



ANNUAL
REPORT
2014-15



COMSATS Institute of Information Technology

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Rector's Message



Since the inception of COMSATS Institute of Information Technology (CIIT), I have been constantly impressed with the commitment and dedication of my team which has made the Institute grow from a single campus to eight campuses in just 15 years. This year has been no different and continued dedication and incessant hard work has led the Institute to even a higher level. The achievements recorded in the Annual Report 2014-15 are a manifestation of yet another successful year for the Institute.

CIIT has grown both in size and significance with its continued provision of quality education, attracting larger number of students. It was a blissful moment when CIIT maintained its place in the top category of “W”, for its Quality Enhancement Cell as announced by Quality Assurance Agency (QAA) of HEC on October 24, 2014 which is a manifestation of quality education provided at the Institute.

Our contribution to the society is further strengthened by our research endeavors. The conducive environment for the research led to the publishing of research papers, books, and filing of patents for registration. Another research center was also established during the reporting period. The Institute is on an upward curve in research and as per HEC ranking already stands among top three universities of the country. Also in May 2015, University Rankings for the year 2014 were announced by HEC. CIIT was ranked at No. 2 in the General Category and at No. 4 in overall universities within Pakistan.

The Institute also led by example in giving back to the society. Various activities were carried out to contribute towards the welfare of the community.

On the whole, this year has observed growth and achievement in various areas like 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.

Dr. S. M. Junaid Zaidi, H.I., S.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 15 years and it is delightful to share that the Institute has been continuously improving, and the year 2014-15 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. Establishment of Energy Research Center is also worth mentioning. 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 55 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, Pak-China Business Forum, and Vice Chancellors' Forum, etc. The chapter also provides information about the research collaborations and activities, significantly, the research publications during 2014 reached to a figure of 874 making a total of 4,408. The Institute has also filed 04 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 3,022 during the reporting period including 979 PhDs. Until June 30, 2015, 449 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. Foreign 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, 2015 is 37,573. The

highest enrollment was observed in Faculty of Information Sciences and Technology with 12,834 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 2013-15, CIIT has completed 32 development projects, while 08 projects are on-going. New research equipment was purchased during the reporting period at campuses. The library at CIIT provides access to more than 32,000 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 (1998), Abbottabad (2001), Wah (2001), Lahore (2002), Attock (2004), Sahiwal (2006), and Vehari (2008) along with a Virtual Campus (2012) 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.

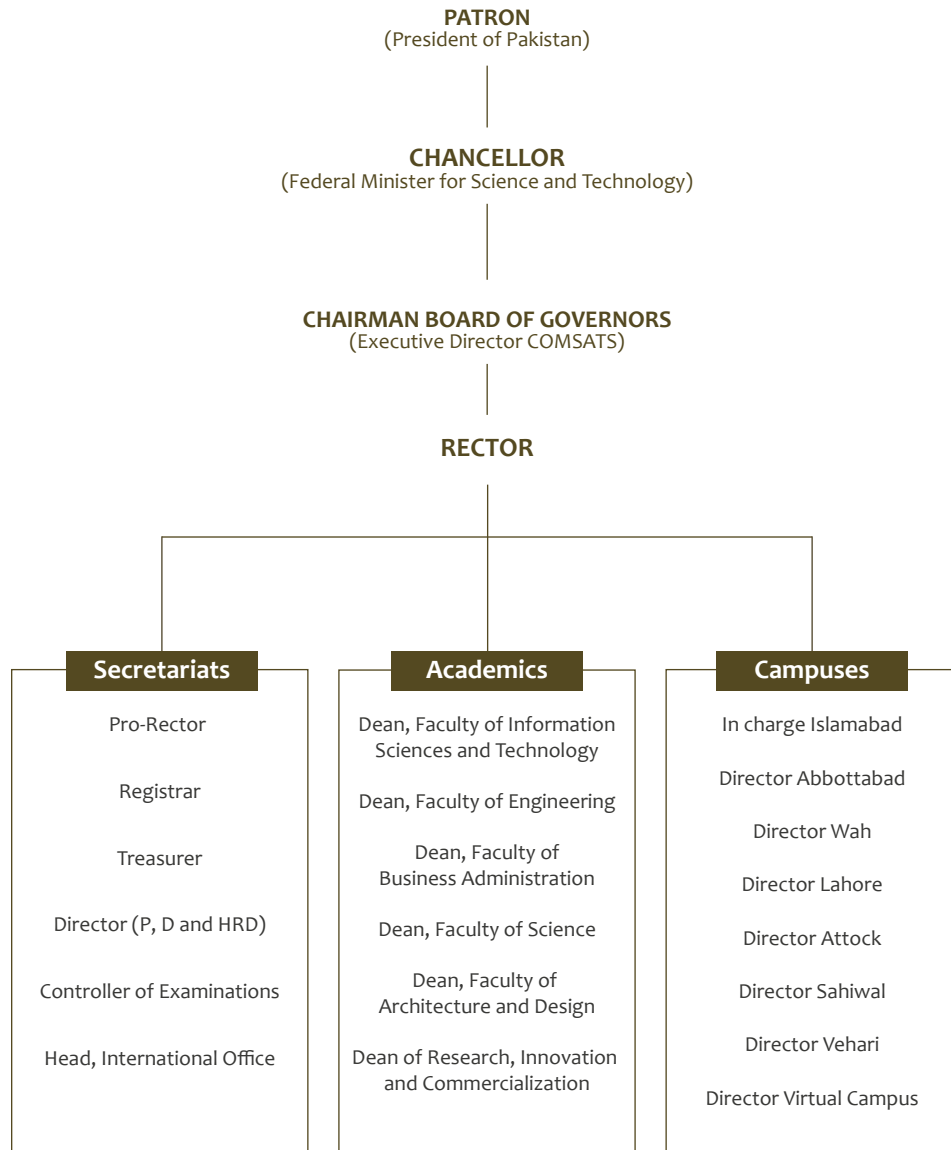
Research and Discovery

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



Islamabad



Abbottabad



Lahore



Wah



Attock



Sahiwal



Vehari



Virtual Campus



Faculties, Departments and Research Centers

06 faculties, 18 departments, and 10 research centers were functional at CIIT during the reporting period which are listed below out of which one research center namely Energy Research Center was established in 2014-15:

Faculty	Departments/Research Centers
Faculty of Information Sciences and Technology	Department of Computer Science <ul style="list-style-type: none"> • Health Informatics Unit
Faculty of Business Administration	Department of Management Sciences <ul style="list-style-type: none"> • Business Incubation Center • Center for Policy Studies • China Study Center • COMSATS Center for Executive Development Department of Development Studies Department of Humanities
Faculty of Engineering	Department of Electrical Engineering <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Interdisciplinary Research Center in Biomedical Materials Department of Meteorology Department of Physics <ul style="list-style-type: none"> • Energy Research Center Department of Pharmacy Department of Earth Sciences Department of Chemistry <ul style="list-style-type: none"> • Center for Advance Drug Research Department of Environmental Sciences <ul style="list-style-type: none"> • Center for Climate Research and Development
Faculty of Architecture and Design	Department of Architecture
Faculty of Health Sciences	-



