdisciplinary Research Center in Biomedical Materials (IRCBM) organized this annual summer camp from August 15-19, 2016. The purpose of this camp was hands-on research and modern characterization equipment training to students from different universities.

Seminar on Emerging Trends in Clinical Psychology

The seminar was organized by the Department of Humanities from September 21-22, 2016. The purpose of this seminar was to promote mental health not only for those with mental health problems but generally for the entire population of Pakistan.

Seminar on Promotion of Solar Energy in Pakistan-Potential, Utilization and Constraints

Energy Research Center (ERC) at CIIT Lahore organized this

seminar on September 26, 2016. The seminar aimed at identifying the resource potential, utilization status, GoP policies for promotion of solar energy technologies and make suggestion for enhanced utilization of the resource base. The seminar was sponsored by M/s Dynamic Green Private Limited Lahore.

International Conference on Energy for Environmental and Economic Sustainability
Energy Research Center (ERC) at CIIT Lahore organized this seminar on October 20-23, 2016. CIIT/ERC co-sponsored/co-organized this conference in collaboration with University of Management and Technology (UMT) Lahore, National Science Foundation USA, Tech University USA, NFEH and other partners. The conference provided an opportunity to experts around the globe and from Pakistan to share their views for promotion of innovative energy technologies and develop cooperation. It also provided them a chance to connect with experts from the globe to make joint efforts to promote clean, green, and economically sustainable energy resources.

2nd International Workshop on Modern Aspects of Algebra and Graph Theory
The workshop was organized by the Department of Mathematics from November 02-03, 2016. The main objective of this workshop was the promotion of research and study in Algebra and Graph Theory along with their applications at regional level. It was useful for the participants to get familiar with the recent research developments in a view to find new active collaborations.

Lecture on Need of New and Renewable Energy Approach: Cascading and Integrating
Energy Research Center at CIIT Lahore organized this seminar on November 23, 2016. Dr. Arifeen Lodhi, Research Professor in Physics at Texas Technology University, USA presented the significance of renewable energy resources in terms of climatic changes in the world. Advanced solar energy technologies, especially the concentrating parabolic and dish type technology(s) / solar tower, their technical merits and status at global level were discussed in detail. He also highlighted the advanced fuel cells research and explained his research initiatives and projects implemented at the Texas Tech University USA.

Workshop on Relativistic Astrophysics and Cosmology
The workshop was organized by the Department of Mathematics from November 24-25, 2016. This workshop served as an overview to one of the most beautiful physical theory named as General Relativity, proposed by Einstein in 1915. It aimed to familiarize the students from both Departments of Mathematics and Physics to basis and major aspects of this theory.

Lecture on Electricity Crisis of Pakistan and the Way Forward
Energy Research Center (ERC) at CIIT Lahore organized this seminar on December 05, 2016. Mr. Parvez Butt, Ex Chairman PAEC, Federal Secretary MoST, presented a detailed picture of energy problem and proposed cheap alternate option including renewable energy and nuclear energy technologies.

5th International Symposium on Biomedical Materials
Interdisciplinary Research Center in Biomedical Materials (IRCBM) organized this symposium from December 14-16, 2016. The theme of symposium this year was Clinical Requirements and Regulatory Affairs. Some of internationally acclaimed scientists and researchers from Pakistan and abroad were a part of the symposium. Prof. Dr. Ihtesham-ur- Rehman (University of Sheffield, UK), Prof. Min Wang (Hong Kong University), Prof. Peter Paul (Müller Helmholtz Centre for Infection Research, Braunschweig, Germany), Dr. James Tsoi (Hong Kong University), Dr. Mohammad Jawad (Founder of London's NipnTuck Surgery), Dr. Dong-Kwon Lim (KU-KIST Graduate School of Converging Science & Technology, Korea), Dr. Sheikh Akhtar Hussain (Director Medical Devices & Medicated Cosmetics, DRAP) and Prof. Syed M. Awais (Orthopaedic Surgeon) were few of the notable international participants of the event. The purpose of the symposium was to promote research in biomedical materials, engagement of public and private sector in biomaterials research and development and facilitate industry-scientist-clinician linkage.

Seminar on Medinan Ethical Code of Conduct and its Implementation in Pakistan
Department of Humanities organized this seminar on December 15, 2016. The purpose of this seminar was to create awareness about the implementation of this code in Pakistan.

Seminar on Scope and Potential of Agriculture in Pakistan
Center of Islamic Finance (CIF) organized this seminar on December 27, 2016. The purpose of the seminar was to promote importance of agriculture in economy of Pakistan.

9ᵗʰ Physics Colloquium
The colloquium was organized by the Department of Physics on December 27, 2016. This one day activity consisted of popular lectures by renowned speakers who discussed various aspects of quantum mechanics and its implications. The thematic idea of this society is to provide clean energy and clean water to the public of rural areas as well as for the societal benefits. The purpose of this colloquium was to bring researchers, students, as well as industrial and private organizations together from all over the world for the efficient use of renewable resources.

Seminar on Physicists Help Biologist
Department of Physics organized this seminar on January 19, 2017. It was delivered by Dr. Shahid Qamar who is serving as Research Associate in James Graham Brown Cancer Center, University of Louisville, USA. He has wide experience of working in fields of Computational Biology and Computational Toxicology, Breast Cancer and In Silico Modeling of Biological Molecules, Sar and Qsar Modeling of Molecules.

Seminar on Advanced Energy Technology
The seminar was organized by the Department of Physics on February 14, 2017. It was delivered by Prof. Bin Zhu who is head of Advanced Fuel Cell and Solar cell group KTH, Sweden.

Seminar on Wide Band Gap Semiconductors
Sub-micron Rod Ultrahigh Sensitivity Mechanical Sensor: The seminar was organized by the Department of Physics on February 20, 2017. Dr Xiaodong Huo, Professor of School of Physics, PEKING University China was the resource person. He has worked in III-nitride semiconductors (AlN, GaN, InN and their alloys) growth and characterization, Laser diode, solid-state lighting and Nanophotonics. Professor Huo shared his knowledge with student and faculty members.

5ᵗʰ Global Forum on Islamic Finance (GFIF)
Center of Islamic Finance (CIF) organized 5ᵗʰ GFIF from March 21-22, 2017. The forum provided a platform to scholars, practitioners and Shariah experts from all over the world for sharing their ideas, research contributions and knowledge on Islamic finance. The theme of the conference was Islamic Finance: The Present and Future.

Seminar on Coal Based Power Generation in Pakistan: Potential, Utilization and Constraints
Energy Research Center at CIIT Lahore organized this seminar on March 29, 2017. The main objectives of this seminar were to deliberate on potential of coal energy resources potential and utilization in Pakistan, identify the constraints in development and propose solutions. The seminar was attended by coal energy experts from Punjab University, Coal mining company Punjab, NEPRA, researchers from various universities and CIIT faculty. Recommendations were made for safe environment and introducing clean energy coal technologies.

Workshop on Islamic Finance
This two days capacity building workshop was organized by Center of Islamic Finance (CIF) in collaboration with State Bank of Pakistan from May 17-18, 2017. This initiative provided an opportunity to the banking industry to develop their human resource at their doorsteps.

Training on Assertive Skills
The seminar was organized by the Department of Humanities on May 18, 2017. The purpose of this training was to enhance students' assertive skills.

Seminar on Self-hypnosis at Work
The seminar was organized by the Department of Humanities from May 25-26, 2017. The purpose of this seminar was to create awareness about the importance of self-hypnotism.

Sahiwal Campus

2ⁿᵈ Harrapa International Conference
CIIT Sahiwal arranged 03 days Harappa International Conference from December 18-20, 2016. It was attended by Prof. Dr. Saleem Farooq Shaukat, Director CIIT Sahiwal, Prof. Dr. Shahid Ahmed Rajput, Secretary Harrapa Conference Management Committee, Dr. Jonthan Mark Kenoyer, Dr. Mery Sophie, Dr. Carla Lancelotti and large number of audiences including the Archaeology Experts from China, Finland, France, Germany, Italy, USA and officials of department of Archaeology, Govt. of Punjab , American Institute of Pakistan Studies (AIPS), Departments of Archaeology and History, Universities of the Punjab, Sindh, KPK and Baluchistan. The conference focused on the theme of "Indus Civilization in the Regional Context".

Workshop on Project Formulation

The 02 days project formulation workshop was organized from May 25-26, 2017. It was jointly organized by Pakistan Science Foundation (PSF) and Office of Research, Innovation and Commercialization (ORIC), CIIT Sahiwal. More than 50 learned faculty members/researchers from CIIT Sahiwal, CIIT Vehari, University of Sahiwal, Sahiwal Medical College, GCU Faisalabad (Sahiwal campus), Arid Agriculture University Sahiwal Campus, Quid-e-Azam Engineering College Sahiwal and other higher education institution attended this training workshop.

Foreign Research Collaborations

To broaden the horizon of its students, CIIT is establishing professional linkages with prestigious universities and institutions around the globe, and has already inked in many arrangements in the shape of MOUs (Memorandum of Understandings) with leading universities of the world. CIIT especially stresses on the importance of research collaboration and that is the reason why it has research linkages with a myriad of International Universities.

Few of the research collaborations initiated during 2016-17 are as follows:

University College London

Department of Mathematics, CIIT Lahore signed an agreement on July 01, 2016 to pursue collaborative research work in the field of gravitation and cosmology.

University of Nottingham

On invitation by Prof. Dr. Saffa Riffat, Chair in Sustainable Energy, Head-Institute of Building Technology & Institute of Sustainable Energy and Head of Architecture, Energy and Environment Research Group, Ar. Adnan Amin, Assistant Professor, Department of Architecture, CIIT Islamabad visited University of Nottingham's Department of Architecture and Built Environment to discuss the research collaborations in the field of Sustainable Energy Technologies in October 2016. He had a meeting with Dr. Blaise Mempouo to work out future line of action and strategy.

East China University of Science and Technology, Shanghai, China

IRCBM signed an agreement with the university on February 02, 2017 to promote research collaborations between two institutes.

Thomson Reuters

Center for Islamic Finance, CIIT Lahore signed an agreement on March 14, 2017 with Thomson Reuters to get the index for COMSATS Journal of Islamic Finance.

Quality Assurance

Quality Enhancement Cell (QEC)

CIIT is committed to serve the nation with the aim of satisfaction and maintaining high international standardized higher educational academic and research pursuits in the CIIT system. CIIT's leadership has very keenly commitment for enhancement of quality standardization and assigned top priority for making CIIT as shining star in world's horizon. For achieving this task all stakeholders contributed with academic and research excellence for meeting the national and international educational standardization and Quality Assurance in all programs as per Higher Education Commission (HEC) guidelines. The Quality Enhancement Cell (QEC) has played a pivotal role to pursue for achieving the high standards and Quality Assurance with ISO Quality Management System (QMS) pre-requisites.

By realizing the fact that quality is an integral component in higher education and research as a strategic imperative, CIIT manifested its progressive mission continuously by establishing the QEC in the year 2006, and since then, has taken bold initiatives to attain, manage and enhance quality at the institutional level in all cadres of the Institute's management, academic and administration. For making CIIT a quality-centric institution, the QEC has undertaken various quality assurances based assignments and achieved highest "W" category at national level from HEC in Yearly Progress Report (YPR) continuously from the last 04 years (2012 to 2016) and amicably cultivated the quality culture at all levels in CIIT system.

Impact of Quality Assurance in the University

Quality Assurance and Assessment Process (QAAP) of CIIT Academic Programs

The Quality Assurance and Assessment Process (QAAP) of all Academic Programs (being a continuous process across CIIT) were undertaken. The QEC has coordinated for the implementation and also monitored the QAAP across CIIT. QEC managed awareness/training sessions, workshops and also conducted the systematic process of gathering, reviewing and using important quantitative and qualitative data and information from multiple and diverse sources about educational programs.

QEC completed Self-Assessment process of 56 programs: 04 programs till 2008; 29 programs till 2011; 18 programs till 2013; 05 programs till 2014, during 2015 SARs of 54 more programs were submitted to HEC. During 2016, the Self-Assessment Process was initiated for 116 programs at 8 campuses of CIIT. So far, 98 SARs of 8 campuses are prepared and are ready for the next stage of Assessment Process which is likely to be completed by the end of Spring 2018.

QEC also developed a Uniform Assessment Survey (UAS) Policy for implementation across CIIT system for course evaluation by the teachers/faculty and incorporated its results in SARs.

International Ranking of CIIT Pakistan

CIIT maintained its position in 231-240 range of top Asian Universities announced by QS Asian University Rankings in 2016. According to subject wise, CIIT was ranked in 401-500 in Computer Science and Information Systems in the year 2016. CIIT also achieved a position in top 601-800 international world universities as per Times Higher Education (THE) International world ranking.

HEC National Rankings of CIIT Pakistan

CIIT oriented itself to the improvement and implementation of quality and in this endeavor, successfully helped in making QA procedures and practices a part of the university quality management system. To this effect, it performed the major task of completing/filling up of the HEC Ranking Proforma along with evidences and provided to Quality Assurance

statutory and non-statutory bodies and forums and provided significant input on the quality of academic programs, courses and scheme of studies, and contributed in preparation of new academic programs and overall processes and practices of quality assurance in CIIT system.

ISO 9001-2008 QMS Certification

CIIT ensured strict adherence with the ISO 9001:2008 QMS standards till mid of the year 2017 at all CIIT campuses. The QEC amicably monitored and facilitated 2nd External Annual Surveillance ISO Audit in December 2016 for continuation of ISO certification of all campuses which was successfully completed and certification was awarded by NQA-UKAS United Kingdom for the year 2017.

Agency of HEC for the University Ranking 2016. Since 2015, The CIIT is ranked at No. 03 in General Universities Category and at No. 06 in overall category in Pakistan and placed in the list of top ten universities in Pakistan.

Participation in Decision Making Through Statutory and Non-statutory Bodies

QEC being member has contributed in all meetings of the

Revised ISO 9001-2015 QMS Certification

The International Organization for Standardization (ISO) revised the ISO 9001:2008 Standard and introduced the new/revised version of ISO 9001:2015 which will be implemented after the External Audit of CIIT QMS expected to be held in December 2017 for the new three years tenure from 2018-2021. The QEC in July-September 2016 arranged two days training for Head of Departments (HoDs), Management

Representatives, Departmental ISO Coordinators/Implementers and ISO Internal Auditors at all six campuses wherein they were apprised about the differences between the old and new versions of standard as well as the methodology of addressing the clauses of the revised version for successful implementation of the revised version. QEC also arranged an exclusive session for the HoDs of CIIT Lahore in November-December 2016.

Participation in International Events

QEC represented CIIT at international forums by participating in the following events:

▶ Mr. Shahid Iqbal, Additional Registrar, QEC, represented in the 12th QS-Apple Conference on "New Directions in Asia-Pacific Higher Education Challenges and Opportunities" held from November 22-24, 2016 in Malaysia. It was jointly organized by the QS Asia Quacquarelli Symonds and University of Malaysia Perlis. The conference was useful for professionals of higher education involved in international networking, innovation in higher education etc. The summit was also helpful in obtaining the knowledge about higher education business models, the latest trends and market intelligence.

▶ Prof. Dr. Izhar Hussain, Registrar CIIT and Mr. Shahid Iqbal, Additional Registrar, QEC represented CIIT in the INQAAHE Biennial Conference 2017, "Quality Assurance in HE Between Collaboration & Competition: Promises and Challenges" held from February 27 to March 02, 2017 in Bahrain jointly organized by the International Network for Quality Assurance in Higher Education (INQAHHE) and National Authority for Qualifications & Quality Assurance of Education and Training, Kingdom of Bahrain. Topics and themes of the presentations and posters on different aspects of Quality Assurance in Higher Education were very useful and knowledgeable.

▶ Mr. Shahid Iqbal, Additional Registrar, QEC, represented CIIT in the UNESCO Regional Conference "Assurance in Higher Education" held from June 15-16, 2017 at Shenzhen, China. The conference was jointly organized for the APQN members by the UNESCO Asia-Pacific Regional Bureau for Education in Bangkok, Thailand and the Section of Higher Education, UNESCO in Paris, in collaboration with the Chinese National Commission for UNESCO and the UNESCO International Centre for Higher Education Innovation (UNESCO-ICHEI). The conference was useful for professionals of higher education involved in innovative policies and practices at system, institution, subject and program levels in Asia-Pacific, with an aim to produce a consolidated regional report on quality assurance in higher education.

Membership of International Associations

QEC maintains CIIT's membership of international Associations/Networks dealing with the quality of education, such as Association of Quality Assurance Agencies of the Islamic World (AQAAIW), International Network for Quality Assurance Agency in Higher Education INQAAHE), Asia-Pacific Quality Network (APQN), CHEA International Quality Group(CIQG) and International Association of Universities (IAU) for promoting the quality culture and research that is at par with the international quality assurance standards. QEC is also member of Quality Enhancement Cells Yahoo Network where it participates for sharing good practices among all QECs of Universities in the Country.

Accreditation of Academic Programs from Relevant Councils

The QEC team extends its support in accreditation process of academic programs when asked by the concerned department. The accreditation of programs is being done at the departmental level at CIIT. The departments get themselves accredited from their relevant accreditation bodies. The engineering programs are accredited by Pakistan Engineering Council (PEC), whereas Management Sciences programs are accredited by National Business Education Accreditation Council and Pharmacy programs by Pharmacy Council of Pakistan.The Computer Science programs are accredited by ABBET. Consultant QEC met the PEC Team on May 16, 2017 who was visiting regarding accreditation of BS Electrical Engineering at CIIT Islamabad.

Faculty Development
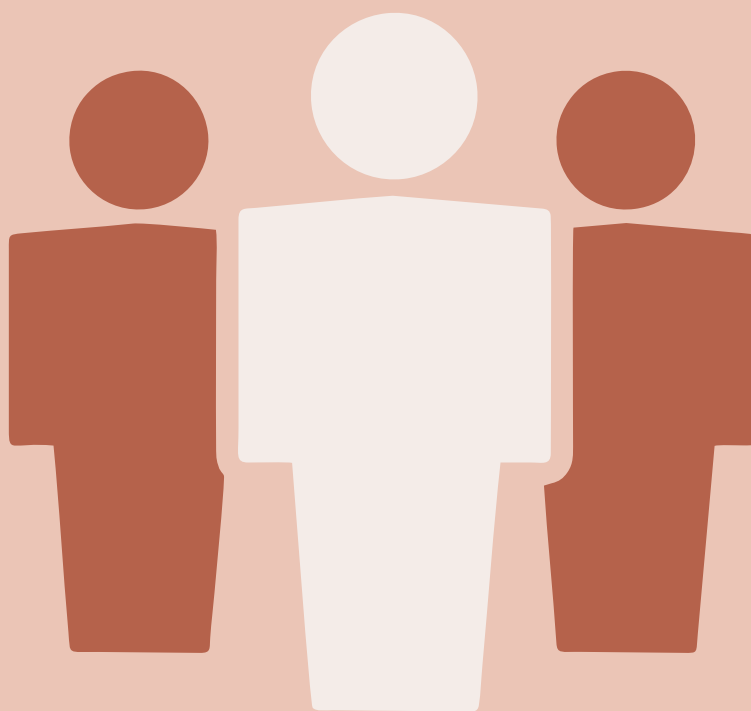
Investing in human resources, more precisely the faculty and staff, has been a flagship initiative of CIIT. It is in this spirit that CIIT is running the largest faculty/staff development program in the country after HEC.