Board of Governors as on June 30, 2015

Members

①	Dr Imtinan Elahi Qureshi, T.I.	Chairman, BoG CIIT, and Executive Director Commission on Science and Technology for Sustainable Development in the South (COMSATS), COMSATS Secretariat, Islamabad
②	Mr. Kamran Ali Qureshi	Federal Secretary, Ministry of Science and Technology, Islamabad
③	Mr. Muhammad Imtiaz Tajwar	Federal Secretary, Ministry of Federal Education and Professional Training, Islamabad
④	Prof. Dr. Atta-ur-Rahman, FRS N.I., H.I., S.I., T.I.,	Former Coordinator General COMSTECH, Patron-in-Chief, International Center for Chemical and Biological Sciences, University of Karachi, Karachi
⑤	Dr. Inam-ur-Rahman, S.I., A.I.K.	Scientist Emeritus (PAEC), Rawalpindi
⑥	Mr. Anwar H. Rammal	Chairman, Asiatic Public Relations Network (Pvt.) Limited, Karachi
⑦	Mr. Sabih-ur-Rehman	Advisor (Host Country Affairs), COMSATS Headquarters, Islamabad
⑧	Dr. Naveed A. Malik	Rector, Virtual University, Lahore
⑨	Dr. S. M. Junaid Zaidi, H.I., S.I.	Rector, COMSATS Institute of Information Technology, Islamabad
⑩	Dr. Haroon Rashid, S.I.	Pro-Rector, COMSATS Institute of Information Technology, Islamabad
⑪	Prof. Dr. Izhar Hussain, T.I.	Registrar, COMSATS Institute of Information Technology, Islamabad
⑫	Dr. Mahmood A. Bodla	Director, COMSATS Institute of Information Technology, Lahore
⑬	Dr. Khan Gul Jadoon	Director, COMSATS Institute of Information Technology, Abbottabad
⑭	Dr. Sherzada Khan	Director, COMSATS Institute of Information Technology, Attock
⑮	Dr. Abdul Waheed	Director, COMSATS Institute of Information Technology, Sahiwal
⑯	Dr. Tayyeb Akram	Director, COMSATS Institute of Information Technology, Wah Cantt
⑰	Dr. Khair-uz-Zaman	Director, COMSATS Institute of Information Technology, Vehari
⑱	Prof. Dr. Sajjad Mohsin	Dean, Faculty of Information Sciences and Technology, COMSATS Institute of Information Technology, Islamabad
⑲	Prof. Dr. Arshad Saleem Bhatti, T.I.	Dean, Faculty of Science, COMSATS Institute of Information Technology, Islamabad



1 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 2014-15 is 97, which includes 40 undergraduate and 57 graduate programs. The list of programs is given below:

Undergraduate Programs

Bachelor of Science in:

Accounting and 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 and Networking

Doctor of: Pharmacy

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

Associate Degree in: Education

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

New Programs Launched

During the reporting period, 10 new programs were launched to increase the option pool for the prospective students. These were Associate Degree in Education, Master of Science in Conflict, Peace and Development, English (Linguistic and Literature), Earth Sciences (Applied Geology/ Applied Geophysics), Molecular Virology, Mechatronics Engineering, Renewable Energy Engineering, Strategic Marketing, International Relations, and Doctor of Philosophy in Development Studies.

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, Computer Science, Computer Engineering, Conflict, Peace and Development, Development Studies, Earth Sciences (Applied Geology/Applied Geophysics), Economics, Electrical Engineering, Environmental Engineering, Energy Management, English (Linguistic and Literature), Environmental Sciences, Health Informatics, Information Security, International Relations, Management Sciences, Mathematics, Mechatronics Engineering, Meteorology, Microbiology and Immunology, Molecular Genetics, Molecular Virology, Nanotechnology, Pharmacy, Physics, Project Management, Remote Sensing and Geographic Information System, Renewable Energy Engineering, Software Engineering, Strategic Marketing, 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

Academic Achievements

Award of Laptops: On the directives of the Prime Minister of Islamic Republic of Pakistan, the Government of Pakistan initiated a national program for distribution of laptops to young and bright students studying in public sector higher education institutes (HEIs) across the country and Azad Jammu and Kashmir. The scheme was part of the Prime Minister's Youth Programs for FY 2013-14. So far, 3,599 laptops have been distributed among the students from various departments out of which 3,370 were awarded during 2014-15.



theoretical research on energy policy, energy economics, energy laws and regulatory issues. Some of the major scientific research areas will include Industrial Energy Efficiency, Coal Based Power Generation, Smart Grids, Decentralized Energy Solutions, Energy Conservation, Fuel Cell, Membrane Development, and Solar Technology etc. Through an industrial outreach program, the Center will work alongside with the faculty and industry. The core objective of the ERC is to take such research initiatives on energy technologies that would integrate with the national programs on energy and serve as a catalyst to resolve the prevailing energy crisis in the country. Main thrust areas of ERC include energy efficient devices, use of bio fuels for power generation, wind power, solar energy, decentralized energy systems, energy conservation, Tariff and Regulatory policy studies, smart grids, Feed-in-Tariff (FIT), geothermal, environment, fuel cell, membrane development etc.

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, 75 convocations have been held by CIIT, out of which following were held during the reporting period:

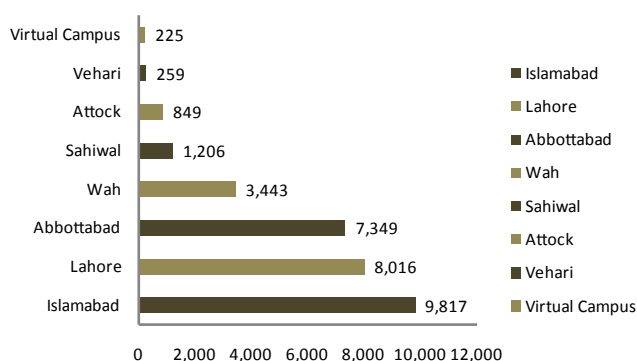
Formal Inauguration of China Study Center: The Ambassador of Peoples Republic of China H.E Sun Weidong visited CIIT on November 19, 2014 for the formal inauguration ceremony of China Study Center which is functional since January 02, 2013. H.E addressed the large audience of Chinese Universities Alumni Association members, members of China Student Society, Faculty and staff of CIIT where he emphasized the existing fundamental bilateral relationship. He urged that there should be a series of activities to promote cultural exchange and the understanding between youth, media and think tanks. He also took oath from members of Chinese Universities Alumni Association members.

Energy Research Center: An Energy Research Center (ERC) was established at the CIIT Lahore in November 2014. The ERC will carry out scientific research in the laboratories as well as



Sr.	Convocation	Campus	Date
1	63	Wah	September 20, 2014
2	64	Attock	September 20, 2014
3	65	Abbottabad	September 22, 2014
4	66	Islamabad	September 23, 2014
5	67	Vehari	October 27, 2014
6	68	Sahiwal	October 28, 2014
7	69	Lahore	April 25, 2015
8	70	Wah	April 11, 2015
9	71	Attock	April 11, 2015
10	72	Abbottabad	April 13, 2015
11	73	Islamabad	April 14, 2015
12	74	Sahiwal	April 24, 2015
13	75	Lahore	April 25, 2015

Till June 30, 2015, CIIT has produced 31,164 graduates out of which 118 are PhDs. During the reporting period, 4,859 graduates were produced including 27 PhDs



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, 35 international MoUs were signed with the reputed institutions and organizations from China, Italy, Jordan, Malaysia, Cameroon, Sudan, Turkey, Korea, USA, and UK. 192 international MoUs have been signed so far.

Also in order to benefit from a mutuality of purpose, 20 national MoUs with prestigious higher education institutions and RandD organizations representing various provinces of Pakistan were conceived and signed. 69 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:

University Federico II, Naples, Italy: A MoU was signed on August 10, 2014 to collaborate in various areas. According to the MOU, the main areas of cooperation will be study missions; exchange of students, lecturers and researchers; organization of interviews, seminars and scientific meetings; exchange of scientific and educational papers; development of projects and courses of lectures estimated useful by both parties.

Museums Association of Pakistan: A MoU was signed on February 12, 2015 to work jointly working with the Finnish Museum Association for the betterment of museums, musicology, and museum-education in the country.

Alliance Francaise D' Islamabad: A MoU was signed on March 31, 2015 to train, guide and supervise the teachers of French language in preparing class planner, activities and evaluation.

Xinjiang Normal University, China: A MoU was signed on April 21, 2015 to promote joint research activities and publications. Besides, exchange of scholars, staff, students, information, and educational material will also take place. Participation in conferences and academic meetings will also be a highlight of this collaboration

Technical University Dresden (TUD), Germany: A MoU was signed on May 07, 2015 to promote mutual research interest, exchange of scientists, faculty members and advanced students for capacity building.