Human Resource Development

Human capital development and its management are very crucial to the universities to gain the competitive advantage in context of their national needs. In the same spirit, the Human Resource Development (HRD) program of CIIT has played a vital role in enhancing the development of the CIIT through establishing a sustainable pool of accomplished academics and researchers to serve the CIIT and the nation. Currently, CIIT is running one of the largest HRD program among the public and private sector universities in Pakistan. The Directorate of P, D and HRD has been entrusted with the responsibility to administer this program.

During the preceding sixteen years, CIIT has invested generously in human resource development through awarding MS and PhD level scholarships to its meritorious faculty/staff. During this time, over three hundred and sixty 360 fully funded scholarships have been awarded to the faculty/staff to pursue higher studies at some of the best universities in the world. Over 144 MS and over 120 PhD scholars have successfully completed studies on CIIT scholarship, returned back and are serving the Institution. Currently about 50 scholars are pursuing studies on CIIT funding. These scholarships were awarded through merit-oriented albeit stringent criteria which was open to the deserving candidates both already serving and willing to serve CIIT upon award of scholarships and upon completion of studies.

Simultaneously, generous facilitation was provided to over 700 faculty/staff in securing funding from alternate sources; over 260 (56 MS and 208 PhD) scholars have returned back and are doing useful work. The balance number of scholars is at different stages of completing their studies and will be returning back in 01 to 03 years' time. The alternate sources were tapped through institutional arrangements agreed between the CIIT and other universities and those offered by other funding agencies including Higher Education Commission, Fulbright Scholarship Program, Commonwealth Scholarships, AusAid Scholarships, merit awards offered by the universities abroad, etc. During the year 2016-17, about 100 scholars proceeded abroad to pursue their studies on alternate sources of funding. Today, CIIT proudly boasts of having excellent intellectual ensemble of over 1,100 PhDs in its faculty/staff corps.

The choice of subjects of candidates placed abroad was aligned with the Institution's long term priorities and the scholars remained under a keen vigil of the management and senior academics for their performance. Getting quality education, exposure to cutting-edge research, prospects of strengthening linkages with universities abroad and the scholars taking up productive work immediately upon their return back were the guiding principles.

CIIT understands that as the quality of academic programs is becoming competitive, there is more compelling need for the faculty and management staff to improve their academic qualifications and enhance their skill sets. In this spirit, the Directorate of P, D and HRD embarked upon an initiative for placement of CIIT employees for 'Management Training at the University of Bedfordshire, UK'. Under the initiative, selection process of 45 candidates from faculty/staff corps took place during the preceding year. The training will commence from July 15-23, 2017.

The Directorate of P, D and HRD, towards achieving the HRD objectives of the CIIT, is persistently making efforts for placing candidates abroad for higher education through exploring and developing collegial networks with universities abroad. Under such arrangements few candidates were placed abroad on scholarship offered by the Sejong University, South Korea to pursue PhD studies. In continuation of HRD related efforts, few more candidates have been placed abroad on PhD scholarship under the Pakistan Knowledge Corridor Project of the Higher Education Commission Pakistan. Moreover, a series of informational & motivational seminars/meetings have been started for information of the prospective scholars. During the reporting period, 20 such events were organized.

It is also pertinent to mention here that the painstaking yet rewarding experience of investing in the able youth has particularly been rewarding through inculcating a research culture at CIIT which has helped it attain 2nd position in research productivity among over 180 public and private universities/degree awarding institutions in Pakistan. This is heartwarming especially so because the CIIT has a life of just 17 years.

Year Wise Placement of Scholars Abroad for Higher Studies
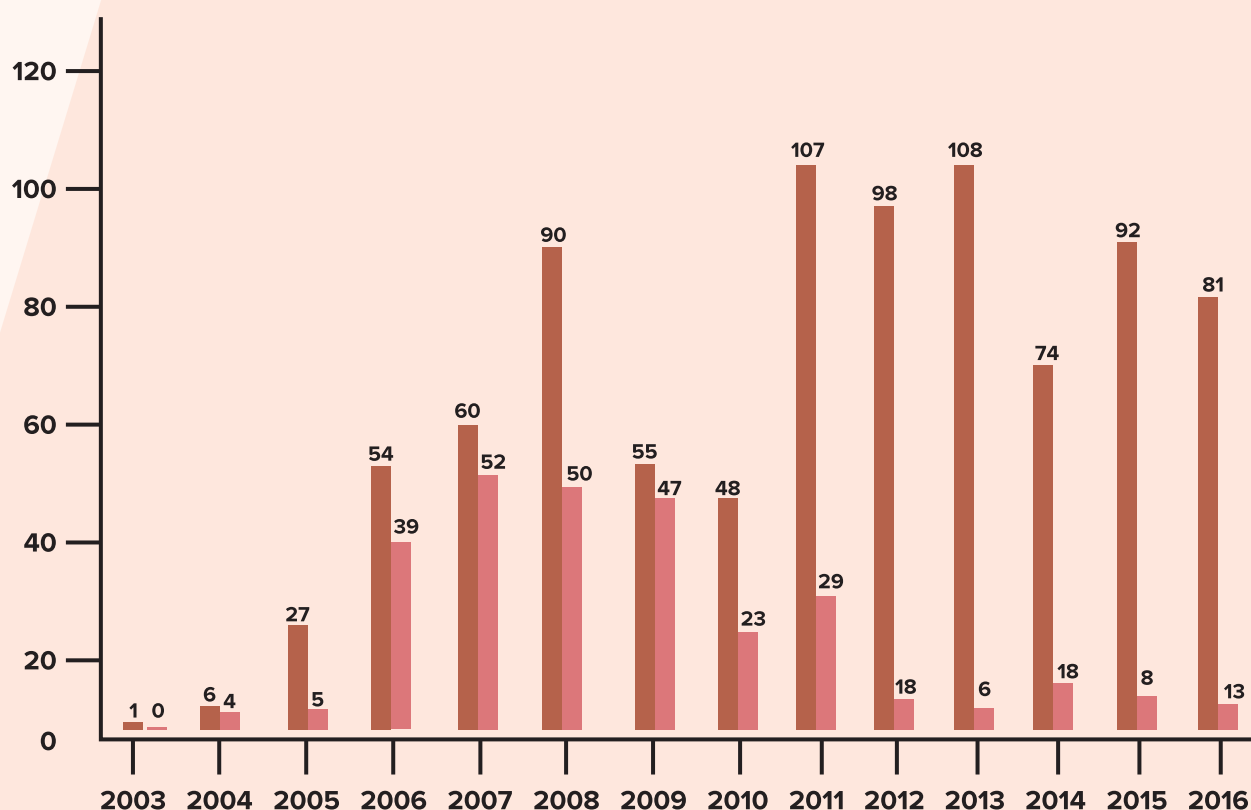
Scholars Studying Abroad

During the reporting period, 90 scholars were sent abroad to pursue MS/PhD degrees in various disciplines. Out of these 90 scholars, 11 went for MS, 79 for PhD. The summary of all scholars who went abroad for higher studies till June 30, 2017 is given below:

CIIT Scholars as on June 30, 2017 Source-Wise

Campus	CIIT		HEC		Self-Finance		Others		Total
	Faculty	Non Faculty	Faculty	Non Faculty	Faculty	Non Faculty	Faculty	Non Faculty	
Abbottabad	5	1	16	0	18	2	59	2	103
Islamabad	35	1	16	1	19	3	107	7	189
Lahore	15	0	15	2	11	8	69	6	126
Wah	5	0	5	0	3	5	31	3	52
Attock	1	0	2	0	0	3	15	1	22
Sahiwal	1	0	2	0	3	2	45	5	58
Vehari	3	0	2	0	4	0	16	0	25
Virtual Campus	0	0	0	0	0	0	3	0	3
Principal Seat	0	0	0	1	0	1	0	0	2
Total	65	2	58	4	58	24	345	24	580

The program wise break up is as below:

CIIT Scholars as on June 30, 2017 Program-Wise

Program	CIIT		Others		Total
	Faculty	Non Faculty	Faculty	Non Faculty	
MS	21	1	71	24	117
PhD	44	1	384	24	453
Others*	0	0	6	4	10
Total	65	2	461	52	580

*Post Doctoral Fellowship etc.

While the gender wise data shows the breakup of 85% males and 15% females who were on study leave as on June 30, 2017.

Gender-Wise

Gender	CIIT Funded	Other Sources	Total
Male	51	440	491
Female	16	73	89
Total	67	513	580

The Scholars Rejoined

During the reporting period, 60 scholars rejoined CIIT after successful completion of their advanced degree. Out of these 60 scholars, 03 were MS and 55 were PhD, besides 02 other. The summary of all the scholars who have returned and rejoined CIIT till June 30, 2017 is given below:

Campus	CIIT		Others		Total		Total
	Faculty	Non Faculty	Faculty	Non Faculty	Faculty	Non Faculty	
Abbottabad	42	2	74	3	116	5	121
Islamabad	106	5	77	5	183	10	193
Lahore	55	1	62	5	117	6	123
Wah	23	2	34	2	57	4	61
Attock	7	1	9		16	1	17
Sahiwal	8		5		13	0	13
Vehari	2	1	4		6	1	7
Virtual Campus		1	4		4	1	5
Principal Seat		5	1	2	1	7	8
Total	243	18	270	17	513	35	548

Faculty

As a result of the opportunities provided by the CIIT for faculty development, the number of young PhD faculty is increasing. Out of 3,193 faculty members, 1,086 are PhD holders, 1,379 have MS/MPhil degree while remaining 728 are sixteen years degree holders. During the reporting period, the designation-wise breakup of faculty is follows:

Designation	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari	Virtual campus	Total
Professors	30	14	3	4	0	1	0	0	52
Advisors	23	14	1	6	1	2	0	0	47
Associate Professors	38	19	13	28	1	2	1	1	103
Assistant Professors	452	250	84	258	67	72	63	0	1,246
Lecturers	334	275	106	227	95	125	86	32	1,280
RA/TAs	183	56	25	78	15	41	34	33	465
Total	**1,060**	**628**	**232**	**601**	**179**	**243**	**184**	**66**	**3,193**

Faculty Development Academy

Faculty Development Academy (FDA) has been working on professional development of CIIT faculty as well as non-faculty of all of its eight campuses since October 2011. Over the past six years, FDA has launched diverse programs of trainings at different times of the year and for different levels, to enhance the knowledge and skills repertoire of its faculty/non-faculty members. Learning initiatives provide an enriched experience for our faculty, and also offer support in research, leadership, academic and administrative processes. In an age where student learning is evolving and changing, it is imperative that we strive to stay current with technological advances in teaching. Besides the training of faculty, FDA also organizes programs and initiatives that assist administrative officers and staff members for developing skills and competencies as professionals in order to prepare them for institutional efficiency and effectiveness. A summary of its activities during the year 2016-17 is given below:

In-Service Trainings

During the reporting period, following in-service trainings were organized by FDA to broaden the skills set of the faculty:

05 Days Professional Development Workshop (University of Faisalabad)

The workshop was organized for the faculty of the University of Faisalabad from July 18-22, 2016 under the MoU signed between two universities. 32 professionals from different departments constituted the target trainees. It was a residential workshop. The objective was to provide the participants a different intellectually stimulating environment facilitating their personal and professional growth with the help of eminent scholars, practitioners and researchers. Dr. S. M. Junaid Zaidi, Founder-Rector CIIT, was the chief guest at the closing ceremony.

05 Days Professional Development Workshop (Virtual Campus, CIIT)

FDA organized this workshop from July 26-30, 2016 for 52 members. They were divided into two groups and both were trained simultaneously. The objective of this training was to keep pace with modern andragogical requirements for the new entrant teachers. Eminent resource persons were invited to deliver lectures to the participants.

04 Days Workshop for Managing PhD Program

The workshop was organized from August 09-12, 2016. The purpose was to help the faculty evoke their interest for initiating PhD program equipping them with essential skills for selection of suitable candidates while enabling them to engage in advanced study and scholarly research. Learning protocols for thesis manuscript, internal reviewing and research ethics were also part and parcel of the workshop.

05 Days Professional Development Workshop (CIIT Attock)
FDA organized this workshop for faculty of CIIT Attock. A total of 43 faculty members attended the course. Eminent resource persons of prestigious organizations were invited to deliver lectures for addressing the needs and expectations of the trainees. The purpose of this workshop was to expose faculty members to modern andragogical requirements and to transform them into reflective teachers, applied researchers and dynamic role models for students and society at large.

Workshop on New Spirit, New Space-Japanese Technique of Woodblock Printmaking
This workshop was organized from October 20 - November 01, 2016 in collaboration with HEC and Japan Embassy. It was a very unique workshop for artists, art teachers and other professionals who wanted to learn new techniques of printing without a press. This workshop was conducted by Dr. Shahida Mansoor, Associate Professor, Department of Architecture, CIIT Islamabad. A Japanese resource person, Dr. Tetsuya Noda was invited from Japan for two days to enlighten the participants on several finer aspects of this technique. Prof. Dr. Raheel Qamar, Rector CIIT, graced the closing ceremony with his presence.

02 Weeks Professional Development Workshop (University of Baluchistan)
The workshop was organized for the faculty from December 13-23, 2016 at FDA. There were 23 participants from university of Baluchistan. The purpose of this training was to expose faculty to emerging frontiers of knowledge and dynamic personality development.

Workshop on Building High Impact Communication Skills
FDA organized this 02 days workshop in collaboration with Center for Policy Studies (CPS) from January 23-24, 2017. It was specifically designed for teachers and leaders. Dr. Khurram Sharif from Qatar University was the resource person.

03 Days Professional Development Workshop (Foundation University)
The workshop was arranged from January 25-27, 2017. The workshop was specifically organized on the request of the management of Foundation University. Prof. Dr. (Brig.) Akhtar N. Malik, Director Campus (Foundation University)' was the chief guest.

05 Days Workshop on Micro-Teaching - Becoming a Reflective Teacher
The workshop was held from January 30-February 03, 2017 and was totally sponsored by HEC. A total of 38 participants from eight campuses of CIIT and some of local universities i.e. Fatima Jinnah Women University, NUML, Arid Agriculture, Air University, attended the workshop.

05 Weeks Professional Development Workshop for Young Faculty
The workshop was conducted from February 27-March 31, 2017. A modular approach was adopted and eminent scholars, researchers, practitioners, distinguished professionals, journalists and diplomats were invited as resource persons. The objectives of the workshop were to enable the participants build their capacity and embark upon personal and professional growth as teachers, researchers and administrators.

Professional Development Training for COMSATS Headquarters Officers
The training was arranged for the COMSATS Headquarters Employees from April 03-07, 2017. The objective of the workshop included capacity building of the officers. On the directions of Executive Director, Dr. S.M. Junaid Zaidi, the workshop was conducted for preparing the officers for a visit abroad (Italy and France). 15 officers were trained in total. A parallel 05 days course was organized for the staff.

05 Days Workshop on Teaching as a Profession
The workshop was organized in CIIT Lahore from April 08-12, 2017. 35 young faculty members (05 from CIIT Sahiwal and the rest from Lahore) constituted the audience.

4ᵗʰ Strategic Development Workshop for HoDs
As per past practice, FDA organized a 03 days workshop from May 15-17, 2017. The venue for this workshop was Youth Development Center, Punjab House Murree. Twenty four male Heads of various departments from CIIT's six campuses (including Virtual Campus) constituted the audience. The purpose was to devise strategies to refresh commitment of HoDs, help them expand their knowledge which will be beneficial in growth and continual development of CIIT. The HoDs interacted with each other and shared their respective areas of strengths and weaknesses for making improvement and efficiency in their respective departments.

Accomplishments of International Faculty

CIIT today is well placed to push more aggressively its internationalization strategy to consolidate the past and present gains and to build on them by further uplifting the quality of teaching, research, and public impact. International faculty members make invaluable contribution through their own unique world views, work ethics, humanitarian concern as well as teaching methodologies, approaches to finding solutions to emerging research problems, and making indelible societal impact.

Some of the notable achievements of international faculty working in CIIT are given below:

#	Name/Department/ Campus of International Faculty	No. of Research Publications	No. Graduate Students Supervision	Other Salient Achievements
1	**Dr. Vanisa Surapipith** Principal Scientific Officer, Department of Meteorology, CIIT Islamabad	**Journal (IF)** Submitted = 1 In Process = 5 **Conference** Published = 1 Accepted = 1 Submitted = 2 In Process = 2	MS = 3 PhD = 1 Accepted = 1 Submitted = 2 In Process = 2	• Delivered a talk titled "International Initiatives: Paris Agreement and Beyond" at the International Office of CIIT on May 9, 2017 • Coordinated for the VSP program of HEC for the week visit of Prof. Siwatt Pongpiachan, NIDA, Thailand, in Pakistan, during April 12 -22, 2017 • Oral Presentation at the 3rd Workshop of Atmospheric Composition and Asian Monsoon (ACAM3) in Guangzhou, China under topic "Deviation of South-Asian Summer Monsoon Onset with associated Trends of Anthropogenic Black Carbon over Pakistan", during June 05-09, 2017
2	**Prof. Dr. Mais Suleymanov** Advisor, Department of Physics, CIIT Islamabad	**Journal (IF)** Published=18 **Conference** Accepted = 2	M. Phil= 4 PhD= 2	

#	Name/Department/ Campus of International Faculty	No. of Research Publications	No. Graduate Students Supervision	Other Salient Achievements
3	**Dr. Mario Boris Curatolo** Principal Scientific Officer, Department of Management Sciences, CIIT Islamabad	**Conference** Published = 2		• Designed the structure and contents and implemented the Business Plan Course for the SSBC • Coordinated with Industrial Liaison Committee to establish a collaboration agreement with Channel4 • Part of the committee of experts chaired by the Dean of the Management Science Department to set up a Business School
4	**Dr. Hamidreza Ghorbani** Assistant Professor, Department of Management Sciences, CIIT Lahore	**Journal (IF)** Published = 1 Submitted = 3 In Process = 5	MS = 1	
5	**Dr. Dambaru Ballab Kattel** Assistant Professor, Department of Meteorology, CIIT Islamabad	**Journal (IF)** Published = 3 (two book chapters) Accepted = 1 Submitted = 1 In Process = 1 **Conference** Published = 5 In Process = 1		• Participated in the strategic workshop on Public Science Education of the Countries along the Belt and Road, November 14-15, Kathmandu, Nepal • Delivered an oral presentation in AGU Fall Meeting, December 12-16, 2016, San Francisco, California, USA • Delivered a Webinar Talk in an International Conference on Climate Change and Sustainable Development, March 18-19, 2017, India • Delivered an oral presentation in the Third International Conference on Mountain Hydrology and Meteorology for Sustainable Development, April 10-11, 2017, Kathmandu, Nepal • Delivered an oral presentation in the Third Pole-Greenland Antarctic Climate Research, July 01, 2017, Beijing, China • Delivered an oral presentation in the Third Pole Science Summit-TPE-CSTP- HKT Joint Conference, July 10-12, 2017, Kunming, China • Delivered a key note speech in the First Seminar of Youth Scientist Forum, July 12, 2017, Kunming, China • Received High Level and Prestigious Scientific Research Fellowship by Chinese Academy of Sciences, for the period from May 2016 to May 2017, to perform research work in Beijing

#	Name/Department/ Campus of International Faculty	No. of Research Publications	No. Graduate Students Supervision	Other Salient Achievements
6	**Dr. Yasser MSA Al Kahraman** Assistant professor Department of Pharmacy, CIIT Abbottabad	**Journal (IF)** Published = 1 Accepted = 1 Submitted = 2 In Process = 1		• Filed one patent to Office of Research, Innovation and Commercialization (ORIC)
7	**Dr. Sadat al Shariyeh Hosseini Nasab** Associate Professor, Department of Architecture & Design, CIIT Lahore	**Journal (IF)** Submitted = 1 In Process = 2 **Conference** Submitted= 1		• Participated and won 1st position in architectural design competition titled "Iran Pavion in Shanghai, China, 2017", arranged by Iran Consulate, Shanghai
8	**Ms. Juliane Eick Aziz** Assistant Professor, Department of Architecture & Design, CIIT Lahore			• ·Attended two weeks academic field trip to Kathmandu, Nepal, in collaboration with London Metropolitan University (UK) • Organized and facilitated "Form Finding Workshop" for 3rd year architecture students, that was concluded with an exhibition • Organized and facilitated "Mohalla Bazee"-Workshop with Prof. Babar Khan Mumtaz • Represented CIIT as external juror for thesis level Visual Design Communication students at Beaconhouse National University, Lahore

Access

Student Enrollment

CIIT started its journey in 2000 with just 277 students. Since then, its enrollment is on up rise which is a clear indication of education standards at its campuses. During the reporting period, the students enrolled at CIIT were 34,485. The Islamabad Campus led with 8,423 students followed by Abbottabad Campus with 5,773 students. The intake during the reporting period at CIIT campuses is tabulated below:

Campuses	Students Intake		Total
	Fall 2016	Spring 2017	
Islamabad	1,454	1,084	2,538
Abbottabad	1,372	548	1,920
Wah	716	302	1,018
Lahore	1,305	760	2,065
Attock	641	336	977
Sahiwal	726	342	1,068
Vehari	597	452	1,049
Total	6,811	3,824	10,635

Degree-Wise Student Enrollment

- **Undergraduate** — 24,894
- **Master** — 3,352
- **MS** — 5,394
- **Phd** — 845
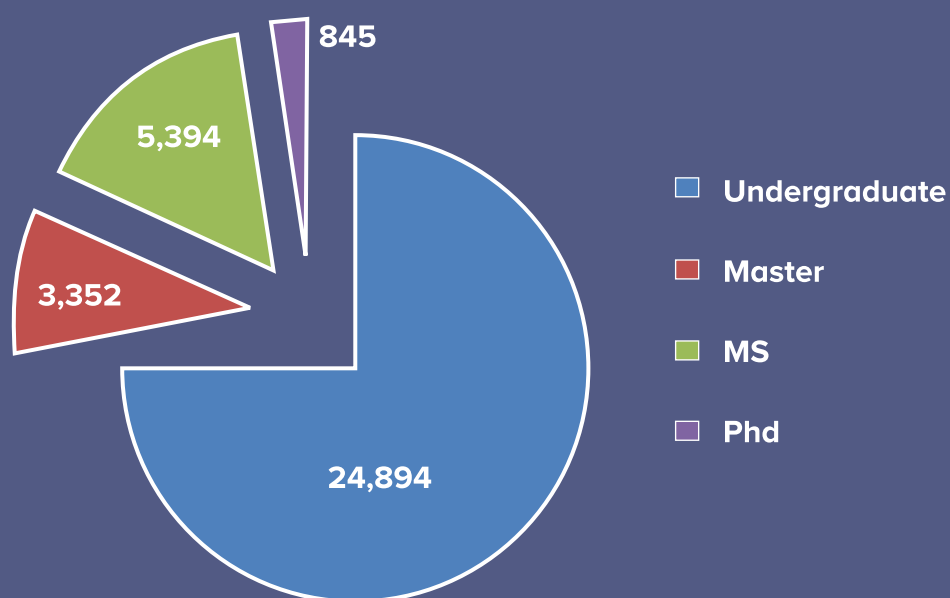
The detail of student enrollment in the 05 faculties as on June 30, 2017 is as follows:

Faculty	Enrollment
Faculty of Information Science & Technology	13,349
Faculty of Business Administration	8,526
Faculty of Engineering	7,061
Faculty of Science	4,997
Faculty of Architecture and Design	552
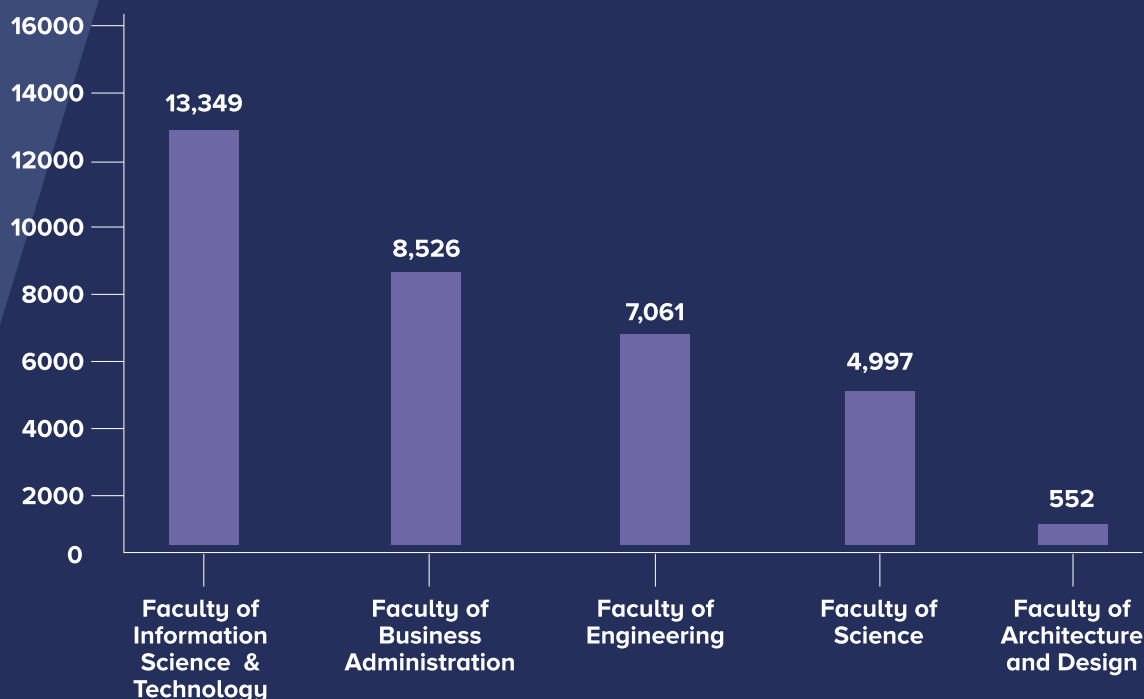
Campus-Wise Student Enrollment Percentages

Campus	Percentage
Islamabad	24%
Abbottabad	17%
Wah	12%
Lahore	16%
Attock	7%
Sahiwal	8%
Vehari	7%
Virtual Campus	9%
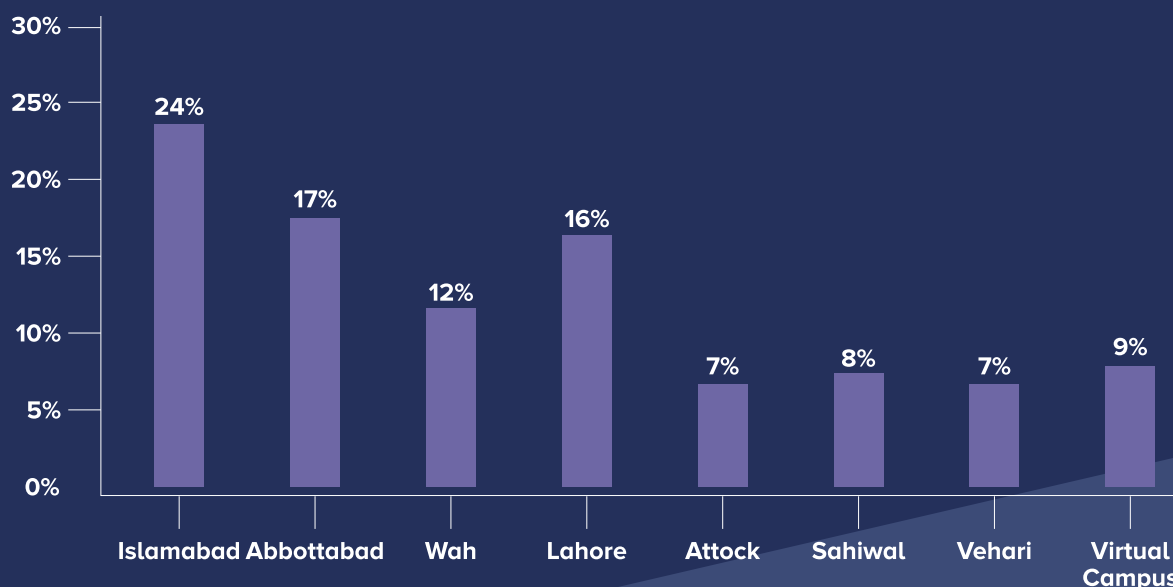
Equity

According to its charter, CIIT is an open merit Institute with equal opportunities to all notwithstanding their gender, religion, race, creed, color or domicile provided if they academically qualify for admission to the courses of study offered. No person is denied the privilege on these grounds. Hence all the policies of CIIT, pertaining to admission, hiring, compensation, medical, etc., are formulated on this rule of business. Furthermore, a student who is eligible for admission through open merit is not declined due to his/her financial constraints.

Gender-wise Detail of Student Enrolment

Similarly there is no gender discrimination at CIIT as stated above. During the reporting period, the males and females studying at CIIT were 73% and 27% respectively. The percentage of male, female students at Islamabad campus is 61% and 39%, and at Abbottabad is 81% and 19%.

Bar chart showing (top bar vs bottom bar per campus):

Campus	Value 1	Value 2
Virtual Campus	27	73
Vehari	36	64
Sahiwal	20	80
Attock	35	65
Lahore	21	79
Wah	17	83
Abbottabad	19	81
Islamabad	39	61
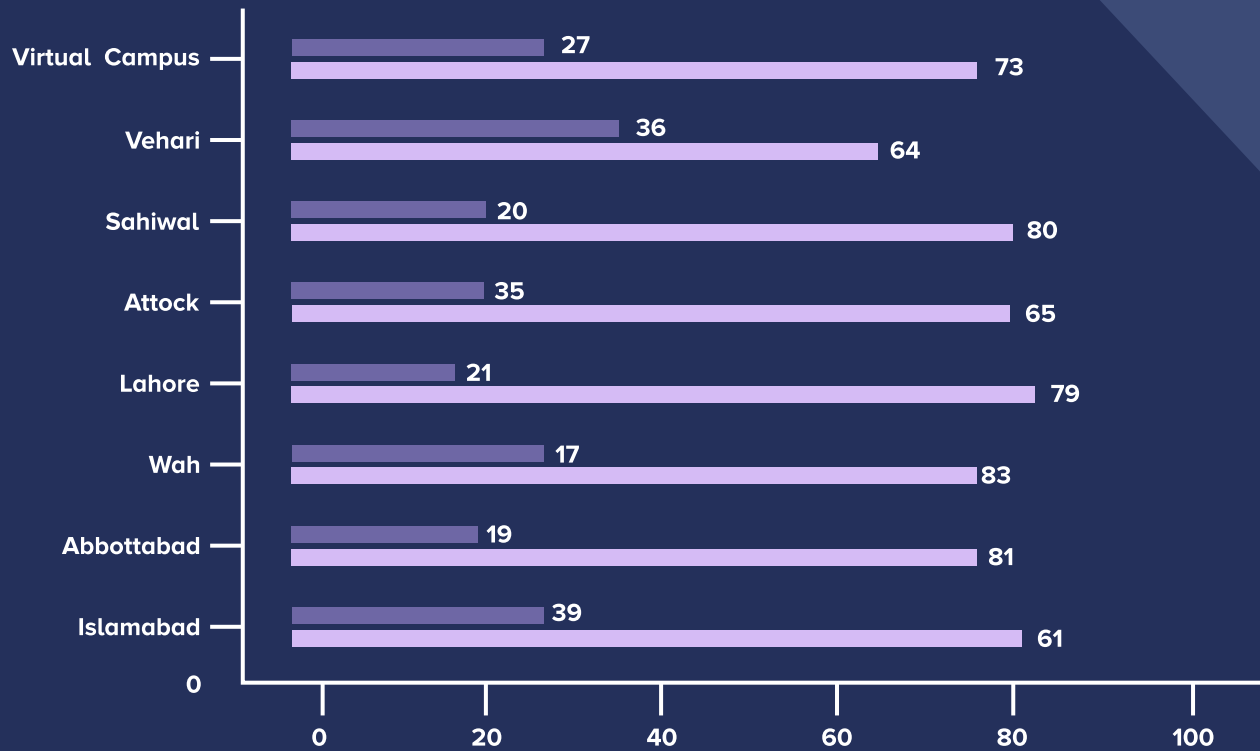
Representation of CIIT Alumni in Different Sectors

CIIT Alumni are working in different sectors including Banking, Education, IT and Telecom, Construction, Defence, Health and Food, Development sector etc. The data of 2016-17 is as below:

CIIT Alumni Placement (Sector Wise)

Sector	Percentage
IT Sector	21%
Telecom Sector	16%
Education Sector	24%
Others (SMEs etc)	6%
Banking & Finance Sector	7%
Public Sector	6%
Health & Food Sector	7%
Development Sector	3%
Construction	5%
Defense	4.5%
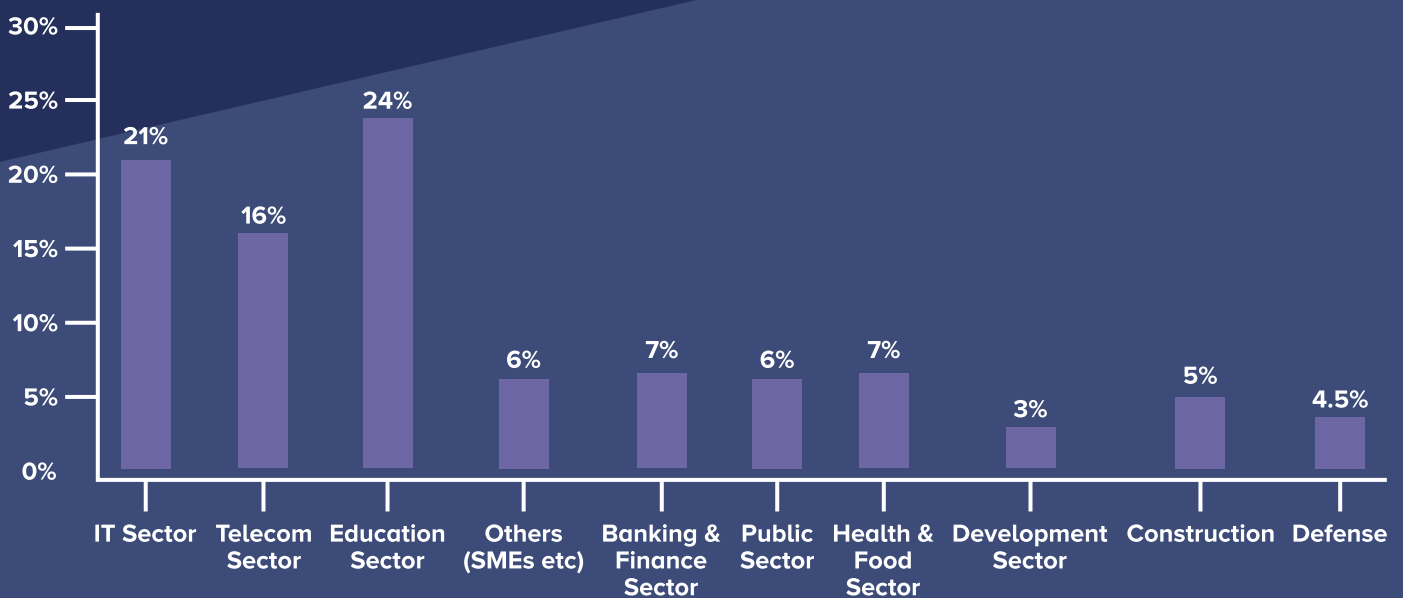
Faculty-Student Ratio

Induction of highly qualified faculty at CIIT is a continuous process. It is firm commitment of CIIT to provide it students with the best. During the reporting period, the faculty to student ratio at CIIT was 1:11.

Universities Building Economies

University Industry Linkages

Creating an interface between academia and industry is the most important tool in transferring the knowledge and providing students with the exposure of practical world. University-industry linkages are central in providing students with the opportunities to gain experience, work on real world problems and in return the pool of skilled and learned candidates increases for the industry. The efforts by various departments/campuses of CIIT in this regard during the reporting period are given below:

Cotton Craft PVT Ltd
IRCBM at CIIT Lahore signed an agreement with Cotton Craft PVT Ltd on December 20, 2016. The purpose of this agreement is to develop wound dressings.

COMSATS Dairy Development Centre
CIIT Sahiwal has been rendering its services for dairy sector development since 2014 and is in the process of establishing an independent COMSATS Dairy Development Centre at its campus. In order to pursue this objective the COMSATS Dairy Team Leader Dr. Ahmad Ali, Associate Professor at the Department of Biosciences called upon Mr. Nasim Sadiq, Secretary Livestock, Punjab at Lahore Secretariat on December 26, 2016. In addition, Secretary Livestock and Dairy Development Department, Government of the Punjab also discussed the possibility of initiating a joint project with COMSATS Sahiwal to deliver training session for Livestock and Dairy Development staff at CIIT Sahiwal.

Departmental Industrial Liaison Committee
Departmental Industrial Liaison Committee at Department of Management Sciences, CIIT Islamabad secured an invitation on November 21, 2016 to participate in a mega industrial event titled Textile Asia 2017. Textile Asia is the official event of the Federal Ministry of Textile Industry, Pakistan. It is a 03 days event to showcase products focusing on the trends of buying and selling potential of textile. It attracts businessmen that are looking for innovative solutions to bring more efficiency in their production systems. Textile Asia was an ideal platform for CIIT to generate new business contacts and to establish new alliances and joint ventures.

The committee also participated in German Technology Startups seminar on November 22, 2016. Germany is among the key tech markets and it ranks fifth among the top countries in the domain of high-techs, 2015. The seminar proved to be a sharp learning curve for the participants in terms of ascertaining state of the art entrepreneurship skills.