Pak-German Academic Collaboration: Professor Dr. Manfred F. Buchroithner from the Technische Universitaet Dresden (TUD), Institute for Cartography (IfC) and Remote Sensing, Germany visited the Department of Meteorology, CIIT from April 26 - May 08, 2015. A MoU was signed on May 07, 2015 between CIIT and IFC/TUD. All such academic efforts did provide a chance of bringing German and Pakistani scientists in contact for future collaboration in the relevant field exchanging currency of knowledge and innovative research arenas.

Institutional Linkages

CIIT Tours Norway: Dr. S. M. Junaid Zaidi, H.I.,S.I., Rector CIIT, Prof. Dr. Khan Gul Jadoon, Director CIIT Abbottabad, Dr. Arshid Pervez, Head Department of Environmental Sciences, CIIT Abbottabad, and Dr. Bahadar Nawab Khattak, Head Department of Development Studies, CIIT Abbottabad visited Norway from August 11-17, 2014. The objective of the visit was to strengthen the existing institutional collaboration with the Norwegian University of Life Sciences and explore opportunities for further collaboration with the Norwegian academic institutions in education, research and capacity building. During one week visit, the delegation had very productive meetings with the Rector, Deans and Heads of Departments at Norwegian University of Life Sciences (NMBU), Ministry of Foreign Affairs (MFA), NORAD, Norway Pakistan Chamber of Commerce and Industries, Pakistani-origin Business Community, and other international NGOs.

Morocco Visit: A delegation comprising of 20 students, 5 faculty members from the Department of Architecture, CIIT Lahore and Islamabad visited Morocco from April 25 – May 03, 2015. This visit was a collaborative effort of international university of Rabat UIR, Al-Akhwayn University-ifrane Aui, Embassy of Pakistan and COMSATS Institute of Information Technology. The delegation visited international university of Rabat and Al-Akhwayn university in Ifrane, ISESCO headquarters and Embassy of Pakistan besides visiting other places and cities of historic, educational and cultural interest including, museums, cities of Fez, Casablanca and Ifrane. Pakistan Day was celebrated at the two universities visited by presentation of a cultural show by the students. Areas of mutual interest and future collaboration were explored during the visit.

University of Evora: Prof. Dr. Jose Carlos de Oliveira from Department of Mathematics, University of Evora, Portugal visited CIIT Abbottabad from May 25-26, 2015. University of Evora is the lead European partner of the Erasmus Mundus Mobility with Asia (EMMA) Consortium of European and Asian universities. He delivered a talk on History of Mathematics, after

which there was a fruitful discussion between the guest speaker and the faculty of Department of Mathematics. He also interacted with the group of faculty members and MS students working in the research area of “Optimization Theory”. The visit has opened new doors for collaboration between CIIT Abbottabad and University of Evora.

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, 122 delegations visited CIIT. Details of few of the visits arranged are as follows:

- Prof. John William Haycock, Director, University of Sheffield (UoS), UK visited CIIT from August 23-30, 2014 to explore the areas of mutual academic research collaboration in the fields of Engineering between CIIT and UOS.
- Prof. Dr. Michael Gutschow, Professor, University of Bonn (UoB), Germany visited CIIT from August 30 – September 04,

2014 to strengthen the academic ties between CIIT Abbottabad and UoB, Germany. Moreover, a MoU was also signed during the visit.

- Mr. Toshikazu Isomura, Counsellor; Ms. Tomoko Koide, Third Secretary; from Japanese embassy visited CIIT on November 10, 2014 to explore the educational and research collaboration between CIIT and Japanese University and facilitate a donation of 100 books to CIIT from Nippon Foundation.
- Prof. Dr. Rolf-Dieter Heuer, Director General, CERN visited CIIT on December 20, 2014 to disseminate the scientific knowledge among young students and to depict the ongoing scientific and technological work in Pakistan in connection with Pak-CERN collaboration.
- A delegation from “Yunnan Daily Press” visited CIIT, Islamabad campus on June 30, 2015. They took keen interest in China Study Center and witnessed the collection displayed in the said particular area. The guests really appreciated the facilities, infrastructure and environment of CIIT library.

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

1	H.E. Peter Claes, Ambassador of Belgium (September 24, 2014)
2	Mr. Taner Kocigit, Ambassador of Finland (February 12, 2015)
3	H.E. Dauda Danladi, High Commissioner of Nigerian High Commission (March 03, 2015)
4	H.E. Mpendulo Jele Kumalo, High Commissioner of Republic of South Africa (March 12, 2015)
5	H.E. Andrie Ermolovich, Ambassador of Belarus (March 17, 2015)
6	H.E. Prof. Julius K. Bitok, High Commissioner of the Republic of Kenya (June 25, 2015)

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:

- Farrah Adnan, Associate Professor, Department of Architecture, CIIT Islamabad was invited by CAMAC (France) for the Artist in Residence Program and to share the Prestigious Technique of Traditional Mughal Indian Miniature

Paintings with the French community (Aug). She was the first Pakistani for this residency at CAMAC Art and Science Center and she availed the residency in August 2014.

- Dr. Muhammad Saif Ur Rehman, Assistant Professor, Department of Chemical Engineering, CIIT Lahore. He was awarded Green Talent Award in Germany. The award was presented by Prof. Johanna Wanka, German Federal Minister of Education and Research at a ceremony held in Berlin on November 07, 2014. The young researcher was one of 25 green visionaries selected as “Green Talents 20”.





Government of Pakistan honored the Rector CIIT, Dr. S. M. Junaid Zaidi with the prestigious national award of “Hilal-e-Imtiaz” on March 2015.

A high-ranking jury of experts annually selects the winners, who in 2014 had to compete against the record number of over 800 applicants from more than 100 countries.

- ELTeach™ Certification (TPK Assessment) is an international certification by ETS, National Geographic Learning and Cengage Learning. Dr. Faheem Ahmad scored the highest scores in the department (295 points out of 300) securing above the threshold for best bands (Band 3). The certification was awarded after comprehensive assessment of “The Professional Knowledge” of teaching in English (as second language to the students) on December 08, 2014.
- Dr. Taous Khan, Associate Professor, Department of Pharmacy, CIIT Abbottabad was awarded with Best University Teacher Award for the year 2015. The award was given to him in a graceful ceremony held at HEC on December 23, 2014.
- Dr. Zulfiqar Ahmad Bhatti, Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad won “Innovation Award” for his project titled Industrial Water Treatment. The award was given to him on the occasion of 4th Invention to Innovation Summit 2015 held on March 04, 2015 in the University of Punjab.
- Dr. Arshad Mehmood Abbasi, Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad won "Best Book Award" under the program HEC Outstanding Research Awards for his book titled "Medicinal Plant Bio-Diversity of Lesser Himalayas-Pakistan". Award was conferred upon him in a commemorative award ceremony which was held on March 13, 2015 at HEC Islamabad. Award consisted of a certificate and cash prize of Rs. 300,000.
- Dr. Sabir Ali Shahzad, Assistant Professor, Department of Mathematics, CIIT Sahiwal was given “Outstanding Author Award” by Applied Mathematics and Mechanics Journal (English Edition) on March 26, 2015.
- Syed Zainul Abidin Kazmi, Lecturer, Department of Architecture, CIIT Islamabad won the 3rd prize in "Arjumand Painting Award" in May 2015 (1st of its kind, initiated by Gallery-6, Islamabad). This award was for the all the graduated Pakistani visual artists under the age of 40. Around 100 painters from all over Pakistan participated and a panel of Pakistan's senior, renowned artists and art critics were judges for this competition.
- Dr. Saddam Hussain, Deputy HoD, Management Sciences, CIIT Attock secured the prestigious ACU Centenary Award on May 19, 2015 and brought CIIT international recognition by securing the ACU small grants for early career academics in an open competition where 500 member universities spread over fifty countries participated. Laudably he secured position out of the 40 available slots.
- Dr. Sobia Baig, Associate Professor, Dr. Mujtaba Jaffery, Assistant Professor, Department of Electrical Engineering, CIIT Lahore won Graphical System Design Musabaqa 2015 organized by National Instruments.
- Farrah Adnan, Associate Professor, Department of Architecture, CIIT Islamabad painting was selected for the Sovereign Asian Art Prize 2015, in Hong Kong. She was nominated by Pakistan National Council of Arts for this prestigious juried art contest in Asia.