Punjab Information Technology Board
CIIT Wah signed a Memorandum of Understanding (MoU) with Punjab Information Technology Board, Youth Affairs, Sports, Archaeology and Tourism for establishment of e-Rozgar Centers at ARFA Software Technology Park on February 10, 2017.

Committee for Establishing and Implementing Professional Bodies Linkages
The Committee for Establishing and Implementing

Professional Bodies Linkages at Department of Management Sciences, CIIT Islamabad visited Faisalabad Textile Mills on May 10, 2017 for building industry ties with academia particularly with Department of Management Sciences. A meeting was held with CEO and President of United Textile Mills to initiate various plans in which students from the department would assist them in marketing and promotional activities.

S&P Global PVT
Career Development Cell (CD), CIIT Islamabad held a meeting with HR team of S&P Global PVT on September 05, 2016. The following were discussed during the meeting:

▶ A recruitment drive for CIIT graduates
▶ A set of proposal on various topics for sponsorship

Securities and Exchange Commission of Pakistan (SECP)
A meeting was held with SECP on October 04, 2016 by CDC, CIIT Islamabad to discuss possible future collaboration between SECP and CIIT for learning and development of CIIT students. Both parties agreed on the following points:

▶ MOU between CIIT and SECP
▶ Different sessions related to the course content
▶ SECP will share its modules with CIIT to incorporate it in

CIIT's course content
- ▶ Possibilities of future joint collaborations in the field of research and case study
- ▶ Discussion on the execution of different events related to training and development of professionals in the CIIT
- ▶ IIT proposed for a possible SECP's Directors Training Program (DTP) at CIIT Islamabad

Meeting with Act International
CDC Islamabad held a meeting on October 23, 2016. Both parties agreed to launch Youth Volunteer Training program and Youth Skills Development Program in CIIT Islamabad.

Heavy Industries Taxila (HIT)
Department of Physics, CIIT Islamabad signed a MoU with Heavy Industries Taxila (HIT) during the reporting period to collaborate for research and development. HIT is the prime industry for defense production. HIT initiated a project for modernization of its test benches used for standardization of equipment. Two people of CIIT were assigned one out of many test benches and worked on this project.

Huawei Training Program 2017
The students of CIIT Abbottabad proved their worth in the Huawei Training Program 2017. This is the third time Huawei visited CIIT Abbottabad. In all three visits, they hired 22, 19 and 22 graduates respectively. The number of applicants appearing in the test was 261 from which 48 were shortlisted for the interviews. By the grace of Almighty ALLAH, 22 have been offered placement in the company as per following distribution: '

- ▶ The Department of Electronics Engineering : 16
- ▶ Department of Management Sciences: 3
- ▶ Department of Computer Science: 3

Besides, Center for Islamic Finance at CIIT Lahore visited following companies during December 2016 to invite them on Global Forum for Islamic Finance and to discuss future prospects for the exchange of ideas and promotion of the Islamic Finance industry through knowledge sharing and training exercises:

- ▶ Orient Energy Systems (Pvt.)
- ▶ Sajid Flour Mills(Pvt.) Limited
- ▶ Ravi Automobile
- ▶ US Apparel

Business/Technology Incubation Center

The Business Incubation Center (BIC) aims at commercialization of CIIT research and development. This is to be achieved through rapid and sustainable development of economy by deploying knowledge inputs to the society. The vision relies on education and technology inputs especially which are available/developed at CIIT to industry, agriculture, health to contribute towards improvement of socio-economic structure of Pakistan. CIIT has initiated development of a series of business/technology incubators

named CUBATORs. There are currently 32 companies being hosted at these incubation centers.

Student Startup Business Centre (SSBC)

With a view to nurture an entrepreneurial culture and support students in launching their own knowledge based businesses, CIIT launched the Student Startup Business Centre (SSBC) in 2016. The program offers guidance, mentorship, and technical support to potential student entrepreneurs, as well as facilitating them with free work space and seed funds in order to fully support the most promising start-ups. SSBC is modeled on a unique thought process that is mindful of the current socio-economic environment prevailing in the country. It aims to create a sizeable number of small and medium sized businesses every year, each generating direct employment for knowledge workers and aims to become the leading centre for learning and model for advancement in the area of student based entrepreneurship in the country.

SSBC has also been launched at CIIT Abbottabad. A team visited the Campus on June 14, 2017 in which the participants were briefed about the objectives and functions of SSBC. The importance of an entrepreneurial culture in the university asserting the need to promote knowledge based startups was also highlighted. A presentation was also delivered to the students about the process and road map of SSBC, in order to raise awareness about CIIT entrepreneurship initiative and motivated the students to actively enroll in the SSBC program.

It was a moment of great pride for CIIT when a SSBC facility was inaugurated at CIIT Attock on May 26, 2017. The SSBC enrolled students gave presentations regarding the progress of their startups and displayed their prototypes. Executive Director SSBC during his remarks highlighted the importance of entrepreneurial culture in varsities. He advised the students to gear up their startups to avail the opportunities

being offered to them and facilities provided by SSBC to promote knowledge based economy.

A SSBC facility was launched at CIIT Sahiwal as well on December 07, 2016. Followed by ideas submission process by students of CIIT Sahiwal, 56 potential ideas were submitted under this initiative. A team from SSBC, CIIT Islamabad visited CIIT Sahiwal on January 20, 2017 to conduct final selection of the student ideas.

Various activities carried out by SSBC, CIIT Islamabad during the reporting period are as follows:

▶ The session on "Business Simulations: Competitive Strategy Game" was held on May 12, 2017 by Dr. Adil Tahir Paracha, Assistant Professor, CIIT Islamabad. The session emphasized on different aspects of simulations used for businesses. These simulations can focus on a wide variety of topics and objectives, ranging from strategy alignment to capability building in the areas of business acumen, leadership, sales, innovation and others. Dr. Adil elaborated the purpose of business simulations is to experience the corporate world by becoming an executive of the company and determining its faith through decisions made in a volatile environment.

▶ SSBC in collaboration with Startup Hub organized an event "Lead Your Dreams & Music Fiesta" on May 17, 2017. The event provided awareness about entrepreneurship as an alternative career option for students having innovative ideas that could be transformed into businesses. The Speakers Mr. Naimat Khan Durani and Mr. Amir Iqbal gave motivational talks on hassles which are faced by budding entrepreneurs. They shared their personal experiences with starting new business. The overall objective was to motivate students towards starting their enterprises and creating opportunities for other graduates. The event also raised awareness about the services offered by SSBC.

▶ The talk on "Personal Development of an Entrepreneur" was held on April 19, 2017 by Mr. Noshad Minhas, Head

Cash Management Silk Bank. The talk emphasized on aspects of personal development of an entrepreneur which are required to be able to deal with the sudden changes and appropriate actions & reactions so that they can stay in the game. Mr. Noshad elaborated how self developments and self improvement can be catalysts of change that bring further success to the future of one's business.

▶ SSBC organized a session on "Startups from Idea to Execution" by Mr. Syed Ahmed, (Chief Executive of DPL-IT) on March 17, 2017. The objective of this session was to familiarize the participants regarding different stages of the startups. The session elaborated upon following areas:

  ▶ Startup: idea conception to operations
  ▶ Product engineering
  ▶ Product market fit
  ▶ Scale operations

CUBATOR 1ne

The CUBATOR 1ne (COMSATS University Incubator) is a venture of CIIT initiated on October 01, 2014. It provides impetus to business ideas by giving them a conducive environment, expert advice, mobilization of resources as well as the right networking opportunities. This helps them become economically autonomous thus contributes in developing the economy of the country in general. CUBATOR 1ne, furthermore, serves as a much needed bridge between academia and industry. It will act as change and innovation bringing agent.

List of Cubatee
Cubatee are the companies which have some initial investment and an idea. They are provided fully equipped space and resources required for refining the idea and launching it in the market. The list of Cubatee during the reporting period is given below:

#	Company Name	Starting Date
1	Fambzzhh	July 01, 2016
2	Mirza Consultants	August 01, 2016
3	C DOT (Pvt) Ltd.	August 15, 2016
4	DIGI Tribe (Pvt) Ltd.	September 01, 2016
5	Prime Tech	November 01, 2016
6	Pak One Health Alliance	November 15, 2016
7	SOFT	December 01, 2016
8	House of Technology	January 01, 2017

#	Company Name	Starting Date
9	The App Enterprises	February 01, 2017
10	Robo Electronics	February 01, 2017
11	Savari Tech (Pvt) Ltd.	March 01, 2017
12	CSC Consultancy	March 01, 2017
13	Sardar Capital Café	March 15, 2017
14	Quality Pal Consultancy	April 01, 2017
15	Binnary Soft Solutions	April 01, 2017
16	Soft Appo	May 01, 2017
17	True North Venture	June 01, 2017

Graduated Companies

Cubatee graduate from the CUBATOR 1ne if they meet one or more of the following Key Performance Indicators:

▶ If the Cubatee has spent 6-18 months at CUBATOR 1ne and the project hasn't completed yet, then an additional 12 months could be given by the CUBATOR's management if they feel that the project can be completed by then.
▶ Cubatee has successfully developed the prototype and has found an investor or Venture Capitalist to either buy it or take it to the production stage
▶ Reaches annual sales of 01 million
▶ Makes a successful public or private stock offering of more than 500,000
▶ Achieves positive cash flow
▶ Merges with another successful company
▶ Cubatee has hired an experienced management team
▶ Expansion of team members to 5 or more

#	Company Name	Starting Date	Graduated Date
1	Tourism Live LLC	September 21, 2015	July 30, 2016
2	X Velopers	August 01, 2015	July 30, 2016
3	Tech Strategies	September 15, 2015	October 01, 2016
4	Network Communication Services	May 01, 2015	October 30, 2016
5	BTSOL Enterprises	September 01, 2015	November 30, 2016
6	UNISON	September 01, 2015	December 30, 2016
7	Ludus Magnus	December 01, 2016	April 30, 2017
8	SOFIT	August 15, 2016	May 31, 2017

Commercialized Products

Following products were commercialized during 2016-2017:

▶ Biometric Security Clearance System
▶ Car License Plate Recognition System

Internship and Placement Office

Besides providing the students with quality education and learning experience, CIIT also helps them and the alumni in exploring various job opportunities and making effective career choices. For this purpose, internship and placement offices have been established at all CIIT campuses which assist in personal and professional development of students/alumni.

Career Development Cell (CDC), CIIT Islamabad is very active and provides students with various opportunities to channel their energies in the right direction. During the reporting period, following activities were carried out by CDC, CIIT Islamabad:

Workshop on Youth Volunteerism, Scopes & Opportunities
The workshop was organized on September 09, 2016. The aim of the session was raising awareness about volunteerism and role of SDGs. The workshop was arranged in collaboration with UNDP and UNV. Mr. Aktar Uddin, Country Program Officer, UNDP Pakistan was the resource person.

Workshop on Interviewing Skills
The workshop was organized on September 09, 2016. The aim of the session was to enhance professional knowledge and interviewing skills of the graduating students and to make them ready for market demand. Ms. Meher Sheikh, Head of HR, General Electric, International was the resource person.

Meeting with EnRive Pakistan
A meeting was held with EnRive Pakistan for international internships and placements opportunities in Germany on September 27, 2016. It was attended by EnRive CEO from Germany through Skype. EnRive will offer internships in

Germany to CIIT students of various departments during summer.

Orientation Session of Rozgar Work-A Microsoft Youth Workforce Developments Initiative
The session was held on September 28, 2016. The aim of this session was to aware students about job market, various opportunities available in national and international market, emerging market trends and international scholarships opportunities.

Meeting with Hyundai Pakistan
A meeting was held with CEO of Hyundai Pakistan on November 23, 2016 to discuss mutual cooperation between both parties regarding students' internships, placements and other activities etc.

Walk in interviews United Bank Limited
United Bank Limited's Head Office team from Karachi was invited by CDC for walk in interviews session. More than 35 graduates and alumni of Department of Management Sciences appeared in the interview session for various posts in UBL.

Workshop on How to Lead a Successful Career
This session was arranged on February 16, 2017. More than 150 students participated in the session. Mr. Knut Olav Nyhus Olsen (Kono), VP & CHRO, Telenor Pakistan was the chief guest and resource person for the session. CIIT students were able to know about the assessment center of Telenor Pakistan and various career paths both national and international.

Habib University's NUS 2017 Summer Program
Successful coordination was done with Habib University for its NUS 2017 Summer Program in April 2017. 15 CIIT students have been nominated for consideration to visit Singapore during the summer through fully funded program for recreation and foreign exposure.

Pakistan State Oil (PSO) Summer Internship Program
CDC coordinated with PSO, on March 15, 2017 and launched its Summer Internship program for students of CIIT from various departments.

Walk in interviews with Cure MD Healthcare PVT Lahore
The walk in interviews were conducted on April 17, 2017 for recruitment of various openings at Cure MD.

Lecture on Secrets Behind the Successful Entrepreneurs & Entrepreneurship Skills
The lecture was conducted on April 18, 2017 in collaboration with Career Pakistan and Department of Management Sciences. The session enabled the students to know about secrets behind a successful entrepreneur and entrepreneurship skills. Mr. Amer Qureshi, Director, Deloitte Australia was the resource person.

Session with World Bank Country Representatives
This interactive session was held on May 11, 2017. The students were briefed about the various functions of World

Bank in Pakistan as well as in the world. The selection criteria and assessment center of World Bank were also discussed and how CIIT students can grab opportunities in World Bank in future.

Skill Development Session
The session was conducted with Induct In PVT Limited on May 15, 2017. A team of professionals visited CIIT to guide graduating students about the various jobs opportunities available in various sectors and skills set required for these market jobs.

Internship Program with COMSATS Internet Services
A meeting was held on May 18, 2017. More than10 students' CVs were finalized and shared with HR team for final selection and interviews.

Seminar on Career Development in current Business World
The seminar was conducted on May 24, 2017 in collaboration with Department of Management Sciences. The aim of the session was to aware students about career development, personal development, challenges of global business and how to be a successful entrepreneur etc.

Lecture on Role of Market Intelligence in Global Business
The lecture was conducted on May 25, 2017 for students of Department of Management Sciences. Mr. Waqar Younas, Manager and Mr. Ahmed Raza, Assistant Manager from S&P Global PVT Limited were the resource persons.

PTCL Summit Drive
The drive was arranged on May 26, 2017. PTCL has more than 250 vacant positions of Assistant Manager Trainee. PTCL HR team visited   CIIT for briefing on its assessment center and online application process etc.

Job Fair
A job fair was held for the Department of Management Sciences on May 26, 2017 for hiring of graduating students. 08 companies were invited on the job fair. More than 80 students appeared in the interviews during the job fair for hiring/placements and internships etc.

Recruitment Drives
Following recruitment drives were conducted during the reporting period:

Company Name	Starting Date
Calenderer Technologies	October 10, 2016
Stylo Pvt Ltd	October 26, 2016
S&P Global	December 05, 2016 & April 05, 2017
Finca Bank Head Office, Lahore	February 02, 2017
Askari Bank Head Office	February 09, 2017
Limited IBM Pakistan	April 10, 2017
Nayatel PVT	April 12, 2017
Global Rescue PVT Limited	April 27, 2017
Learn O, Bots PVT Limited	May 18, 2017
Bestway Cement	May 25, 2017

Department of Computer Science, CIIT Islamabad arranged on campus recruitment drive in collaboration with Alachisoft; an international company and leading provider of high performance solutions for the .NET as well as the Java development community. Alachisoft Team including HR representatives and Development Team visited campus on April 25, 2017 for an introductory session of 45 minutes and then conducted skill assessment test for the SP17 graduating students for the position of Software Engineer, QA Engineer, Application Engineer and Technical Writer. 64 students of Bachelor of Science in Computer Science and Software Engineering attended the activity. After the introductory session, Alachisoft team had meeting with Head, Associate Head and senior faculty members of the department in which possibilities for future collaboration were discussed.

ILC at Department of Computer Science, CIIT Islamabad organized the Spring 17 Open House Event on May 19, 2017. 70 representatives from 31 leading IT companies participated in the event. 55 undergraduate projects were on display. These projects were evaluated by 06 judges from industry and academia and decided the winners. The key part of the event was the interviews session. Representatives of around 12 companies interviewed the students and offered them internships.

The COMSATS Engineering Project Exhibition (CEPEX) Open House Spring 2017 event was organized by the Department of Electrical Engineering, CIIT Islamabad from May 25-26, 2017. The main aim of the event was to provide exposure and create employment opportunities for the graduating students by giving them a platform to directly interact with their potential employers and to demonstrate their skills to them. A total of 74 projects from all programs were displayed for exhibition. Dr. Azhar Muneer (Pride of Performance); Director Air Weapons Complex (AWC) was invited as the chief guest. Representatives from the top companies in the twin cities were invited to attend the event. More than 60 representatives from around 30 companies attended this event. About 15 evaluators from academia and industry were invited who evaluated the projects and announced the best projects from each of the categories.

Besides, career development cells at all other campuses provide proper guidance to the students regarding their internships and career as well. Students are directed to various organizations (like banks, public, private sector etc.) for internship so that their professional skills are polished. Various organizations are contacted by the campuses itself to depute the students and regular feedback is asked from the head of the organizations so that the performance of the students is assessed for further improvement.

Student Counseling and Career Guidance

A career counseling seminar followed by one to one career clinic was conducted at CIIT Islamabad on March 03, 2017. Syed Azhar Hasnain Abidi, Chief Executive, Pakistan Institute of Career Counseling was the resource person for the session. After the seminar, one to one CV clinic was arranged for graduating students' facilitation. Following information was provided to students through this seminar:

▶ Locating and identifying the most appropriate university and further study destination- National and International
▶ Exploring and applying for postgraduate scholarships - National and International
▶ How to develop professional CV and statement of purpose
▶ Locating and applying for internships - local and international
▶ Preparing for job interview
▶ How to write an effective research synopsis- applying for PhD

The same seminar was conducted at other CIIT Campuses on following dates:

▶ **CIIT Attock:** March 08, 2017
▶ **CIIT Wah:** March 10, 2017
▶ **CIIT Vehari:** March 14, 2017
▶ **CIIT Sahiwal:** March 15, 2017
▶ **CIIT Lahore:** March 17, 2017
▶ **CIIT Abbottabad:** May 18, 2017

Career Talks was a one day career counseling workshop arranged by the Department Management Sciences, CIIT Abbottabad on November 17, 2016. The market experts invited for the talk were Mr. Rehan Tariq, Senior HR executive at HUAEWI and Mr. Kashif Javed, Senior HR manager at Himont Pharmaceuticals Pvt. Ltd. The session was divided in two modules. The details covered by modules are as under:

▶ How to convert an ordinary CV into a job winning CV
▶ Overcoming challenges during a job interview
▶ Overcoming job fear and learning organizational culture at Multi National Companies
▶ How to convert an internship opportunity into a permanent job

Mr. Muhammad Zubair, Regional Sales Manager, Engro Foods Private Limited and his team visited CIIT Abbottabad on December 07, 2016 for a talk on how behaviors and attitudes of employees/prospective employees affect their careers. He explained to the students how they can go up their career ladder with simple values like time management and dedication providing real life examples.