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Facing Global Challenges

3^e Forum des Vice Chancelliers
Les Universites du Monde Islamique:
Confronter les Defis Globaux

المؤتمري الثالث لنائب رؤساء الجامعات
جامعات العالم الاسلامي: مواجهة التحديات العالمية





2 RESEARCH AND DEVELOPMENT

An Overview

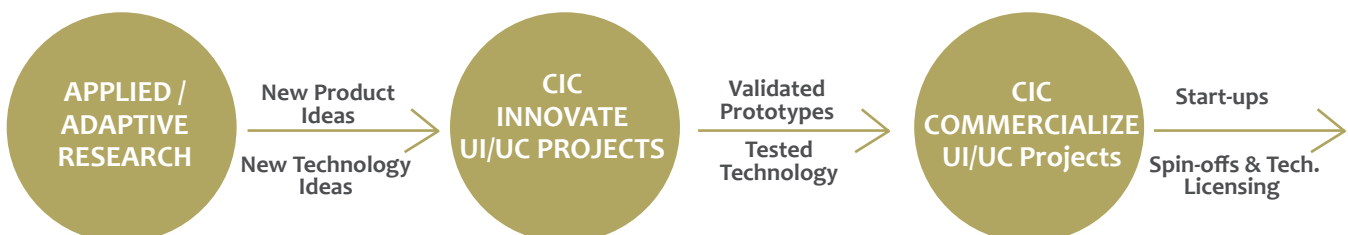
From its humble beginnings in 1998 with barely a dozen faculty members and a couple of hundred students, CIIT is now among the top five large universities and the number one (1) Information Technology institute in the country. On the research forefront, CIIT is number three in the nation. CIIT is dedicated to advancement of learning and extending the frontiers of knowledge.

CIIT's mission meshes very well with its strategic aim of developing a knowledge economy benefitting socio-economic environment in the country. To fulfill this purpose, 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 community. Its 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
- Incubating 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

ORIC Conceptual Framework



Operations of ORIC

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

CIIT Research Grant Program (CRGP): In order to attract young faculty into the research mainstream, a CRGP is in place to award grants up to Rs. 200,000/- for research proposals of 1-2 years duration. During the reporting period, under this program, 43 research proposals were approved/released to the awardees. Currently, 74 research proposals are ready to be reviewed in the forthcoming CRGP meeting.

Research Proposal Management System (RPMS): RPMS is an initiative of ORIC launched in March 2015, to foster professionalism in ongoing data management system. RPMS is electronic filing software to organize the data of the Research Projects, Travel Grant, Conferences, and Workshop in a systematic way. RPMS also provides electronic backup with the capability to assimilate data with advance system and to safeguard the vital information. It also increases the productivity and efficiency while decreasing paperwork making the process swift and cost effective.

2nd Third Party Validation (TPV): Higher Education Commission of Pakistan (HEC) announced the results of its 2nd TPV in April 2015 for the Offices of Research Innovation and Commercialization (ORIC) which was commissioned by the World Bank - Tertiary Education Support Program. As per the TPV report CIIT is one of the three Higher Education Institutes who stood out with over 90 percent cumulative score. The TPV used a scorecard comprising four quantitative indicators, i.e. work environment and human resources, research support, capacity building, and research commercialization.

ORIC Forum: ORIC CIIT has also been instrumental in forming an ORIC Forum of universities situated in Rawalpindi/Islamabad Region which is functional since 2013. ORIC Forum provided a platform for Islamabad/Rawalpindi based universities to discuss issues related to IPR generation, IPR management, and develop a prioritized agenda (including IPR capacity building) for putting forward to WIPO/IPO/HEC for their support. The Forum meets under the sponsorship of HEC and IPO. During the reporting period, a meeting of the Forum was held in July 2014 in which the Forum deliberated the need for creating IP awareness, ensuring high level commitment for ongoing initiatives, sharing/pooling resources amongst universities/research institutions, exploring (apart from HEC funding) other sources of funding for IP related activities, and the need for building staffing and HR capacity in IPR management. Recommendations on promotion of IPR regime in Pakistan were presented by the Forum to HEC/IPO Pakistan. PASTIC (Pakistan Scientific and Technological Information Centre), by virtue of its role, is also a permanent member of the Forum.

ORIC- Professional Development (ORIC-PD)

For building prosperous careers, individuals and organizations need to continuously refresh their knowledge, education and training. In order to cater to this demand the ORIC-PD was established in 2013. The overarching objective of the program is to explore practical application of knowledge through direct interaction with industry practitioners and policy-makers. Therefore, as part of its Commercialization and creating University Industry Linkages drive, ORIC-PD is deemed to be one of ORIC's flagship programs. In the latest ORIC Third Party

Validation report, ORIC-PD was hailed as an exemplary embodiment for training of other HEIs.

With notable success in the past, ORIC-PD aims to be the best professional development brand in the country. ORIC-PD's courses/workshops contain an excellent combination of lectures, discussion, and hands-on workshops to ensure maximized learning. Currently, ORIC-PD offers courses in various areas, including Intellectual Property, Business Innovation and Management, Entrepreneurship, Research Methodologies Tools etc.

At its inception, it was envisioned that the program will be beneficial in the following areas. ORIC-PD has been delivering results in these areas:

- Build a strong reputation of CIIT as a leader in professional development
- Market Outreach Program to establish good networking
- Encouragement for CIIT faculty to interact with industry
- An insight to latest market trends
- Curriculum alignment with industry needs
- Opening of internship/job placement opportunities for CIIT students
- Source of Revenue / Income

ORIC-PD has trained professionals from universities and well reputed organizations all across Pakistan. Some prominent names include: PSO, OGDCL, Fauji Fertilizer, Qarshi Industries, PEL, NTS, LUMS, PAEC, POF Wah, AKU, UET Peshawar, Attock Refinery, AERO, PIEAS, NARC, QAU, Wilson Pharmaceutical, MoST, etc. Since the beginning, ORIC-PD has been running its operations from self-generated funds. During the reporting period, following trainings were organized under ORIC-Professional Development Program:

One Day Training Workshop on Next Generation Sequencing (NGS) Data Analysis, October 28, 2014:

This workshop was focused on mining of RNA-Seq data encompassing experimental design, quality control assessment, data preprocessing and statistical analysis to find differential expression and annotation of gene lists by Gene Ontology and pathway testing.

Two Days Training Workshop on Technical Clauses of ISO 17025: Measurement Uncertainty and Method Validation, November 27-28, 2014:

ISO 17025 is the single most important standard for calibration and testing laboratories according to international standards. The ISO 17025 Accredited Laboratories have proven to be technically competent and capable to provide accurate data.

One Day Hands-On Workshop on Professional Photography, December 17, 2014:

This workshop was aimed to enhance the skills of photographers from exposure, composition, and lighting to Photoshop for experienced photographers and amateur photographers.

One Day Training Workshop on Patentability: Determining what can be Patented, February 02, 2015:

Concept of patentability applies to an invention during examination phase and is used by most Patent Offices of the

world to issue rejection of claims in a patent application. It only refers to substantive conditions, and does not refer to formal conditions such as the sufficiency of disclosure, the unity of invention or the best mode requirement.

Two Days Training Workshop on Enhancing Research Skills: Qualitative and Quantitative Research Methods, March 18-19, 2015: The case study based training, enhanced participants' knowledge and strengthened their skills to conduct quality research studies while examining process improvement data, complex scientific relationships, and intricate patterns of interaction or designing sample surveys. It also included basics of Islamic ontology and epistemology.