CIIT Sahiwal arranged a Talent Grooming and Career Counseling workshop from May 18-19, 2016. More than 160 students from Departments of Management Sciences, Computer Science, Biosciences, Mathematics, Mechanical and Electrical Engineering were registered. It was arranged in two batches with 80 students each and each batch comprised on four sessions.

Strengthening Physical Infrastructure

Development Projects

The Public Sector Development Program (PSDP) is the main instrument for providing budgetary resources for the development projects and programs CIIT campuses namely Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, and Vehari. Until the end of financial year viz Financial Year (FY) 2016-17, CIIT has successfully completed 48 projects (Annex-B) having capital cost of Rs. 8770.474 million.

Physical Infrastructure

Campus	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
Location	Established in 2001 at H-8, Islamabad. Shifted to permanent newly built campus in 2008 which is fully equipped with facilities of international standards spread over 42.7 acres	Established in 2001 in the vicinity of Pakistan Military Academy, Kakul and built on 38.5 acres of land donated by the Pakistan Army at Tobe Camp.	Established in 2001 at Quaid Avenue, CIIT Wah is housed in a spacious building equipped with state-of-the-art facilities spread over 1,523,200 sq. ft.	Established in January 2002, located on Defence Road, Off Raiwind Road, 30 minutes drive from the main city spread over an area of 185 acres.	Established in 2004 on 41.5 acres land for the purpose of providing quality education to the students of far flung and under developed area with state of the art lab facilities. The construction of the permanent campus spread over 37.5 acres, is in progress now. 03 academic departments i.e. Electrical Engineering, Computer Science and Mathematics are already operational at permanent campus whereas department of Management Sciences is functional at the old campus.	Established in 2006 and surfaced as a vibrant educational institution in Sahiwal, spread over 36 acres.	Established in 2008 initially in a temporary campus. The land allocated for permanent Vehari campus is at two different places. Currently, the permanent campus is established at one location and is spread over 32 acres. Three blocks are completed at this location. The second location is 20 acres and will be developed in coming years.
Classrooms	80	55	46	64	31	49	31
Laboratories	55	74	32	56	22	18	13
Library Holdings	58,200 books, 45 journals	33,300 books, 25 journals	24,000 books, 24 journals	30,890 books, 22 International journals/magazines, 41 National journals/magazines	10,000 books, 14 journals	12,491 books & 07 journals	9,500 books, 700 Cds, 08 journals/ magazines
Hostel Facility for students	551(296 male and 255 female)	858 (678 male and 180 female)	700 (600 male and 100 female)	1,100 (650 male and 450 female)	392 (330 male and 62 female)	420 (315 male & 105 female)	112 (72 male and 40 female)
Digital Library	32,000 Online Journals & 60,000 Books						
Services	Video Conferencing Facility, Wi-Fi Facility, Common room for Girls, Cafeteria, Mosque, International Library Loan, Career Development Center, Sports and Extra-curricular Societies						

Virtual Campus Infrastructure

The infrastructure of Virtual Campus during the reporting period is given below:

DETAILS	INFORMATION
Total Area of CIIT Virtual Campus Islamabad	Approx. 100x280 sq. ft.
Total Covered Area	Approx. 11,697 Sq. ft.
No. of Call Center	01
No. of Labs	02
Publishing/Copying Lab	01
No. of Computers in labs (Recording /Publishing/ Editing)	10
No. of desktops computers for faculty and staff	140
Laptops	26
Digital Courseware in Online/Offline Archive	12 Degree Programs
Courses Created/Available to Date	247
Approx. Size of Digital Intellectual Content (Video Lectures, Textual Academic Material)	Over 10000 Gigabyte
Soft Copy Material	Online Video Lectures Archive (lib.vcomsats.edu.pk)
Transport Facility	**08** Cars 02 Van 800 cc 03, Motor Bikes 70 cc 03

Construction Projects

The manifestation of quality education being provided at CIIT is evident from the ever increasing enrollment of the Institute. This increase demands the simultaneous augmentation in the infrastructure. By the close of financial year 2016-17, there were 04 ongoing projects of CIIT for which Rs. 214.652 million have been allocated by the Government. Out of these 04, 03 projects were for strengthening the physical infrastructure. The complete list of all on-going projects is given in Annexure C.

Research Equipment

One of the aspects of CIIT mission's is Research and Discovery. In order to excel in that area, it is inevitable to purchase new research equipment to facilitate the research process and to gain fruitful results. During the reporting period, new research equipment was purchased for a variety of purposes for different campuses. The summary of this equipment is as follows:

Sr.	Campus	No. of Research Equipments	Cost (Rs.)
1	Islamabad	90	14,095,124/-
2	Abbottabad	73	82,737,043.09/-
3	Lahore	215	58,431,213/-
4	Sahiwal	17	9,122,224/-
5	Vehari	05	5,222,637/-
	Total	**400**	**169,608,241.09/-**

Strengthening Technological Infrastructure
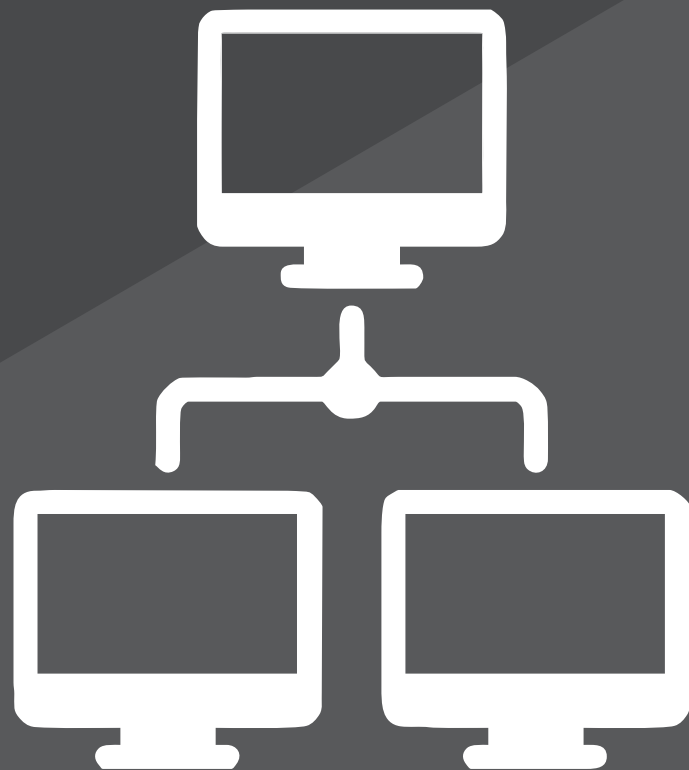
Digital Library

Journal Databases

CIIT Library is providing access to more than 32,000 high quality, peer-reviewed journals, databases, and articles through HEC's Digital Library program. In addition to this thousands of e-books are also offered on different subject areas like Science and Technology, Social Sciences and Humanities. Students and faculty can access these resources from inside and outside the campus through IP address and Virtual Private Network (VPN) respectively. Access to the following resources is available through IP address at CIIT Islamabad Campus:

http://ww3.comsats.edu.pk/library/HEC_Digital_Library.aspx

1. American Association of Physics Teachers
2. American Institute of Physics
3. American Mathematical Society
4. APS Journals
5. Association of Computing Machinery
6. Cambridge University Press
7. Emerald
8. Institute of Physics
9. Institute of Electrical and Electronic Engineers (IEE)
10. ISI Web of Knowledge
11. Journal of the Acoustical Society of America (JASA)
12. JSTOR
13. Nature Publication
14. Optical Society of America
15. Science Direct
16. Science Online
17. Springer Link
18. Taylor and Francis Journals
19. Wiley - Blackwell Journals
20. Edinburgh University Press
21. Duke University Press
22. SciVerse

E-Library

CIIT Library is also developing its own E-Books Library, and continuously e-books at various subjects are downloaded on daily basis from different free/subscribed databases. The

total number of books is currently reached to 10,000 at different disciplines. It is hoped that after a couple of years this number will increase to satisfactory level.

(http://ww3.comsats.edu.pk/library/ciit_elibrary)

Besides, 60,000 online books are also available through the Digital Library Program of HEC. The e-books support program allowed researchers to access most of the important text and reference books electronically in a variety of subject areas.

Other digital/electronic services provided by CIIT Islamabad library include Free Online Public Access Journals, Access to Scopus Database, Electronic Document Delivery Services, Video Conferencing Room, Computer Workstations with a seating area for about 1000 users with 300 computers on various floors of the library, Wi-Fi, Innovative/Hi-Tech, RFID Management System, etc.

CIIT Union Catalogue

Union Catalogue contains records of all CIIT libraries holdings and allows the users to search entire CIIT libraries at once. The purpose of CIIT Union Catalogue is to provide access to books available in CIIT libraries using a single search interface. Searching will return a list of extracted bibliographic information along with details of the library/libraries that owns them.

Union Catalogue can be extremely helpful if the user is searching for a specific title, or, looking for material that is not available at one campus and thus can be acquired by loan from the other campus where it is available. (http://ww3.comsats.edu.pk/uc/)

Pakistan Education and Research Network (PERN)

The PERN connects universities and research institutes through high-speed internet bandwidth. The main purpose of this network is to facilitate researchers/students in sharing data and to coordinate with each other though video conferencing.

During 2016-2017, PERN bandwidth at CIIT Islamabad was 400Mbps.

CIIT Abbottabad was connected to PERN in July 2007. Initially campus acquired 4Mbps dedicated connectivity via PERN1 project of HEC. Now the campus has high speed dedicated connectivity via PERN2 over fiber optics. The campus has 160Mbps internet bandwidth to fulfill the day to day educational and research requirements of campus. CIIT Abbottabad is aiming to upgrade the Internet bandwidth to 200Mbps in near future. CIIT Abbottabad also has privilege of being the active partner with the PERN. CIIT Abbottabad is serving as point-of-presence (POP site) for Hazara and connecting regions having 1Gbps connectivity in PERN2 long haul network.

CIIT Wah Campus is availing 80 Mbps bandwidth facility from Higher Education Commission under PERN2 Project.

CIIT Lahore also took the internet services from PERN under the bandwidth of 500 Mbps per month.
All other campuses except CIIT Vehari are availing PERN facility.

Video Conferencing Facilities

Video conferencing has enabled all users to connect, communicate, conference, and share information in any environment. At CIIT, video conferencing is currently utilized for distance learning program (Virtual Campus), and to conduct meetings for efficient and effective use of its time and resources.

Campus Management Solution (CMS)

CIIT approved IT policy in 2014 to stream line it services and processes in all campuses of the organization. During the reporting period, following activities were carried out in this regard:

Real time integration of Fee management with Banks
CUOnline developed services and backend system to integrate with banks IT in 2016-17. Banks have started to integrate with the same and integration with one bank was completed in June 2017. This has made CIIT first university to process fee related bank transactions in real time. Integration is underway with other banks as each bank has its own rules/processing environment and integration requirements. This has greatly reduced manual work and reliability of transaction processing without human errors.

CIIT Information App for Smart Phones
CUOnline launched an app for smart phones for all campuses for prospective students, parents and general public. App lists programs, departments, important contacts, transport routes, library and other information needed by end users in easy navigation. App is designed to deliver relevant data to all CIIT campuses. CUOnline login is added in the app and now students can see their marks/important notifications from mobile phones. App can now send mass messages to all app users as well using a CMS. (April-June, 2017)

New Modules for Lahore Campus
New modules for DDP academic rules/result processing for Lahore campus are developed, tested by the campus and deployed in record time. (January-April, 2017)

Deployment of COMSIAN Portal
COMSIAN portal is deployed after all requirements shared by the department were completed during August 2016 to May 2017.

Improvements in Systems Security
Systems security is significantly enhanced to mitigate emerging threats with the evolution of technology. This is an ongoing process and system is sufficiently dealing with cyber-attacks. (September 2016-January 2017)

Automation of Foundation University Medical College and Regular Campus
As per contract between CIIT and Foundation University Islamabad (FUI), detailed requirements analysis was initiated at FUI to automate its various processes as per custom needs they have in May 2017.

Extension in Support Contract with Ghulam Ishaq Khan Institute (GIKI)
One year's extension of contract with GIKI was secured after system was successfully deployed there to cater new requirements in various systems implemented there in August 2016.

Online Admission System

A robust Admissions System which offers various new features including online integration support to several other systems is fully operational at CIIT. The campus-wise breakdown of the submitted applications through Online Admission System during the reporting period is tabulated below:

Sr.	Campus	Fall 2016	Spring 2017	Total Online Applications Submitted at Campuses
		Online applications submitted		
1	Islamabad	8,297	2,844	11,141
2	Abbottabad	3,933	588	4,521
3	Wah	1,894	341	2,235
4	Lahore	6,335	1,813	8,148
5	Attock	1,081	605	1,686
6	Sahiwal	1,173	496	1,669
7	Vehari	838	540	1,378
	Total	**23,551**	**7,227**	**30,778**

Online Course Offerings

CIIT Course Catalog at Registrar office is fully integrated with campuses. All courses are offered directly from Registrar office based at Principal Seat Islamabad. Catalog is managed in real time by Registrar office for Program, Courses, Pre-requisites, etc offerings to campuses. Students' fee system is integrated in the course registration process as well.

Universities Building Communities

University-Community Building and Interaction

Today, university-community interaction is imperative for knowledge transfer and to build a community with opportunities of learning for students. Keeping in mind the importance of community building and increasing significance of university-community interaction, CIIT carried out following activities during the reporting period:

Ms. Hanniya Abid, Assistant Professor, Department of Management Sciences, CIIT Islamabad helped in organizing cultural activities at FIWA Charity bazaar with the embassy of China and delegates from other embassies held on August 28, 2016.

Department of Management Sciences, CIIT Islamabad organized a cultural night in collaboration with Deserving Victims of Terrorism Balochistan (DEVOTE) and HEC, under the patronage of Chief Minister of Balochistan/Head Quarters Southern Command on September 28, 2016.

The DMC at Department of Management Sciences, CIIT Islamabad held awareness campaigns in collaboration with COMSATS Blood Donor Society (CBDS). They focused on policy and planning, mitigation, operations and communications, administration and capacity building. The committees reflected on the milestones that have been achieved so far. After the formal inauguration by HoD on October 31, 2016, the awareness campaigns started off in campus involving diverse activities to engage the students and faculty alike, invoking interest and awareness about DMC, CBDS as how they are going to work and how students and faculty will benefit from such committees and further how can they be involved and be a part of it. The awareness campaign continued for a couple of weeks.

The DMC at Department of Management Sciences, CIIT Islamabad organized Red Ribbon Walk for APS victims along with CBDS (COMSATS Blood Donation Society) on December 16, 2016 to show the solidarity. Moreover, NHEPRN (National Health Emergency Preparedness and Response Network) representative Dr. Sabeena Khan Durrani, Deputy Director Operation (DDO) also visited CIIT on the same day to formulate a formidable and responsive counter-disaster strategy to mitigate the potential devastating impact of natural disasters.

Ar. Adnan Amin, Department of Architecture, CIIT Islamabad delivered a detailed presentation about the yearlong campaign highlighting its objectives, goals and achievements in May 2017 at International Seminar on Environmental and Climate Change to commemorate Earth Day. This campaign covered multiple events starting from awareness campaign about simple household energy saving guidelines to Energy Tech Gala, industry academia relationship, student activities, installation of separate garbage bins for paper, glass and organic materials, garbage collection campaigns at CIIT and Lake View Park Islamabad, poster competition, series of seminars and the most successful tree plantation campaign at CIIT Islamabad.

Career Development Center (CDC) at CIIT Islamabad was also actively engaged in activities relating to community building and interaction. During the reporting period, following activities were carried out by CDC:

▶ The awareness session on "Anti-Corruption" was arranged on October 10, 2016 in collaboration with Loug Trust under its program Integrity Idol Pakistan 2016. The

aim of the session was to raise awareness on accountability and role of youth in combating corruption etc

▶ An International Human Rights Day Seminar was arranged on December 05, 2016 on the topic "Reaffirming Commitment to National and International Human Rights Obligations". The objective of the seminar was to discuss challenges and identify way forward for the effective implementation of universal human rights standards at national level.

▶ CDC in coordinated with International Office and various

other departments of CIIT Islamabad for the arrangements of United Nations "Human Rights through Cinematography" event on December 10, 2016. An Oscar award winning documentary titled "A Girl in the river" was screened followed by an interactive debate session with the students. Sharmeen Obaid Chinoy was the Chief Guest.

▶ International Anti-Corruption Day" was celebrated on December 12, 2016 at CIIT Islamabad. A walk was organized besides students' speeches and skit on the topic of corruption.

▶ A seminar on "Role of Youth in Combating Corruption" was organized on December 15, 2016. Dr. Rahat Zubair Malik, Research Fellow, National Institute of Historical and Cultural Research Center of Excellence was the resource person.

▶ A Seminar on "Disaster Management and the Role of Higher Education Institutions" was organized on December 16, 2016. Dr Sabin Khan Durrani, Deputy Director, National Anti-Terrorist Organization was the resource person.

▶ United Nations Volunteer Learning Training Session was conducted in collaboration with Act International on March 01, March 25, and April 01, 2017. More than 35 students of CIIT were selected and got series of training at CIIT Islamabad. The trained staff of Act International was the resource persons and these trainings sessions were fully funded by Act International. After successful completion, these students are now working on various social action projects for the services of the community.

▶ An Interactive Session with Pakistan Red Crescent (PRC) was held on May 10, 2017. More than 120 students of

various departments participated in the session. It was arranged for the formation of CIIT Youth club for volunteer work at CIIT. 40 students from various departments were elected for CIIT Volunteers Youth Club. The PRC will provide trainings to these elected students for volunteers.

6th Umrah Funds Draws Ceremony was held August 19, 2016 at CIIT Abbottabad. This is a regular scheme which provides deserving employees with opportunity to perform this religious ritual. 33 employees of CIIT Abbottabad were selected for the year 2016-17 through the computerized draws to perform Umrah through CIIT Hajj/Umrah Fund.

Eid Gifts Distribution Ceremony for COMSATS Sweet Home Children was held on September 09, 2016. Children arrived in the Campus along with their teachers and mothers. They were warmly welcomed by the officials of CIIT Abbottabad. Ceremony was graced as chief guest by Dr. Arshid Pervez, Acting Director, CIIT Abbottabad.

A Lecture on "TB control" was organized by the Department of Pharmacy, CIIT Abbottabad on September 22, 2016. Guest speaker, Dr. Maqsood A Bangash, Logistician Pharmacist from WHO Program KPK, Pakistan delivered this informative lecture.

Ground Breaking ceremony of COMSATS Sweet Home Building was held on September 23, 2016 Director CIIT Abbottabad, Head of the Departments and all other senior members of CIIT Abbottabad attended the ceremony.

A seminar on "Thyroid Cancer Awareness" was organized at CIIT Abbottabad in collaboration with INOR, Abbottabad, Aga Khan University Hospital Karachi, and Al-Rasheed Cancer Cure Hospital, Abbottabad during the reporting period. Dr. Jawad A. Gillani, Consultant Oncologist, INOR delivered informative lecture on thyroid cancer and its risk factors. Dr. Rashid Rasheed, Consultant Radiologist shared the activities performed by Al-Rasheed Cancer Cure Hospital against cancer. After the seminar, two days free thyroid screening camp was organized.

Spring Plantation Drive Spring 2017 was launched jointly by faculty and students of CIIT Abbottabad under the auspices of Green Campus Committee (GCC). Few of the plant species that were prepared for plantation this season on campus included Raat ki Rani, Arabian Jasmine, Jatti Khatti (evergreen plant with white flowers in spring with soothing fragrance), Saru, Apricot, and Apple.

COMSATS Community Development Unit, Engineering Resource Center, COMSATS Information Technology Center, Life Sciences Center, and Department of Development Studies at CIIT Abbottabad initiated skill development project during the reporting period for the marginalized communities with the financial assistance of European Union. The main objective of this project was to address the technical and vocational education needs in KP and FATA to move from a supply-driven to a demand-driven training mechanism.

A team of CIIT Wah visited Haripur Jail on July 01, 2016 to distribute Eid Gifts to the children accompanying prisoner mothers. CIIT also paid some amount on account of convict court fine on behalf of a mother to release him from jail before Eid.

Department of Electrical Engineering, CIIT Wah organized an event titled "Brightening Lives Charity Show" on February 27, 2017. Following activities were arranged for special children and gift hampers were distributed amongst students:

▶ Sports activities i.e. Badminton, Tug of War, Races, Hurdle Race, Questions/Answers for kids.
▶ Painting Competition and Song Competition

A blood donation camp was arranged by Campus Blood Donation Society at CIIT Wah with the collaboration of Pakistan Red Crescent Society on April 11, 2017. 121 bags of blood were donated by the students/faculty.

Energy Research Center (ERC) at CIIT Lahore arranged awareness campaigns on Technology Transfer during 2016-17. Six seminars were arranged in this regard.

Center of Islamic Finance held a Shariah advisory service in January 2017 to facilitate public from different spheres of life particularly students, faculty and staff from universities all over Pakistan.

Department of Humanities, CIIT Lahore organized a Blood Donation Camp on March 09, 2017 to donate blood to Fatmid Foundation.

CIIT Vehari organized an awareness walk titled "Say No to Corruption" during the reporting period.

Alumni Affairs and Achievements

Alumni are valued and considered a part of CIIT family. Following activities were carried out at various CIIT campuses with regards to alumni during the reporting period:

▶ Womens' Digital League is an NGO that is conducting free trainings for KPK ladies on Digital Livelihood Program. WDL is being sponsored by World Bank to conduct these trainings. One such training was organized for CIIT Abbottabad's alumni, students, and faculty from August 01-13, 2016. The purpose of this training was to enable the females to do online earning while sitting at their homes, with the help of a computer and internet access.
▶ Department of Management Sciences, CIIT Sahiwal held an Alumni Reunion at on November 17, 2016. Prof. Dr. Saleem Farooq Shaukat, Director CIIT Sahiwal was chief guest of the ceremony, which was attended by more than 300 alumni, Heads of all academic Departments, a large number of faculty members and officials from National Business Education Accreditation Council (NBEAC), HEC and other renowned universities/ institutions.
▶ An Alumni Lunch was arranged by the Department of Management Sciences, CIIT Abbottabad on December 10, 2016. The event was attended by all faculty members and a large number of the alumni of the Department.
▶ The Department of Electrical Engineering, CIIT Wah organized Alumni Dinner on May 13, 2017 to reunite and establish the alumni network that gives alumni's an opportunity to create professional connections. Over 200 Alumni, Faculty Members and Section Heads participated in the event.
▶ COMSATS Psychological Society at CIIT Lahore organized an Alumni Dinner on May 24, 2017 to distribute certificates among alumni.

CHAPTER 10
Sports

Sports are an important aspect of academic life and it complements the education. They help in increasing the depth of personality development of students and help them equip with traits like decision making and leadership ability, cooperation, team work, time management, etc.

CIIT organizes the Students' Week in every semester to cater the sports need of students. The detail of such activities during the reporting period is as follows:

Inter-departmental Sports

 There are multiple departments at CIIT and students from each department actively participate in inter-departmental sports events to score and claim the trophy for their department. A week long slot is allocated in the schedule of every semester for students' week. The week offers students a short pause to recover from hectic and exhausting academic activities. Students participate in various co-curricular activities where they get ample opportunities to bring out their covert natural abilities. Students' week also provides youth at the CIIT with the prospects of working in collaboration, exercising leadership potential, taking initiatives and improving their social and behavioral skills.

In the same spirit, Students' Weeks were organized in Fall 2016 (September 27-October 05, 2016) and Spring 2017 (April 01-09, 2017) at CIIT Islamabad as a continuing tradition. Inter-departmental competitions were organized for the sports like Football, Badminton, Basketball, Chess, Cricket, Table

Tennis, Volleyball, and Tug of War for both male and female. Department of Electrical Engineering was declared the winner in Fall 2016 by securing 195 points, while Department of Computer Science remained runner up with 170 points. In Spring 2017, Department of Management Sciences lifted the trophy by securing 185 points and was declared the champion of the event whereas Department of Biosciences was runner up and secured 160 points.

Students Week Fall 2016 was held at CIIT Abbottabad from October 31, 2016-November 04, 2016. The major sports

organized during the week included Cricket, Football, Squash, Table Tennis, Badminton, Volley Ball, and Basket Ball etc. in addition to this various activities were organized by the following societies:

- ▶ COMSATS Literary Society
- ▶ Aadrish
- ▶ Funkada
- ▶ Adventure Club
- ▶ IEEE Soft Society
- ▶ Soft Society
- ▶ DAWAA Society

Also, Students Week Spring 2017 was held from May 02-06, 2017. A series of healthy activities were organized by different Societies. Various female sports were organized during both students' weeks as well.

A Students' Week was held from October 24-29, 2016 at CIIT Wah. A large number of students enthusiastically participated in games/activities held during the week. During the week Cricket, Badminton, Table Tennis, Football, Volleyball, Kabaddi, Indoor Games, E-Gaming etc. were conducted. Winners were awarded prizes and certificates in a closing ceremony.

CIIT Lahore also organized two Students' Weeks in Fall 2016 (October 28-November 04, 2016) and Spring 2017 (April 07-12, 2017). Inter-departmental competitions were organized for the sports like Hockey, Table Tennis, Chess, Football, Basketball, Cricket, Lawn Tennis, Badminton, Volleyball, and Tug of war during these weeks. Few of these events were also organized for females. CIIT Lahore organized COMSATS Football League as well on October 05, 2016. Teams from all departments of CIIT Lahore participated in this league.

Besides, cricket matches between senior faculty and senior administration and 200m race male, 100m race male and female , staff grade 100m race, sack race male and female, faculty and officers 80m race, faculty and staff children race. Three legged race male and female students and ball race female students were also organized during the students' weeks at CIIT Lahore.

Inter-departmental sports events organized at CIIT Attock during the reporting period included the following:

- ▶ 100 meter race (male) - February 22, 2017
- ▶ 100 meter race (female) - March 01, 2017
- ▶ Tug of war (male) - March 22, 2017
- ▶ Tug of war (female) - March 29, 2017
- ▶ Volleyball (male) - May 03, 2017
- ▶ Cricket tournament (female) - May 17, 2017
- ▶ Chess competition (male and female) - May 31, 2017

Inauguration of Students' Week Fall 2016 of CIIT Sahiwal was held on November 05, 2016. A large number of faculty members, staff and students were present during the opening ceremony. Few of the activities organized during the week included Flag Race, Marathon Race, Cricket, Hockey, Football, Volleyball, and Badminton etc.

During the year 2016-17, CIIT Vehari organized two sports week. Cricket, Volleyball, Football, Badminton, Kabaddi, Table Tennis, Tug of War, Indoor Sports, Luddu, Chess, Athletics, Computer Games and Speed Programming were the highlights of the sports weeks. More than 1,000 students participated in the games.

Participation in Local Sports Events

CIIT Lahore participated in the following local events during the reporting period:

► The Red Bull Pakistan hosted the "Red Bull Campus Cricket 2016 Lahore" from July16-23, 2016. CIIT Lahore team reached the Quarter Final.

► The Lahore Leads, University hosted the "Leads Inter-University Football Tournament 2016-17" from December 01-03, 2016. CIIT Lahore team reached the Semi Final.

► CIIT Lahore Football team participated in the spring sports festival from February 12-15, 2017 organized by Lahore School of Economics. CIIT Lahore team reached the Quarter Final.

► CIIT Lahore participated in the Football League conducted by Raiwind Football Club on superior university football ground from February 22-25, 2017.

► Beaconhouse National University Sports Department (BNUSD) organized BNU T20 Cricket Championship 2017 starting from March 25, 2017. In the quarter final match CIIT Lahore beat Forman Christian College, Lahore by 32 runs.

► BNUSD organized BNU Football Rumble 2017 from March 28-April 03, 2017. CIIT Lahore beat Beaconhouse National University in the final match.

► CIIT Lahore team participated in "Lahore Football League 2017" organized by Jang Media Group from April 07-12, 2017.

► Caltex Pakistan organized "Cricket Extravaganza 2017" from April 03-12, 2017. CIIT Lahore team reached the Semi Final.

► Lahore School of Economics organized Hockey Championship 2017 from April 12-17, 2017. CIIT Lahore

team reached the Semi Final.

► BNUSD organized T20 Cricket Championship 2017 from April 03-28, 2017. CIIT Lahore team reached the Semi Final.

► LUMS Sports Department (SLUMS) organized "SLUMS Cricket Tournament 2017" from April 17-28, 2017. In the quarter final match CIIT Lahore beat LUMS.

► SLUMS hosted the "LUMS Hockey Tri-series 2017" from April 21-30, 2017. CIIT Lahore team reached the Semi Final.

► The Sports Department of Forman Christian College (A Chartered University) Lahore hosted "9th Charles W. Forman Inter-Varsity Football Championship 2017"from April 25, 2017 CIIT Lahore team reached the Semi Final.

CIIT Islamabad also participated in the event titled FAST Sports Fest 2017 organized by FAST University from April 28-30, 2017.

Inter-Campus Sports Events

Following inter-campus sports events were organized during the reporting period:

► Inter-Campus Hockey Championship was organized at CIIT Sahiwal from November 07-09, 2016. CIIT Lahore got 3rd position.

► Inter-Campus Football Championship was organized at CIIT Lahore from April 10-12, 2017. CIIT Islamabad won the championship.

► Inter-Campus Football Championship was organized at CIIT Lahore from October 29-30, 2016. CIIT Lahore won the championship.

► Inter-Campus Cricket Championship was organized at CIIT Islamabad from April 07-10, 2017. CIIT Lahore won the championship.

Participation in National Championships

► CIIT combined team participated in All Pakistan HEC Intervarsity Table Tennis Championship session 2016-17 from January 27-29, 2017

► CIIT combined team participated in All Pakistan HEC Intervarsity Table Tennis Championship session 2016-17 organized by Shah Abdul Latif University Khair Pur from February 22-24, 2016

► CIIT combined team participated in All Pakistan HEC Intervarsity Volleyball Championship session 2016-17 organized by Arid Agriculture University Rawalpindi from February 16-18, 2017

► CIIT combined team participated in All Pakistan HEC Intervarsity Basketball Championship session 2016-17 organized by Bahria University Islamabad from February 14-16, 2017

► CIIT Islamabad participated in All Pakistan HEC Intervarsity Lawn Tennis Championship session 2016-17 organized by UCP Lahore from March 13-15, 2017

► CIIT combined team participated in All Pakistan HEC Intervarsity Football Championship session 2016-17 organized by CIIT Islamabad from March 18-22, 2017

- CIIT combined team participated in All Pakistan HEC Intervarsity Mountaineering Championship session 2016-17 organized by Quaid-i-Azam University from March 15-16, 2017
- CIIT combined team participated in All Pakistan HEC Intervarsity Hockey Championship session 2016-17 organized by Bahria University Islamabad from March 08-10, 2017
- CIIT combined team participated in All Pakistan HEC Intervarsity Rifle Shooting Championship session 2016-17 organized by NUST Islamabad from December 02-07, 2016
- CIIT combined team participated in All Pakistan HEC Intervarsity Cricket Championship session 2016-17 organized by CIIT Islamabad from December 08-13, 2016
- CIIT combined team participated in All Pakistan HEC Intervarsity Athletics Championship session 2016-17 organized by CIIT Islamabad from November 13-16, 2016
- CIIT combined team participated in All Pakistan HEC Intervarsity Badminton Championship session 2016-17 organized by Bahria University Islamabad from November 21-23, 2016
- CIIT combined team (Islamabad and Lahore) participated in All Pakistan HEC Intervarsity Chess Championship session 2016-17 organized by University of Veterinary and Animal Sciences, Lahore from May 22-25, 2017
- CIIT combined boxing team participated in the All Pakistan HEC Intervarsity Boxing Championship 2016-17 held at Karachi from February 22-26, 2017
- CIIT combined team participated in the All Pakistan HEC Intervarsity Kabaddi (zonal-c) Championship held at Government College University, Faisalabad from March 06-09, 2017
- Besides, CIIT female teams participated in the following events:
- All Pakistan HEC Intervarsity Rifle Shooting Championship session 2016-17 organized by NUST Islamabad from December 02-07, 2016
- All Pakistan HEC Intervarsity Athletics Championship session 2016-17 organized by University of Peshawar from January 29-March 03, 2017
- All Pakistan HEC Intervarsity Volleyball Championship session 2016-17 organized by University of Peshawar from May 08-12, 2017
- All Pakistan HEC Intervarsity Basketball Championship session 2016-17 organized by Bahria University Islamabad on December 22, 2016

Achievements at National Level

Students from CIIT campuses strive to play and win for their Institute. During the reporting period, following positions were achieved by CIIT's teams in various national championships:

- CIIT Mountaineering Team secured 2nd position in All Pakistan HEC Intervarsity Mountaineering Championship 2016-17 organized by Quaid-i-Azam University
- CIIT secured silver medal in All Pakistan HEC Intervarsity Rifle Shooting Championship 2016-17

- CIIT secured 10 Silver Medals in National Games during 2016-17 and 01 Silver Medal in Inter-University games
- CIIT Basketball Teams participated in Air Nexus 2017 in which it secured a Gold Medal in Table Tennis Men (Singles) and a Silver Medal in Table Tennis Men (Doubles)
- CIIT Islamabad won the Islamabad Premier League Cricket Championship 2017

COMSATS Premier League

The first edition of COMSATS Premier League Flood Lights T20 Cricket Championship kicked off with an opening ceremony at CIIT Islamabad Cricket Ground on June 10, 2017. Prof. DR. Raheel Qamar, Rector CIIT was the chief guest. A total of 08 teams participated in the event comprising of 01 CIIT team while rest of the 07 teams were various Islamabad Clubs teams. The final of the event took place between the clubs Fareed XI and Rawalpindi Lions. Rawalpindi Lions won the League.

1st Flood Light Tape Ball Cricket Tournament, CIIT Lahore

COMSATS Lahore organized 1st Flood Light Tape Ball Cricket Tournament during May 2017 in which 50 teams participated. This tournament lasted for 10 days, 49 matches were played by the teams in which pool matches was played. Quarter finals held between two Faculties and six students' teams. Final match won by Tiger super 8 against Black Pearl by 17 runs. After the competition a prize distribution ceremony was organized on May 19, 2017.

Besides, CIIT Islamabad organized Volleyball League Championship 2016-17. 08 teams of CIIT students of different departments participated in this tournament.

Universities Building Leadership

Student Leadership (Co-curricular Activities) University Industry Linkages

Personal development of a student cannot be achieved without engaging him/her in co-curricular activities to bring out the hidden talents and inculcate confidence, team work, discipline, positive thinking, pressure handling, and leadership qualities. CIIT students arrange and participate in a variety of co-curricular activities like exhibitions, expos, competitions, etc. and they are provided with this opportunity during the students' weeks organized biannually at all CIIT campuses.

Ms Hanniya Abid, Assistant Professor, Department of Management Sciences, CIIT Islamabad as associate member of China Study Center and the Chinese Ambassador H.E Sun Weidong and Mrs Bao., organized the event of Pak-China Music and Cultural Fusion. Moreover, with the collaboration of Fudan University Shanghai organized events for Chinese Language and Culture from August 11-24, 2016.

Department of Architecture, CIIT Islamabad celebrated the spirit of September 06, by inviting War Veterans. Students, faculty and administration immensely benefited from the event and reconnected to their national identity.

Twenty Six students comprising of 11 teams from Department of Computer Science, CIIT Islamabad participated in 5th ExcITe Cup 2016 held on November 26, 2016 at CUST Islamabad in all categories that included software project, quiz, on spot programming, IT mushaira, photography, e-gaming and poster design competitions. The event proposed an opportunity to students to exhibit their talent, technical skills and their metal. It also provided the students a chance to enlist in healthy competition as well as allowed them to enhance the prestige of their Universities by participating in this national event. Around 90 teams, more than 200 participants from 44 universities from all over Pakistan took part in different contests. Despite participations from academic university, observers from big companies like TeraData and NESCOM were also present. Department of Computer Science, CIIT Islamabad won the "Excite Cup 2016" trophy with a cash prize of Rs. 25,000/- . Following Awards and Cash prizes were also received category wise ; 1st Prize - Software Project Exhibition, 2nd Prize - IT Quiz competition and 3rd Prize - Poster Design Competition. Evaluators of Software Project Exhibition admired the students and were impressed by the latest cutting edge technologies used by the students. They conducted on-spot interviews and encouraged students to send CVs to their respective organizations like TeraData, NESCOM etc.

The Department of Humanities, CIIT Islamabad under the aegis of Higher Education Commission, held CIIT Inter-Campus Bilingual Declamation Contest on December 22, 2016. In all, 26 speakers representing different CIIT campuses participated to vie for the top 03 positions both in English and Urdu. The judges from other universities attended the

sessions and evaluated the speakers in the art of elocution. The speakers from CIIT Attock won the top positions in English as well as Urdu speech competitions .The declamation contest was a huge success.

Career Development Center, CIIT Islamabad organized Geo TV Audition Session on January 24, 2017. 35 CIIT students appeared for the auditions. Pakistan's biggest media conglomerate, Geo Television Network intended to seek fresh talent for Program Anchors/Hosts. Mr. M. Tariq Khan, Program Associate HR and Talent Management and Mr. Gulam Abbas Saed, Producer was present during the auditions.

Department of Computer Science, CIIT Islamabad participated in SOFTEC-17 scheduled from March 11-12, 2017; an annual event organized at FAST-NU Lahore. 18 students from CIIT Islamabad participated in the categories of Web Development, App Development, Graphics Designing, Programming Competition, and Software Project Competition project Titled "Third Eye". Students Syed Ali Kazim and M. Waleed from won 2nd position in Software Project Competition category by competing among leading universities from all over Pakistan.