Three Days Training Workshop on Fundamentals of Instrumentation and Control March 25-27, 2015: It addressed the principles and concepts of 4-basics i.e flow, pressure, level and temperature measurements in process



industries. The course introduced advance process control methods. Participants learned the essential components of control systems, including the functions and operating principles of control valves and applications of controllers (pneumatic and electronic).

Two Days Training Workshop on Applying Quantitative Research Techniques using SPSS: April 29-30, 2015: The workshop emphasized on building and fostering competencies in data processing methodologies, techniques and interpretation of results. Since proficiency with statistical software package is indispensable today for serious research in the sciences, the training was designed for apprehension of methods of quantitative research with case studies.

Two Days Training Workshop on Getting Published in Reputed International Journals, May 28-29, 2015: The training provided a strategic overview of the process of preparing and submitting a scholarly manuscript for publication in reputed international journals. Drawing on the experiences of authors of scholarly writings, peer reviewers, and journal editors, this training was designed to demystify the publication process and to offer advice designed to improve a manuscript's prospects of publication.

Two Days Hands-on Training Workshop on ISO 17025: Practical Training on Technical Clauses, June 10-11, 2015: The workshop focused on specialized training and understanding of the management and technical clauses of this international standard.

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:

Research Projects Approved

#	Program	No of Cases	Amount (in Millions)
1	National Research Grant Program for Universities (HEC)	23	133.11
2	Start up Research Grant HEC (IPFP)	112	47.75
3	Travel Grant to University Teachers	57	12.697
4	Post Doctoral Fellowship program	9	6.63
5	Seminars Conferences/ Workshops	06	4.15
6	Pakistan Academy of Sciences	1	3.97
7	International Research Support Initiative Program (HEC)	3	2.707
8	Thematic Research Grant Program (HEC)	1	2.067
9	International Food Policy Research Institute	1	2
10	International Foundation for Science (IFS)	1	1.2
11	Grant for Maintenance of Scientific Equipments (HEC)	2	0.686
	Total	216	216.70

Research Projects Completed

#	Program	No of Cases
1	Start up Research Grant HEC (IPFP)	03
2	National Research Grant Program for Universities (HEC)	03
3	Grant for Maintenance of Scientific Equipments	02
4	Pakistan Science Foundation	02
5	International Linkage of Pakistani Universities with Foreign Universities	01
	Total	11

Research Proposals In-process

#	Funding Agency/ Program	No of Cases
1	National Research Grant Program for Universities (HEC)	361
2	Start up Research Grant HEC (IPFP)	111
3	International Foundation for Science (IFS)	59
4	ISESCO Joint Research Grant Program	50
5	Pak-US Joint Research	30
6	National ICT RandD FUND	18
7	Innovation Development Fund Program (Punjab)	15
8	Post Doctoral Fellow-Ship	13
9	Pakistan Program for Collaborative Research (HEC)	10
10	Pakistan Strategy Support Program	10
11	Pakistan Science Foundation	9
12	Grant for Maintenance of Scientific Equipments	9
13	TWAS-COMSTECH	6
14	Japan's Technical Cooperation Development Study and Grant Aid	4
15	Pakistan Agriculture Research Council	4
16	WWF (World Wide Fund)	4
17	Thematic Research Grant Program (HEC)	3
18	Access to Scientific Instrumentation (HEC)	3
19	Pakistan Medical Research Council (PMRC)	3
20	Institutional Strengthening (HEC)	2
21	MAB Young Scientist Award	2
22	British Council (Knowledge Economy Partnerships Pakistan)	1
23	Climate and Development Knowledge Network	1
24	DEBRA UK	1
25	The Association of Commonwealth Universities	1
26	International Centre for Genetic Engineering and Biotechnology	1
27	IGC International Growth Centre	1
28	INSPIRE (British council)	1
29	International Food Policy Research Institute	1
30	International Growth Centre	1

31	Knowledge Economy Partnerships Pakistan-UK	1
32	Ministry of Planning, Development and Reform Planning Commission	1
33	Organization For Publication Of Chemical Weapon (OPCW)	1
34	Pak-US Science And Technology Program	1
35	UNESCO	1
36	Travel Grant to University Teachers	0
37	Seminars Conferences/ Workshops	0
	Total	740

Products Developed By Center For Advance Studies In Telecommunication

- A versatile electronic training kit was produced by CAST researchers in October 2014. The training kit is cost effective and is beneficial for students studying Microcontroller Programming and Interfacing. There are around 15 separate circuit boards in the range; from simple LED boards to more complex boards like device programmers, serial communication and Motor driver.
- The automatic monitoring and detection algorithm was developed in December 2014 which is very beneficial for telecommunication sector of Pakistan to curb the illegal internet traffic in a very effective way.
- Sensors for real time moisture detection was prepared in January 2015 which are capable of measuring the moisture content on single grain kernel with high accuracy.
- A mobile application titled “classmate: course manager” was successfully created and launched in April 2015 which is

capable of keeping class records, attendance database, teaching resources and recorded lecture. The application can be integrated into the existing class management system.



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 2014, 4,408 research papers have been published by CIIT faculty whereas during the reporting period the number stands at 874. A summary of the published research papers is provided below:



Patents

During 2014-15, CIIT filed 4 (four) patents (2 US, 2 local) based on applied research of its faculty. Till date, 15 patents have been filed.

#	Title	Inventors	Filing Date	Patent Application Number
1	Generation of High Power Pulse-laser Using Felid Generated Coherence	Fazal Ghafoor	September 5, 2014	USPTO 62/046,584
2	Bioharvesting of greenhouse gases and Renewable Energy to biochemical	Dr. Robina Farooq and Dr. Saleem Shaukat	September 15, 2014	IPO, Pakistan 641/2014
3	System and Method for Uninterrupted Communication Across Black Spots For Multi Interference Mobile Nodes	S. M. Raiz Hussain, Shahzad A. Malik, and Shahid A. Khan	November 9, 2014	USPTO 14/536,650
4	Extraction of Hydroxyapatite from Fish Scales Employing Ionic Liquids	Dr. Farasat Iqbal and Dr. Nawshad Muhammad.	June 29, 2015	IPO, Pakistan 424/2015

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 more than 500 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:

Conference on “Devolution of Education: The Post-18th Amendment Scenario: This two days national conference was organized by Center for Policy Studies (CPS) from October 01-02, 2014 in collaboration with Hanns Seidel Foundation.

Vice Chancellors’ Forum 2015: The CIIT in collaboration with the Islamic Educational, Scientific and Cultural Organization (ISESCO), Ministry of Science and Technology, Government of Pakistan, Higher Education Commission, Pakistan and Federation of the Universities of the Islamic World (FUIW) organized Vice Chancellors’ Forum on “Universities in the Islamic World: Facing Global Challenges”. The Forum was held from February 23-24,



2015. Vice Chancellor’s Forum is third event being organized in series. It was warmly participated by over 150 Vice Chancellors/ Presidents/ Rectors of the universities/ degree awarding institutions from Islamic world. These included participation of universities from Afghanistan, Algeria, Bangladesh, Cameroon, Côte D’Ivoire, Gambia, Iran, Jordan, Kyrgyz Republic, Libya, Malaysia, Morocco, Niger, Nigeria, Pakistan, Saudi Arabia, Sudan, Tunisia, Turkey, and Uganda. The signing of memoranda of understanding between the participating universities was another worthwhile outcome of the VC Forum. Over 200 MoUs were signed between universities participating in the VC Forum.

Pak China Business Forum 2015: CIIT organized the Forum from March 27-30, 2015, to promote university-industry collaborations in business and economic sectors for the mutual benefit of both countries. A huge gathering was witnessed at inaugural session of the forum and wherein approximately 200 Chinese and 150 Pakistani companies participated by displaying products and conducting business-to-business meetings. Federal Minister for Science and Technology and Chinese Ambassador to Pakistan inaugurated the mega forum at Pak China Friendship Center. Addressing the inaugural ceremony the Federal Minister said that diffusion of knowledge is very important especially for the South Asian region. He stressed on devising national strategies for the human resource development and promotion of science and technology, which are also essential, he added. The forum encompassed project exhibitions, seminars, workshops and industrial academic expo. It also helped in promoting thematic areas of new energy technologies, information and communication technologies, water conservation, purification and sanitation and biomedical materials, in consultation with Chinese counterparts. The forum provided an opportunity for commercialization of products and processes of the participating organizations.