The China Week opened during Sports Week at CIIT Islamabad Campus on April 03, 2017. Done in collaboration with Cultural Office of the Chinese Embassy, the students of CIIT exhibited dresses prepared by them in the Pak China Dress Fusion Fashion show with the theme to Fuse Pakistani and Chinese dresses. On that day, the CIIT Pak China Music Fusion Band, flagship music band representing Pak China Friendship, played songs. Students of CIIT also performed Tai Chi, Lion Dances and other China related activities. Such China centered activities including Chinese food stall, horoscope and Karaoke became popular among students. China Study Center, CIIT Islamabad organized the event.

COMSATS Performing Arts Society of Department of Humanities, CIIT Islamabad put up a theater play "Hairaan Pakistan" that was adjudged the Best Play among 12 fiercely

contested stage plays in the Youth Drama Festival, held from April 07-12, 2017 at PNCA Islamabad. Youth Drama Festival is a regular feature in the list of activities organized by PNCA every year. Our play was in competition with the plays of prominent universities and performing arts clubs from the twin cities. Along with the Best Play award, the other prizes CIIT annexed were:

▶ Best set and stage management award
▶ Best supporting character (male), Shajee Abbas for his phenomenal performance as boss
▶ Most interesting character, Tayyab Khan for his performance as the vibrant Tom Khan

A team from Department of Computer Science, CIIT Islamabad participated in Pakistan Academic Competition in Computing Excellence (PACCE-17) female only event. PACCE

Department of Mathematics, CIIT Islamabad organized following activities during the reporting period:

▶ Display of Art Work and later on Eco Hike at Margalla Hills was organized on April 03, 2017
▶ Ye Bik Gayi Hai Government and Game to Gain (Based on Quiz) was organized on April 04, 2017
▶ A day with Prof. Ahmed Rafique Akhtar was organized on April 05, 2017
▶ Parliamentary style Debate Competition and K.K Institute (Parody Drama) was held on April 06, 2017
▶ Bait Bazi (Oratory competition) was held on April 07, 2017

Living up to the tradition of conducting student-week with fervor and excitement which aims at bringing together faculty-student to share experiential learning; wide range of

is a mega event organized by Faculty of Computing (FC), Riphah International University. The event was scheduled on April 26, 2017. The team won the software project competition by competing among universities from all over Pakistan with project titled "Smart Car".

A project developed by students of Department of Computer Science, CIIT Islamabad and supervised by Dr. Yasir Fahim titled, "Smart Home" secured 3rd position in the 15th Annual Software Project Competition (COMPPEQ) held at E&ME College NUST from April 28-29, 2017. More than one hundred groups from various universities of Pakistan participated in this competition.

events and functions were conducted under the supervision and mentoring of Department of Management Sciences. The highlight of the student week events, however, was the Intak-Sheri poetry competition. Students and faculty thoroughly enjoyed the electrifying environment that was filled with creativity and team-work.

A group of students from Department of Architecture, CIIT Islamabad along with a faculty member participated in the Mural Competition and won 1st prize during the reporting period.

Robian is an annual robotic contest organized by the

Department of Electrical Engineering, CIIT Islamabad. Students from different programs and semesters participate in this event. Students are required to build their own robots suited for the tasks of the contest. Each year a new theme is introduced for Robian which leads to growth in the field of robotics. Robain 2017 was held in Spring 2017 and more than 50 teams participated in the two leagues of the contest. The participants in the Junior League developed Mobile App controlled robots that contested in Robot Sumo. The Senior League participants developed autonomous Maze Solving robots. The winners and runner-ups for both the leagues were given cash prizes.

CIIT Abbottabad once again remained true to its tradition of celebrating the Pakistan Independence day with full vigor on August 14, 2016. A number of faculty and staff participated with their children. The campus was decorated with Pakistani flags, and lights. On arrival, all the children were presented with small gifts, balloons, hats and Pakistani flags. The National Guard conducted the guard of honor by marching towards the flag of Pakistan. The flag was hoisted by the guard's chief and the campus Director. National Anthem was played besides other activities which continued during the day.

A team of students from different departments belonging to COMSATS Literary Society (CLS), CIIT Abbottabad participated in 5th National Science BEE 16 organized by NUST, Islamabad from November 18-20, 2016 wherein almost all the top universities of Pakistan participated. The team got second prize in 'Make N Test' competition. The task was to make an Electric Motor which can move in water and can make a turning effect.

A conference poster paper award competition was held at UET Lahore at the International conference ICAMET 2016 from November 28-29, 2016. A total of 111 graduate students from various universities of the country participated in the competition. A graduate student from department of Electrical Engineering, CIIT Abbottabad secured third position in the competition.

Students under the umbrella of Adrish and CLS societies at CIIT Abbottabad participated in mega event NUST Olympiad 2017. It was a five days mega event organized by NUST University, Islamabad from April 06-10, 2017. Event was attended by more than 2,000 students from various universities and educational institutes across Pakistan. CIIT Abbottabad students clinched positions in 04 streams. The details regarding positions secured by the students are as follows:

- Winner in Bait Bazi
- Winner in Charcoal
- Runner Up in Graffiti
- Runner Up in Minute to Win Kind

Department of Development Studies, CIIT Abbottabad organized a Poster Competition on April 07, 2017. Theme of the competition was "Women Empowerment". 14 posters were made by students of CIIT Abbottabad and other participating institutions. Students of Commerce College for Girls grabbed 1st position while 2nd position was secured by Army Burn Hall College and 3rd by the students of CIIT Abbottabad. Certificates were distributed among the winners of poster competition and other participants by the HoD Development Studies.

Students from Department of Computer Science, CIIT Wah participated in COMbits '17 held from April 21-22, 2017 at CIIT Attock. Students secured positions in following events:
- Code Debug (First Position)
- Call on Duty (First Position)
- Counter Strike (First Position)
- Table Tennis Single (First Position)
- Minutes to Win it (First Position)

Students from Department of Computer Science, CIIT Wah participated in Olympiad'17 held from April 27-28, 2017 at HITEC University Taxila. Students secured positions in following events on First Day at HITEC Olympiad'17.
- Best University Award (Champions)
- Naat Competition (First Position)
- Battle of Bands Competition (First Position)
- Speed Programming Competition (Second Position)
- Arm Wrestling Competition (First Position)
- Ludo (First Position)
- Badminton Singles (First Position)
- Badminton Doubles (First Position)
- Scavenger Hunt (Second Position)
- Selfie Competition (Second Position)
- Best Ambassador
- Drama Competition (Second Position)
- Table Tennis (First Position)
- E-Gaming (Second Position)

Besides, various activities were organized by CIIT Wah during

the reporting period which included Qirat and Naat Competition, English/Urdu Declamation Competition, Quiz Competition, Girls Gala, Cultural Activities, Regional Food and Cultural Programs, Sketching, Painting, Calligraphy and Glass Painting Competition.

Students from Department of Computer Science, CIIT Lahore secured following two positions in DICE-Sahiwal held from October 31-November 01, 2016 at CIIT Sahiwal:

▶ A project titled "BKicks" won first prize. Cash award amounting Rs.50,000/- was given to the winning students
▶ Best presenter award
▶ A team of 23 students from Department of Computer Science, CIIT Lahore participated in national level mega IT event Visio Spark 2016 at CIIT Wah held on November 12, 2016 in which universities from across the Pakistan

participated. The team secured 1st position in IT Mushaira event.

Department of Computer Science, CIIT Lahore team participated in COMBITS 17 in CIIT Attock from April 21-22, 2017 and secured top positions in the following events:

▶ On-spot Programming Competition
▶ Paper Tower Competition

Distinguished Innovations, Collaboration and Entrepreneurship - Information and Enabling Technologies (DICE-IET) Innovation Event 2016 was one of the major initiatives of CIIT Sahiwal and DICE Foundation held from October 31-November 01, 2016 at CIIT Sahiwal. The idea behind the event was to motivate academia, industry, government, entrepreneurs and expatriates to come to a common platform to showcase innovations and technologies, share knowledge and further collaborate with each other for the rapid development of innovative products which are necessary for the economic development of the country.

Calligraphy and Fine Arts Society, CIIT Sahiwal organized various events and activities for the students during the reporting period which included t-shirt designing, face painting, paper house making and crafting canvas etc; COMSATS Adventure and Rovering Club organized activities such as sack race, color water war, tic tac toe, scavenger hunt; COMSATS dramatics club organized various events including interdepartmental drama competition, skit competition, videography, and script writing competition. Besides, flag race, blood database development, apple eating competition, balloon blowing, marathon race etc. were organized in coming days of students' week.

Literary Society, CIIT Vehari arranged the following events during the reporting period:

- Qiraat
- Naat
- Speech (Urdu Serious and Humorous)
- Speech (English Serious and Humorous)
- Mushaira (Ghazal)
- Mushaira (Poem)
- Quiz, and
- Bait Bazi

Finance

Annual Statement of Accounts (Audited)
2015-16

	2015-16 Total (Rs.)
ASSETS	
NON CURRENT ASSETS	
Property and Equipment	4,769,456,019
Intangible Assets - Software Licenses	1,334,975
Endowment-PPE	1,242,131
Endowment-Long Term Investments	331,785,000
Long Term Security Deposits	8,206,682
Sub-total	**5,112,024,807**
CURRENT ASSETS	
Advances - considered good	48,742,397
Short term deposits and prepayments	36,600,440
Short term investment-PS	935,696,710
Endowment-Advances & Prepayments	50,000
Fee Receivable	224,154,108
Endowment-Receivables	24,662,375
Other receivables	56,238,126
Cash and bank balances	1,083,227,058
Endowment-Cash & Bank	2,710,962
Sub-total	**2,412,082,176**
TOTAL	**7,524,106,983**
FUNDS AND LIABILITIES	
FUNDS	
General fund	(190,835,996)
Taleem Fund	151,991,222
Endowment Fund Capital	340,821,264
Sub-total	**301,976,491**

LIABILITIES	
NON-CURRENT LIABILITIES	
Deferred grants	3,809,945,008
Liabilities against assets subject to finance lease	38,680,596
Other non-current liabilities	272,270,977
Long term borrowings	86,000,000
Students' security deposits	168,716,042
Employees' retirement benefits	1,676,752,979
Sub-total	**6,052,365,602**
CURRENT LIABILITIES	
Accrued and other liabilities	1,092,344,768
Endowment payables	118,500
Current portion of non-current liabilities	77,301,623
Sub-total	**1,169,764,891**
TOTAL	**7,222,130,493**
GRAND TOTAL	**7,524,106,983**

Income and Expenditure Statement for the Year Ended on June 30, 2017

INCOME	2016-17 (Rs.)
Total Income	7,768,710,649
EXPENDITURE	
Total Operating Expenses	7,329,246,339
Surplus/(Deficit)	**439,464,847**

Financial Year at a Glance

As CIIT has consolidated its infrastructure and has expanded its Campuses, capital is invested in land and equipment, etc. The noncurrent assets have increased by 7.7% and amount to Rs. 5,112,024,807.

Audit Report

Audit of the Accounts of CIIT up to June 30, 2016 by the Government and statutory audit has been completed. The audit for the year 2016-17 is in process.

Development Budget

The Public Sector Development Program (PSDP) is the main instrument for providing budgetary resources for the development projects and programs of all campuses of CIIT. Until the end of financial year viz Financial Year (FY) 2016-17, CIIT has successfully completed 48 projects having capital cost of Rs. 8770.474 million.

For the financial year 2016-17, the Government of Pakistan allocated Rs. 214.652 million for 04 development projects of CIIT. During the said period, Rs. 194.652 million have been released.

Recurring Budget	
A: Total Resources	**2016-17 (Rs. Millions)**
1. Opening Balance:	(611.673)
2. Grants & Donations	
a. Federal Government (Annual)	1435.424
b. Grant for Tenure Track Faculty	660.683
c. Government Grant (MoST)	100
d. Supplementary / Additional Grant (MoST)	119.072
Sub-total	**2,315.179**
3. Own Resources	
a. Tuition Fees	2,852.329
b. All Other Fees	1,285.826
c. Hostel / User Charges, etc.	285.516
d. Other Income	192.908
e. Receipts from Endowment Fund	24.324
Sub-total	**4,640.903**
Total Available Resources	**6956.082**
4. Expenditure	
a. Faculty Salary	1,605.219
b. TTS Faculty Salary/ Gratuity	1,265.063
c. Non - Faculty Salary	1,832.236
d. Other Establishment Charges	228.279
e. Non Salary Expenses / Other Charges	2,130.979
B. Total Expenditure	**7,061.776**
C. Surplus/Deficit	**(105.694)**
D. Accumulated Surplus/Deficit	**(717.367)**

Self-generated Income

The main source of self-generated income for CIIT is the fees charged from the students. During the reporting period, the self-generated income was Rs. 4,640.903 million.

Student Spending Trend

During the reporting period, per student spending was Rs. 0.134 million.

University Governance

Board of Governors

In Pakistan there are typically two types of educational institutions in the public sector; in the first group a bi-cameral governing structure in the shape of Senate and Syndicate is in place while in other group, uni-cameral system is prevalent with either a Syndicate or a Board of Governors (BoG). CIIT falls in the second category having only the Board of Governors.

BoG supervises and controls administrative, academic, and financial affairs, and lays down policies of the Institute. The meeting of BoG is held biannually, and is chaired by Executive Director, Commission on Science and Technology for Sustainable Development in the South (COMSATS). The members of BoG include:

1. The Executive Director, COMSATS, who shall be the Chairman of the Board;
2. The Rector;
3. The Secretary, Ministry of Science and Technology, Government of Pakistan or his nominee;
4. The Secretary, Ministry of Education, Trainings and Standards in Higher Education, Government of Pakistan or his nominee;
5. The Chairman, Higher Education Commission or his nominee;
6. One person to be nominated by the Educational NGOs;
7. The Directors of the campuses of the Institute;
8. Two deans to be nominated by the Managing Committee of COMSATS;
9. Three persons of outstanding merit to be nominated by the Managing Committee of COMSATS; and
10. The Registrar of the Institute, who shall be the Secretary.

As of June 30, 2017, 42 meetings of BoG have been held out of which 06 held in 2016-17 are given below:

Meeting #	Date of Meeting
37	July 13, 2016 (Special Meeting)
38	July 27, 2016 (Special Meeting)
39	November 23, 2016, December 06, 2016 (2nd Session)
40	March 13, 2017 (Emergency Meeting)
41	March 28, 2017 (Special Meeting)
42	April 17, 2017, April 26, 2017 (2nd Session)

Academic Council

The Academic Council is the highest academic body of the Institute and lays down proper standards of instructions, research and examinations, regulates and promotes the academic life of the Institute. The Academic Council is chaired by the Rector while the members included are Directors of the respective campuses, Chairmen of the teaching departments, all Professors of the Institute, Registrar (Secretary), and five eminent scholars to be nominated by the BoG. According to the CIIT charter, the major functions of the council include:

▶ To advise the BoG on academic matters
▶ To make regulations on the recommendation of Board of Studies (BoS)
▶ To propose to the BoG schemes for the constitution and organization of Faculties, Departments, Campuses, and BoS
▶ Until the year under review, 27 meetings of Academic Council has been held, out of which, 02 were during the reporting period.

Meeting #	Date of Meeting
25	December 20, 2016
27	December 20, 2016

Board of Advanced Studies and Research (BASAR)

The purpose of BASAR is to advise authorities on all the matters concerned with the promotion of advanced studies and research in the Institute, to appoint supervisors for research studies, to propose regulations for the ward of research degrees, etc. The BASAR consists of:

▶ The Rector (Chairman)
▶ The Deans
▶ Three Professors other than Deans to be appointed by the BoG
▶ Three scholars of eminence in a field not represented on the BASAR appointed by the Rector on the recommendation of the Academic Council.

As of June 30, 2017, 26 meetings of BASAR have been held, out of which, 03 were during the reporting period.

Meeting #	Date of Meeting
24	September 08, 2018 (Special Meeting)
25	November 18, 2016
26	June 08, 2017

Other Statutory Bodies

The detail of the meetings of Selection Board, Finance and Planning Committee, Board of Studies, and Board of Faculty, for the reporting period is given below:

Selection Board
By the end of year 2016-17, 27 Selection Boards have been held, out of which, 04 was during the reporting period.

Meeting #	Date of Meeting
24	July 28, 2016
25	November 11, 2016
26	January 02, 2017
27	February 14, 2017

Finance and Planning Committee
By the end of year 2016-17, 23 meetings of Finance and Planning Committee have been held, out of which, 03 were during the reporting period.

Meeting #	Date of Meeting
21	August 16, 2016
22	November 11, 2016
23	February 06, 2017

Board of Studies (BoS)

The purpose of BoS is to advise the authorities on all academic matters connected with instruction, research and examination in the subject or subjects concerned. Besides, it proposes curricula and syllabi for all degrees, diplomas and certificate courses, initiation of new programs, and suggests panel of examiners, etc.

Until the year under review, 285 BoS meetings have been organized, out of which, 25 were held during the reporting period. The summary of the meetings during the reporting period is given below:

Board of Studies for Management Sciences

Meeting #	Date of Meeting
32	September 19, 2016
33	February 08, 2017

Board of Studies for Development Studies

Meeting #	Date of Meeting
15	September 22, 2016

Board of Studies for Chemical Engineering

Meeting #	Date of Meeting
18	August 25, 2016

Board of Studies for Chemical Engineering

Meeting #	Date of Meeting
26	September 02, 2016
27	January 26, 2017
28	March 24, 2017 (Special Meeting)

Board of Studies for Civil Engineering

Meeting #	Date of Meeting
08	February 24, 2017

Board of Studies for Mechanical Engineering

Meeting #	Date of Meeting
09	August 26, 2016

Board of Studies for Computer Science

Meeting #	Date of Meeting
25	September 08, 2016
26	February 06, 2017

Board of Studies for Health Informatics

Meeting #	Date of Meeting
08	February 06, 2017

Board of Studies for Architecture

Meeting #	Date of Meeting
17	October 10, 2016

Board of Studies for Biosciences

Meeting #	Date of Meeting
21	September 07, 2016
22	February 21, 2017

Board of Studies for Physics

Meeting #	Date of Meeting
22	September 19, 2016
23	February 16, 2017

Board of Studies for Earth Sciences

Meeting #	Date of Meeting
07	September 30, 2016

Board of Studies for Mathematics

Meeting #	Date of Meeting
21	September 09, 2016
22	February 09, 2017

Board of Studies for Environmental Sciences

Meeting #	Date of Meeting
18	September 23, 2016

Board of Studies for Meteorology

Meeting #	Date of Meeting
14	August 16, 2016

Board of Studies for Pharmacy

Meeting #	Date of Meeting
09	September 22, 2016

Board of Studies for Chemistry

Meeting #	Date of Meeting
09	February 24, 2017

Board of Studies for Chemistry

Meeting #	Date of Meeting
03	January 19, 2017

Board of Faculty (BoF)

The purpose of BoF is to coordinate the teaching and research work in the subject assigned to each Faculty, to scrutinize the schemes of courses and syllabi proposed by the Board of Studies comprised in the Faculty and recommend it to the higher academic foras along with its observations, to examine the list of examiners, and any other functions as required.