Seminar on Human Rights Education and Sensitization: Center for Policy Studies in collaboration with the Ministry of Law, Justice and Human Rights organized a one-day seminar on “Human Rights Education and Sensitization” on May 26, 2015. Senator Nuzhat Sadiq, Chairperson Senate Standing Committee on Foreign Affairs and Commissioner Pakistan Girls Guide Association was the Chief Guest. Throughout the seminar the students took active part in discussions and gave

their own recommendations and opinions on the basis of their

observation and experience on a daily basis.



ISLAMABAD CAMPUS

South Asian International Conference (SAICON): The Department of Management Sciences annually hosts the prestigious ‘South Asian International Conference’ (SAICON). The conference is an initiative of the ‘Academy of Global Business Advancement’ (AGBA), the South Asian division of which is managed by CIIT. In August 2014, the Department successfully conducted the 6th SAICON meeting. The event witnessed a revering success as all invited researchers and industry professionals participated with great enthusiasm. The theme of the conference was ‘Ingenuity, Integration, and Inspiration: The Survival of the Fittest’. It was a blend of the different events comprising of Keynote addresses, Oral presentations, Invited Talks and special interactive sessions.



course on Managing Project Team from December 26-27, 2014. Eighteen participants from various organizations, including SMEC Oil and Gas Pvt (Ltd), Rawalpindi Waste Management Company, PAEC, NTS, and the King Abdullah’s Relief Campaign for Pakistani People, attended the training. The training contents were designed in way to allow sufficient opportunity to the participants to practice their learning through group exercises.

Seminar on Cultural Learning Through Museum

Project: The seminar was held by Department of Architecture in February 2015. It is one of the series CIIT hosted at its Islamabad, Lahore, and Sahiwal campuses through Museums Association of Pakistan by Finnish Museums Association and the Embassy of Finland in Pakistan. H.E Ambassador of Finland attended the seminars and hosted a dinner for the delegates on Feb 12, 2015.

Seminar on Economic Corridor:

The Chinese perspective: The China Study Center organized a seminar on Economic Corridor: The Chinese Perspective on March 29, 2015 at Pak China Friendship Center. A number of speakers including Senator Mushahid Hussain and Mr. Akram Zaki, Ex Ambassador, Mr. Zhang Daojian Director Confucius, and some faculty from CIIT spoke on various facets of Pak China Economic Corridor.

Workshop on Professional Development:

Department of Computer Science organized the workshop on April 01, 2015. The resource person was Mr. Sahibzada Junaid Khan, Senior Manager, Recruitment and Talent acquisition of Zong Pakistan. The topics covered during the workshop included how to write



effective resume, how to prepare for effective interview, job search strategies, and use of internet and social media in job search.

Seminar on Role of Human Resource Management (HRM) in Today's World: The seminar was organized by the Department of Management Sciences on Role of HRM in today's world' on April 23, 2015. The guest speakers were Mr. Talha Abdul Rauf (HR and credit manager for Orix Leasing) and Mr. Arsalan Ahmed (HR manager for KRL Hospital). The speakers shared their theories about the present and future of HR in Pakistan. The guest speakers shared the fact that, lately more and more organizations in Pakistan have been recognizing Human Resource Management as an integral cog in the organization.

Seminar with American Novelist Paul Harding: Department of Management Sciences organized a seminar which provided the students with the opportunity of engaging in discussion with the esteemed American, musician turned novelist, Paul Harding on April 27, 2015. Mr. Harding is known for his bestselling debut novel 'Tinkers' and a subsequent novel 'Enon'. He offered advice to young writers aspiring to be authors in the future.

Training on Workplace Ethics: CCED held a two-days training on Workplace Ethics from May 18-19, 2015. Eighteen participants from various organizations, including Telenor, NTS and others attended the training which was conducted by a trainer and motivational speaker Ms. Binish Nauman. Ethics training has been recognized internationally as an important measure taken to counter all unethical behaviors at workplace. This ethics training provided the participant a platform to discuss and evaluate their own beliefs and values while learning with reference to others and current laws and international code of conducts in this regard. Various exercises, activities and case studies were used to equip the participants with the maximum knowledge.

Lecture on Commonalities and Differences between Pakistan and Chinese Culture: Mr. Zhang Daojian, Director Confucius Institute, visited CIIT on May 20, 2015 to deliver lecture on "Commonalities and Differences between Pakistan and Chinese Culture" which was arranged as an episode of China Study Center's Learning from China: Talk Series. Its purpose was to create awareness among faculty and students and wipe out any misconceptions about Chinese culture. Its aim was to motivate students to head towards China to pursue their higher education.

First CIIT International Spring School on computational Materials Research and Education: Department of Physics, CIIT Islamabad, organized an international workshop from May 21-28 2015: First CIIT International Spring School on computational Materials Research and Education. Renowned professors/scientists from USA participated to deliver their lectures and initiate new collaborations with CIIT faculty. This event was a huge success that provided the faculty and students a great chance of learning the state of the art skills in the field.



Start and Improve Your Business: First ever SIYB (Start and Improve Your Business) training was held at CUBATOR 1ne from May 23-25, 2015. 25 young entrepreneurs consisting of students, alumni and faculty of CIIT were trained to start their own business.

Learning from China Talk Series Political system of China: Mr. Ha Bin, Country Head, Guangming Daily delivered speech on "Political system of China" on June 08, 2015 with the aim to introduce Chinese political system and linked it with China's exponential economic growth. The speech gave an insight about Chinese political system and how it evolved over time.

Workshop on Next Generation Data Analysis: First ever workshop in the area of Next Generation Data Analysis was organized by the Department of Biosciences on October 2014. It was attended by 22 participants from different organizations. Participants were given an introductory session about NGS technologies and techniques followed by an intensive hands-on session about data analysis in R using LINUX OS.

ABBOTTABAD CAMPUS

Workshop on Modern Embedded System Design

Tools: This two days workshop was conducted by Department of Electrical Engineering from December 05-06, 2014. Lectures were delivered on theoretical and practical knowledge of advance topics in embedded systems design and had hands-on experience on Raspberry Pi platform.

Workshop on Developing Industry Driven

Technology: A workshop was organized by CIIT Abbottabad in collaboration with PASTIC and IRP on December 11, 2014. The presenters delivered their lectures regarding Industrialization on Local Technologies, Development and Innovation, Applied Research and Environmental Impacts due to over Industrialization.

12th International Conference on Frontiers of Information Technology

12th International Conference on Frontiers of Information Technology (FIT 2014) was held from December 17-19, 2014. The conference was organized by Department of Computer Science. The conference theme was "Smart Cities". It was technically sponsored by IEEE Islamabad Chapter, IEEE Computer Society and IEEE Industrial Electronics Society. A total of 31 technical sessions were organized and were chaired by renowned academicians. 68 technical papers were presented as oral presentations besides the invited talks, which was another main component of the technical sessions. A total of 27 invited talks were delivered on the latest trends in the areas of computer science and electrical engineering.



Conference on Disaster Risk Reduction, Challenges and Techniques

The conference was organized by Department of Civil Engineering on December 22, 2014. The purpose of the conference was to acquaint the engineers with basic terms of disaster management including types of hazards, elements at risk, vulnerability and capacity building. The resource persons elaborated various risk, hazard assessment and

management techniques.

Workshop on Women Leadership in Higher Education

A two days workshop on Women Leadership in Higher Education was organized by Department of Management Sciences from February 21-22, 2015. Dr. Noor Jehan, Vice Chancellor, University of Swabi presented the inaugural address. On the second day of workshop Dr. Funda Sivrikaya Serifoglu, President of Duzce University and Dr Nigar Demircan Cakar, VP Duzce University Turkey presented their introductory session.