Till June 30, 2017, 98 BoF meetings have been organized, out of which, 09 were held during the reporting period. The summary of the meetings during the reporting period is given below:

Board of Faculty of Business Administration

Meeting #	Date of Meeting
24	October 25, 2016
25	March 28, 2017

Board of Faculty of Engineering

Meeting #	Date of Meeting
22	October 26, 2016
23	March 29, 2017

Board of Faculty of Information Sciences and Technology

Meeting #	Date of Meeting
22	October 25, 2016
23	March 29, 2017

Board of Faculty of Architecture and Design

Meeting #	Date of Meeting
14	October 25, 2016

Board of Faculty of Science

Meeting #	Date of Meeting
22	October 26, 2016
23	March 30, 2017

Uniform Management System (UMS)

UMS system was introduced at CIIT in 2009 at Abbottabad Campus and became functional across all CIIT campuses in 2012.

Objectives of Uniform Management System (UMS): The main objectives of UMS are:

▶ To standardize all the aspects of institute
▶ To develop quality teaching and research productivity through planning and monitoring, feedback and control

In order to achieve afore mentioned objectives three committees namely Campus Management Committee (CMC), Campus Academic Regulatory Committee (CARC), and Departmental Academic Regulatory Committee (DARC) were constituted on January 24, 2012. They plan strategies and formulate procedures for improving the quality of education at Departmental and Campus levels. CU Online (web-based software) is used to gather feedback by generating various monitoring reports whereas CARC at campus level and by DARC at department level look into the issues hindering in the way of achieving objectives and also suggest the solutions to overcome these problems.

CMC
The Campus Management Committee meetings are held before the start of semester to foresee the issues which Campus may come across and then these issues are resolved. This committee takes care of matters like availability of class rooms, furniture, books etc.

CARC
CARC works to ensure the uniformity, consistency, harmony and maximum utilization of campus resources to meet the standards prescribed under the UMS. The committee comprises of different members who are both from academic and administration facets and work at campus level. Campus In charge/ Director is the convener of CARC. It must have at least five sessions during per given semester to formulate, ensure systematize and timely flow of information, and procedures compliance. It is also responsible to place a

check to ensure quality education, and all the departments of the campuses are required to meet the standards as prescribed by Campus/Institute. It ensures the harmony and cooperation among the departments of the same campuses.

DARC
DARC entertains all the matters related to department and its prime objective is to create harmony within the department by implementing approved policies and procedures. DARC comprises of at least three senior members of the department. Head of the department is the convener of DARC. This committee is solely authorized to ensure and take necessary measures to improve education system and correlated issues, using qualitative as well as quantitative measures. The committee meets all the faculty of the department at least twice per semester. All disputed/unsolved matters are referred to CARC. Introducing the new disciplines among courses is one of the important functions of DARC. It is responsible to ensure efficient grading and marking of papers, assignments, quizzes, and sessionals by the faculty during a semester.

Individual Semester Plan Proforma (ISPP)
ISPP is a tool to analyze and evaluate the academic and research work of all PhD faculty members. Three reports are generated on the basis of data given by each department i.e. ISPPs report, discrepancy report, and minimum and maximum workload report of PhDs. It helps in having a clear view of work done by the PhDs in previous and current semester. The main purpose of this proforma is to know the efforts through the students supervised and published articles. It also describes the classes load, linkages with international universities and individuals, faculty's commitment for outreach programs and other administrative responsibilities undertaken by PhD faculty, if any. When UMS was introduced at Institute level our office used to collect information regarding PhD Faculty through ISPP forwarded to faculty through chairpersons. Then it was decided by the competent authority to make it available on CU Online, where faculty could have easy access to these proforma. Therefore, since last four semesters ISPP have become a permanent feature of faculty portal.

The detail of CARC and DARC meetings held during the reporting period is provided in the Annexure D.

Office of Development

Various activities carried out by Office of Developments at CIIT campuses during the reporting period are as follows:

Initiatives and implementation

▶ Office of Development at CIIT Abbottabad organized a Seminar on Career Counseling for graduating students on May 18, 2017. Syed Azhar Hussain, Consultant, CIIT Islamabad was the guest speaker. He has more than 22 years of experience in career counseling, education management, training of counselors, advisors teachers and school managers at different levels. After the seminar One to One counseling session was also conducted.

▶ Office of Development at CIIT Abbottabad organized Prime Minister Fee Reimbursement Cheque Distribution Ceremony on May 29, 2017. Subject scheme enabled needy students from less developed areas to pursue their studies in their area of interest. Prof. Dr. Arshad Pervez, Director CIIT Abbottabad was the chief guest of the event. Cheques of Rs. 15 million were distributed among 169 students.

▶ Office of Development at CIIT Vehari provided scholarship to needy students through various schemes like USAID Merit & Need Based Scholarship, NTS Need Based Scholarships, German Need Based, and French Need Based, etc. during the reporting period.

▶ Along with the newly launched scholarships, Registrar Office worked on previously running scholarship and Financial Aid Schemes such as HEC Need Based scholarships, French Need Based scholarships, German Need Based scholarship, Workers Welfare Board scholarships, Pak-USAID Merit and Needs Based Scholarship, ICT R&D scholarships, NTS Needs Based Scholarship, Afghan Students Scholarship, Punjab Educational Endowment Fund (PEEF) Scholarship, Shahbaz Shareef Scholarships, Meezan Bank Qarz e

Hasna Schemes, scholarships for children of industrial workers at Lahore, fee waiver scheme for children of Pak Army at CIIT Abbottabad, and fee waiver for wards of employees of POF Wah Cantt. 21,772 students were awarded scholarship these various scholarships during the reporting period disbursing total amount of Rs. 1,246,374,576.

Besides, meetings were also conducted with various donor agencies for smooth continuation of scholarships and timely release of the fund during the reporting period:

Future Plans

▶ To improve fund disbursement mechanism throughout CIIT campuses for timely release of funds to the scholarship recipients.

▶ To expand scholarship net by creating new opportunities for launching new scholarship programs with support of different donor agencies. In this regard, MOU's shall be signed with different donor agencies to promote the awareness and cause of scholarships.

▶ Strengthening SFAO in campuses and bringing dedicated staff for running the affairs of scholarships.

▶ Establishing stringent monitoring controls pertaining to scholarship affairs across all CIIT campuses.

▶ Office of Development at CIIT Vehari plans to develop a website including the following domains:

    1. Students Financial Aid Office
    2. Alumni Affairs
    3. Endowment Fund

All types of scholarship forms and statuses of selected students for scholarship uploaded on website

Health Center Medical Facilities

Medical Facilities

Healthcare of the students and staff of CIIT has always been a priority. Keeping this in view, CIIT Medical Center was established in 2009 functioning under the supervision of a qualified, experienced and competent Medical Team.
It is a three beds observatory providing free first aid medical treatment and consultation to the patients. There are four medical doctors, three trained staff nurses and two trained paramedics. It is operational 06 days a week.

The activities carried out by the medical center include provision of first aid services to the students and staff of CIIT, provision of free medicines to all patients, provision of medical cover during official conferences and meetings, and arranging various healthcare awareness programs/lectures. During the reporting period, following activities were organized by the center:

▶ Medical checkup of drivers was done in September 2016
▶ First Aid training was arranged for lab staff of Department of Electrical Engineering by PRCS in October 2016
▶ Medical cover given to COMSATS Premier League in May 2017
▶ Blood donation camps were arranged

The facilities available at the center are ECG, nebulization, blood sugar checking, eyesight checking, dressing/stitches, BP monitoring, maintaining I/V line, injections including Tetanus Vaccination etc. and fully equipped ambulance.

The number of patients given medical treatment from 2009 till June 2017 is given below:

Year	Students	Staff	Male (Students)	Female (Students)	Male (Staff)	Female (Staff)	Total
June 2017	3,772	10,362	2,215	1,557	9,655	707	14,134
June 2016	5,726	9,300	3,646	2,080	7,220	2,080	15,026
June 2015	3,352	3,050	2,963	389	2,569	481	6,402
2014	5,620	5,977	4,959	661	5,290	687	11,597
2013	5,021	5,166	4,743	831	4,556	508	11,530
2012	6,793	4,989	6,115	679	4,490	499	11,782
2011	5,690	4,220	-	-	-	-	9,910
2010	5,416	3,962	-	-	-	-	9,378
2009	2,203	2,398	-	-	-	-	4,601
GRAND TOTAL							96,664

The center treats various injuries (cuts, abrasions, blunt trauma etc), minor road accidents, fever, respiratory tract infections, gastro intestinal tract problems, various gynae problems, burns, dermatitis/scabies, headaches, hypertension, signs of breathlessness/allergy, diarrhea, diabetes, minor anxiety, and depression etc.

A referral mechanism is in place for shifting of patients to tertiary care hospitals through a well equipped CIIT ambulance.

Medical center at CIIT Abbottabad treated multiple patients during the reporting period. It is comprised of one senior medical officer and one dispenser. All necessary facilities are available at the center whereas serious emergencies are referred to Ayub Teaching Hospital and CMH Abbottabad.

The Health Center at CIIT Lahore is functioning under the supervision of well qualified Resident Medical Officer (RMO). It provides medical support to its day scholars, hostilities, employees, visitors and the resident and their families free of cost. Emergency services are also available round the clock (24/7) for the university population. More than 100 patients are treated per day. The center is equipped with patient bed, wheel chair, blood pressure apparatus, sugar checkup apparatus, weighing machine, oxygen cylinder, nebulizer, etc. An ambulance is also available to deal with emergencies.
First Aid facility is also available at Wah, Attock, Sahiwal, and Vehari campuses to deal with unforeseen cases.

Dental Unit at CIIT Islamabad

Dental Unit Department at CIIT Islamabad is operational since May 2015. Dental unit department has a specialized dentist with professional dental staff who provides a complete dental care with highest standard of treatment. During the reporting period, the chief complaints treated at department were 2,000. A new sterilization machine was also installed which is doing sterilization according to the latest methods having the protocols of W.H.O during the reporting period. The Unit is providing free dental oral medicines to students and faculty members and doing multiple dental procedures. Following awareness activities were arranged by the dental unit during the reporting period:

▶ Precaution to avoid teeth staining (June-August 2016)
▶ Tips to avoid teeth cavities (August-September 2016)
▶ Brushing techniques (November-December 2016)
▶ Importance of dental floss in daily life (December 2016-February 2017)
▶ Oral hygiene maintenance (April-July 2017)

Counseling for Stress Reduction

Counseling for stress is frequently provided to the students and employees at all CIIT campuses through medical centers and student centers.

ANNEXURES

ANNEXURES

Annexure A: List of National and International MoUs

International MoUs during 2016-17

#	Name of Institution
1	The China University of Petroleum, Beijing, China
2	Chongqing University of Science and Technology, China
3	Rutgers, The state University, USA
4	University Hassan II De Casablanca
5	Sidi Mohammed Ben Abdellah University of Fes
6	Beijing University of Technology, China
7	Yasar University, Turkey

National MoUs during 2016-17

#	Name of Institution
1	Pioneer Pakistan Seed Ltd (Non-Disclosure Agreement)
2	Pioneer Pakistan Seed Ltd (MOU)
3	Foundation University, Islamabad (CMS agreement)
4	Small and Medium Enterprises Development Authority (SMEDA)
5	National Commission for Human Development (NCHD)
6	Management Association of Pakistan

Annexure B: List of Completed Development Projects as on June 30, 2017

#	Name of Institution	Capital Cost (Rs. Millions)
1	Strengthening of CIIT Labs, Islamabad (Revised)	22.930
2	Construction of Academic Block for CIIT, Islamabad (Revised)	46.610
3	Provision of Transport Facilities at CIIT, Islamabad	3.000
4	Capacity Building at Department of Mathematics, CIIT, Islamabad	29.608
5	Strengthening of the Telecom Engineering Department, CIIT, Islamabad	29.820
6	Establishment of a CIIT Campus at Abbottabad	38.131
7	Capacity Building at CIIT Abbottabad (Revised)	36.184
8	Provision of Support Facilities at CIIT, Abbottabad	31.903

#	Name of Institution	Capital Cost (Rs. Millions)
9	Construction of Engineering Block at CIIT, Abbottabad	39.426
10	Provision of Physical Facilities at CIIT Abbottabad	469.945
11	Establishment of CIIT at Lahore (Revised)	39.000
12	Provision of Support Facilities at CIIT Lahore (Revised)	38.302
13	Strengthening of CIIT, Lahore (Revised)	27.553
14	Equipping and Furnishing of New Block of the CIIT, Wah	33.790
15	Establishment of CIIT Campus at Attock (Phase-I)	31.270
16	Network Enhancement of CIIT LANs	34.050
17	Post Earthquake Rehabilitation at CIIT, Abbottabad	39.630
18	Establishment of Telecom and IT Labs at CIIT, Lahore	36.540
19	Development of Labs and Faculty Offices to Meet the Urgent Requirement Using Pre-Engineered Steel Blocks at CIIT, Lahore	33.223
20	Transfer of Land and Construction of Boundary Wall etc. for Establishing CIIT Campus at Attock, Gujrat and Sahiwal	31.988
21	Designing and Fabrication of Micro and Nano Electronic Devices for Applications at the Department of Physics COMSATS Institute of Information Technology, Islamabad	185.448
22	Establishment of Permanent Campus of COMSATS Institute of Information Technology at Chak Shahzad, Islamabad (Revised)	395.373
23	Engineering Faculty Development at COMSATS Institute of Information Technology, Islamabad	229.800
24	Infrastructure Development of COMSATS Institute of Information Technology Campuses at Abbottabad and Wah	344.676
25	Establishment of Radiation Physics Laboratory in the Department of Physics at CIIT, Islamabad	38.750
26	Upgradation of Existing Facilities at COMSATS Institute of Information Technology (CIIT) Campus at Lahore.	35.240
27	Establishing COMSATS Institute of Information Technology, Campuses at Larkana, Vehari, Karachi & Quetta (PC-II)	12.000
28	Provision of Essential Facilities at CIIT, Islamabad (Revised)	650.755
29	Establishment of Permanent Campus of COMSATS Institute of Information Technology at Sahiwal	407.989
30	Establishment of Business Incubation Center at CIIT Islamabad	407.989
31	Establishing / Strengthening Research and Development Activities in Chemical Engineering Department at the CIIT, Lahore	38.377

#	Name of Institution	Capital Cost (Rs. Millions)
32	Strengthening of the Department of Biomedical Material Sciences at CIIT, Lahore	37.953
33	Establishment of CIIT Campus at Vehari	426.154
34	Establishment of Permanent Campus of CIIT (CIIT) Campus at Attock	472.352
35	Development of Imminent Academic and Support Facilities at CIIT, Lahore	684.518
36	Infrastructure Development of Permanent Campus of CIIT Chak Shahzad, Islamabad	2862.656
37	Faculty Development at University of Illinois at Urbana Champaign, USA	484.389
38	Provision of Academic and Support Facilities at CIIT Wah	52.650
39	Information Technology Resource Development Training of Data Entry Operators (Revised)	20.003
40	Information Technology Resource Development Medical Transcription Training for Young Doctors and Graduates. (Revised)	24.903
41	IT Faculty Hiring Program (Revised)	39.682
42	Information Technology Resource Development: Pilot Project for Producing 1000 Developers in Java Technology (Revised)	20.339
43	Information Technology Resource Development of Federal Government Employees in BPS 5-15 in IT (Revised)	12.788
44	Information Technology Resource Development IT Training of Graduates having MS/BE Degree from Baluchistan (Revised)	14.504
45	Technology Resource Mobilization Unit TReMU (Revised)	35.200
46	Information Technology Resource Development Legal Transcription Training (Revised)	21.949
47	Renovation of Administration, Auditorium and other Blocks of Higher Education Commission, Islamabad	39.785
48	Construction of C&T Building, Higher Education Commission, Islamabad	32.535
	TOTAL	8,770.474

Annexure C: List of On-going Development Projects during 2016-17
Higher Education Commission

#	Approved Projects	Capital Cost (Rs. Millions)	Allocation (Rs. Millions)
1	Faculty Development at University of Illinois at Urbana Champaign, USA	515.391	31.002
2	Establishment of CIIT Campus at Abbottabad	861.269	120.000
3	Establishment of COMSATS Institute of Information Technology Jaffarabad Campus, Balochistan	752.552	10.000
	TOTAL	2129.212	161.002

Annexure C: List of On-going Development Projects during 2016-17
Ministry of Science and Technology (MoST)

#	Approved Projects	Capital Cost (Rs. Millions)	Allocation (Rs. Millions)
1	Feasibility Study for Establishment of Technology Park, Islamabad	53.650	53.650
	TOTAL	**53.650**	**53.650**

Annexure D: Detail of CARC and DARC Meetings during 2016-17

CARC Meetings-UMS for Quality and Productivity Improvement at CIIT Abbottabad Campus during Spring 2017 Semester	
Meeting #	**Date**
1st Meeting	March 13, 2017
2nd Meeting	May 04, 2017
3rd Meeting	June 15, 2017

Annexure D: Detail of CARC and DARC Meetings during 2016-17

CARC Meetings-UMS for Quality and Productivity Improvement at CIIT All Campuses Except Abbottabad during Spring 2017 Semester	
Meeting #	**Date**
1st Meeting	January 13, 2017
2nd Meeting	April 06, 2017
3rd Meeting	May 18, 2017
4th Meeting	June 09, 2017
5th Meeting	June 30, 2017

CARC Meetings-UMS for Quality and Productivity Improvement at CIIT All Campuses FALL 2016 Semester	
Meeting #	**Date**
1st Meeting	September 19, 2016
2nd Meeting	November 03, 2016
3rd Meeting	December 19, 2016
4th Meeting	December 30, 2016
5th Meeting	January 26, 2017

DARC Meetings-UMS for Quality and Productivity Improvement at CIIT Abbottabad Campus during Spring 2017 Semester	
Meeting #	**Date**
1st Meeting	March 09, 2017
2nd Meeting	April 05, 2017
3rd Meeting	April 17, 2017
4th Meeting	May 02, 2017
5th Meeting	May 25, 2017
6th Meeting	June 13, 2017
7th Meeting	June 19, 2017
DARC Meetings-UMS for Quality and Productivity Improvement at CIIT Campuses during Spring 2017 Semester Except Abbottabad Campus	
Meeting #	**Date**
1st Meeting	February 09, 2017
2nd Meeting	March 08, 2017
3rd Meeting	March 20, 2017
4th Meeting	April 03, 2017
5th Meeting	April 28, 2017
6th Meeting	May 16, 2017
7th Meeting	May 22, 2017
8th Meeting	June 07, 2017
9th Meeting	June 29, 2017
DARC Meetings-UMS for Quality and Productivity Improvement at CIIT All Campuses during Fall 2016 Semester	
Meeting #	**Date**
1st Meeting	September 08, 2016
2nd Meeting	September 28, 2016
3rd Meeting	October 17, 2016
4th Meeting	October 31, 2016
5th Meeting	November 24, 2016
6th Meeting	December 12, 2016
7th Meeting	December 23, 2016
8th Meeting	December 27, 2016
9th Meeting	January 06, 2017

**ISLAMABAD | ABBOTTABAD | LAHORE | WAH | ATTOCK
SAHIWAL | VEHARI | VIRTUAL CAMPUS**