2 Days Workshop on Quantitative Data Analysis using SPSS

This two days workshop on quantitative data analysis using SPSS was organized from March 10-11, 2015 for the professors of different departments of Haripur University including Departments of Agriculture, Forestry, Business and Information Technology on their request.

Workshop on Power System Computer Aided Designing (PSCAD)

This two days workshop was organized by the Department of Electrical Engineering from April 14-15, 2015. Dr. Jawad Saleem, Assistant Professor and Engr. Auon Raza, Lecturer, Department of Electrical Engineering, CIIT Abbottabad were the resource persons of workshop. Main objective of the workshop was to aware students about the latest power system designing tools and encourage them to use these tools to implement their final year projects. PSCAD is the most versatile tool and it provides flexibility to the users to design their own power system component and analyze its behavior therefore a lot of research in electrical power system is being tested by this simulation tool.

Workshop on How to Become an Entrepreneur

This workshop was organized by the Department of Management Sciences on April 15, 2015. Resource person of the workshop was Mr. Umar Farooq CEO, HCP Group. The seminar consisted of two

sessions. The aim of this seminar was to equip the students with better understanding of the market, the importance of finding a gap and providing practical solutions. Moreover, participants were given demonstration on how to become freelancers at home.

Seminar on Trading on Secondary Market: The seminar was organized by the Department of Management Sciences on April 15, 2015. The resource person was Mr. Zahid Latif Khan, Member Board of Director, Islamabad Stock Exchange. The objective of the seminar was to create awareness in students about the working of stock markets and its trading, which is helpful for their professional life regarding investment career and market knowledge.

Workshop with Community World Service Asia: Community World Service Asia is a regional non-governmental organization which implements humanitarian and development activities in Asia. Department of Development Studies, CIIT Abbottabad invited Community World Service Asia to visit the department. After the preliminary meeting with the organization, both the organizations agreed to hold a one day workshop. The workshop took place on April 16, 2015 at CIIT Abbottabad.

Training Workshop on Finding, Managing and Citing Literature: Department of Management Sciences, organized one day research training titled Finding, Managing and Citing Literature on April 24, 2015. It was a full day workshop comprising of three sessions. Objective of arranging the workshop was to equip the students with better understanding of research, the importance of finding relevant literature and reviewing it. Moreover, participants were given demonstration on how to manage and cite literature using reference managers.

Tenth Technomoot: CIIT Abbottabad organized its tenth high-tech national level event consisting of seminars, symposia and exhibitions under the umbrella of Technomoot 2015 from May 11-12, 2015. Technomoot 2015 comprised the following



activities EMCOT (Electrical Engineering), Computational Complexities, Innovations, and Solutions (CCIS, Mathematics), Conference of Software Enterprise (CSE), Vision ICT (Computer Science), Miles (Management Sciences), and Height (Humanities).

Workshop on Understanding Gender, Human Security and Development in Post-Conflict Swat, Pakistan: Implications for Policy and Practice: Department of Development Studies in collaboration with Norwegian University of Life Sciences organized the workshop on June 18, 2015. A large number of professionals from the government as well as the development sector, students and researchers attended the workshop. The objective of this workshop was to share the findings of a five year collaborative research project between the two institutions. The project was started in 2010. The project team aimed to thoroughly explore the implications of conflict and lack of security and shape models for development and progress. The Research Council of Norway and HJURA, a local organization, provided support in making this project possible. Mr. Lars Nordrum Charge d’Affair and Acting Head of the Royal Norwegian Embassy in Islamabad was the Guest of Honor.



WAH CAMPUS

Seminar on Entrepreneurship: The seminar was arranged by Department of Management Sciences on October 01, 2014. Around 200 students and faculty attended the seminar. Guest speaker was Mr. Tahir Chaudry who is the President of Pakistan Institute of Entrepreneurship and is the CEO, Falcon Consulting Group. He stressed the importance of Entrepreneurship in Pakistan and discussed the various opportunities and avenues with the students and faculty.

Seminar on Strategic Management: The seminar was arranged by the Department of Management Sciences on

November 25, 2014. The resource person was Mr. Hassan Raza who is a Harvard Alumni.

Workshop on Stepping in Career: The two days workshop was organized by the Department of Management Sciences from May 19-20, 2015 to assist students in their future endeavors of professional life. Few of the topics covered in workshop included Presentation and Communication Skills, Personal Grooming, Job Hunting, Self Management, Leadership and Teamwork Assessment, and Interview Skills.



LAHORE CAMPUS

Seminar on IELTS: Keeping in view the importance of IELTS, Department of Humanities arranged an informative seminar on IELTS conducted by British Council on September 19, 2014. The purpose of the seminar was to orient students about the test format and its components as well as discuss common myths about it. The guest speaker was Mr. Ali Azhar, the Marketing Manager of British Council.

Seminar on Applications of Higher Order Sliding Mode on Problems of National Concern like Energy Crisis-A Model of Thar Coal Gasification: The seminar was organized by the Department of Electrical Engineering on November 28, 2014. The resource person for the seminar was Dr. Amer Iqbal Bhatti, Professor, Muhammad Ali Jinnah University, Islamabad.

Workshop On Stress Management Coping and Health: The workshop was organized by the Department of Humanities on December 04, 2014. The workshop was conducted by guest speaker, Mr. Usman Rasheed, Director Fountain House, Lahore. The focus of the workshop was to strengthen the student's daily coping towards stressors to maximize their productivity. They were not only informed about form and function of stress but were also trained to overcome it with professional training.

A Seminar on South Asia: Religion, State and Society: This one day seminar was held on December 8, 2014 at by the Department of Humanities. This seminar brought together scholars to explore practices developed by empires and states in order to govern the behavior of their subjects. The seminar aimed at exploring perspectives such as how South Asian societies maintain their political structures, social groups, cultural and religious identities and how contemporary historical theories and methodological tools allow or disallow the voices of people.



4th International Symposium on Biomedical Materials: Translational Research and Commercialization: The symposium was organized by Interdisciplinary Research Center in Biomedical Materials

(IRCBM) from December 16-17, 2014. The Chief Guest was Former Chief Justice Pakistan Mr. Tassaduq Hussain Jilani. Few of the objectives of the symposium included Enabling scientists to understand clinical needs and their translation into lab activity, Promoting interdisciplinary research in biomedical materials, Facilitation of industry-scientist-clinician linkages, and Public engagement and knowledge dissemination etc.



Global Forum on Islamic Finance: CIIT Lahore organized the third annual two days Global Forum on Islamic Finance (GFIF) from March 11-12, 2015. GFIF provided a platform to scholars and experts from all over the world to share new ideas on Islamic Finance and related fields. It also acted as a medium for all participants to quench their desire to be informed more about the field due to its increasing success in the world market. The theme of the Forum was: "Islamic Finance: A Viable Financial Alternative".



Seminar on SAP: The seminar was organized by the Department of Statistics in collaboration with SAP official partners ERPKN Pvt. Ltd was held on March 18, 2015. The talk highlighted the usefulness of SAP in Finance, supply chain Management, Human resource Management and Quality

Management.

Workshop on Modern Aspects of Algebra and Graph Theory: The workshop was organized by the Department of Mathematics from March 27-28, 2015.

Workshop on Interview Strategies and Reducing Sexism in the Workplace: The workshop was organized by the Department of Humanities on May 18, 2015.



1st International Conference on Energy for Sustainable Development: The conference was organized by the Department of Chemical Engineering from May 20-22, 2015.

International Conference on Energy Systems and Sustainable Development: The first International Conference on Energy Systems and Sustainable Development (ESSD-2015) was held from May 20-22, 2015. The conference was arranged by Department of Chemical Engineering in collaboration with Energy Research Center (ERC). A number of researchers, academia, industry and students from within Pakistan and from various countries participated in the workshop and presented

papers. Mr. Khalid Saeed, Chairman ERC, addressed the participants as key note speaker. He gave an overview of power regulatory regime of Pakistan and pointed out inefficiencies, mismanagement and corruption in the public sector and conveyance losses in existing network and theft of electricity and suggested measures for improvement.

Workshop on Affordable Housing: The workshop was organized by the Department of Architecture from May 29-August 08, 2015. The focus of this workshop was to develop an understanding of affordable housing in a specific city for a particular community in students and faculty. The aim was to cultivate a better understanding of both housing and design process, as in the real world, as well as improve the pedagogy of housing studio design practices.

Workshop on Contemporary Asian Architecture Agendas-Towards a Discourse on Building and Urban Design Issues: The workshop was organized by the Department of Architecture from May 29-August 08, 2015. The focus of the workshop was to improve the history courses, methods of its input in studio programs by conducting a series of seminars and lectures on the History of Architecture, where young academics from the architecture faculty of COMSATS and that of other institutions would be included. Some 400 or more students will benefit by the future revision of courses and teaching methods.

Seminar on Development and Utilization of Biomass Energy in Pakistan: ERC organized the seminar on June 12, 2015. Renowned experts attended the seminar from industry and academia. The prevailing energy crisis in Pakistan, importance and role of biomass energy in power generation and mitigation of energy crisis, need for efficient governance were the core topics of seminar. The participants deliberated on biomass resource potential and technology, issues in biomass collection, treatment and transportation and utilization at biomass power plants.



ATTOCK CAMPUS

International Conference on Advancements in Mathematics: This two days conference was organized by the Department of Mathematics from April 24-25, 2015.

Seminar on Semantic Web: Department of Computer Science organized a one day seminar on May 07, 2015. The theme of the seminar was “Semantic Web: A Smart Extension of Web”. Focus of the seminar was to introduce students with the concepts of semantic web, its applications and research areas in the field. Dr. Shah Khisrow (Assistant Professor University of Peshawar) was the speaker on the occasion. Faculty members of Computer Science department and students of graduate and undergraduate programs attended the seminar.



ANNUAL REPORT

SAHIWAL CAMPUS

Seminar on Stakeholders' Consultation on Effective Industry Academia Linkages and Relevance of Research towards Socio-Economic Needs:

The seminar was organized in collaboration with UNDP and Punjab Higher Education Commission on June 17, 2015. Prof. Dr. Nizam ud Din, Chairman Punjab Higher Education Commission chaired the session. He was accompanied by Ms. Sidra Mansoor, Director Research and Development and Mr. Murtaza Noor, Program Manager.



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.

Moreover, under the Horizon 2020, the Department of Biosciences, CIIT Islamabad won a prestigious grant for a project i.e "MetaBLE, Advanced bioinformatics for genome and metagenome analyses with discovery of novel biocatalysts from extremophiles: implications for improving industrial bioprocesses." The project is developed with the help of several European university partners including UNICAM, Italy.

CIIT is also collaborating with ten universities in Germany. Currently, it is conducting joint research with University of Rostock in the field of Pharmaceutical Chemistry. Research collaboration is also ongoing with the University of Bonn in the fields of Pharmaceutical Sciences. A center for Mountain Research is also planned and the project is under preparation. Joint research projects are also being conducted with the University of Saarland, Potsdam Institute of Climate Change Research, Karlsruhe Institute of Technology, Jacobs University, Bremen, TU Braunschweig, University of Heidelberg and University of Muenster.

Besides these, following research collaborations have also been initiated in 2014-15:

Fellowship Program between IRCBM and Sheffield University, UK: CIIT and University of Sheffield, UK signed a collaborative agreement to launch Pakistan UK Fellowships program. The following academics from University of Sheffield, UK visited IRCBM, CIIT Lahore from August 25-29, 2014:

- **Prof. Sheila McNeil**
Professor of Tissue Engineering, Director, Interdisciplinary Programs, Faculty of Engineering
- **Prof. John W Haycock,**
Professor of Bio Engineering
Director, Centre for Biomaterials and Tissue Engineering

- **Dr. Ihtesham ur Rehman,**
Reader in Biomedical Materials
Department of Materials Science and Engineering

Through this program, five research fellows will be selected from IRCBM (as phase 1) for a period of two years through a competitive process.

Institute of Geomechanics, Chinese Academy of Geological Sciences, Beijing, China: A MoU was signed between Institute of Geomechanics, Chinese Academy of Geological Sciences and Department of Earth Sciences, CIIT on December 12, 2014 for research cooperation. MoU will provide the two sides an opportunity to interact closely for the exchange of scientific information, scholars, and students.

Mobilities under EMMA Program

CIIT is actively involved in the Erasmus Mundus Mobility with Asia (EMMA). It has been associated with the EMMA consortium led by the University of Nice, France since 2010. This consortium also includes six other European partners and 12 Asian partners located in different countries. The purpose of the creation of the consortium has been to arrange mobilities and capacity building projects that were to be financed from the EU Commission. Around 35 individuals have availed the different mobilities available under the EMMA Program.

Mobilities under Mevlana

In September 2013, the International Office joined hands with Turkish universities for the Mevlana Exchange Program, which aims for the reciprocal exchange of students and faculty members between universities and is run by the Turkish Higher Education Council. CIIT entered into agreement with three leading universities of Turkey for the implementation of this exchange program which is Duzce University, Dicle University, and Mugla Sitki Kocman University. Uptil now, around 15 faculty/students have availed their mobilities and another ten individuals would be going during this academic year.





3 QUALITY ASSURANCE

Quality Enhancement Cell

CIIT is committed to a total institutional satisfaction by developing leading edge educational practices at all its campuses, and ensuring that the highest standard of excellence is accorded the top priority to assure the quality in each and every working segment. This reflects CIIT's pledge of delivering high quality education.

CIIT envisages becoming a world premiere center of excellence for education as well as research, development and innovation. CIIT has its own quality assurance regimen that reflects its strategic Vision 2020. The Institute also follows the quality assurance program of the HEC and is also in strict compliance with the international quality assurance standards which facilitates CIIT's participation in the world university rankings.

With quality as an integral component and excellence in higher education as a strategic imperative, CIIT manifested its progressive mission by establishing the Quality Enhancement Cell (QEC) in 2006, and since then, has taken bold initiatives to attain, manage and enhance quality at the institutional level in all cadres of university management, academic and administration. For making CIIT a quality-centric institution, the QEC performs various quality based assignments. The HEC has awarded highest category "W" to QEC CIIT in the score cards on Yearly Progress Report (YPR) 2013 and 2014 that showed the commitment of QEC in promoting and implementing quality culture and establishing quality processes at CIIT system.

'W' Category by HEC

For making CIIT a quality-centric institution, the QEC performs various assignments. As per quantitative assessment results

announced by Quality Assurance Agency (QAA) of HEC in October 2014, QEC of CIIT has maintained its rating in the top category of 'W'.

Impact of Quality Assurance in the University

Quality Assurance and Assessment Process (QAAP) of Academic Programs

The Quality Assurance and Assessment Process (QAAP) of Academic Programs is a continuous process. The QEC is responsible for the implementation of QAAP across CIIT. The system follows the QEC coordination with all Campuses, initiates the systematic process of gathering, reviewing and using important quantitative and qualitative data and information from multiple and diverse sources about educational programs, for the purpose of improving student learning, and evaluating whether academic and learning standards are being met. The process culminates when assessment results are used to ensure the improvement in student's quality learning.

The purpose of assessment exercise is to ensure the quality of programs and to align these programs and activities with the strategic plan of the departments and university as per assessment criteria provided by the QAA of HEC.

So far, QEC has evaluated 56 academic programs offered by four departments at Islamabad, Wah, and Attock campuses and currently evaluating 28 more academic programs offered by two departments namely Mathematics and Biosciences, at all campuses. During the reporting period, 28 academic programs were assessed.

QS International University Rankings (World and Asian)

CIIT has maintained its position in 201-250 range of top Asian Universities announced by QS Asian University Rankings in 2014. The data and information for ranking exercise was prepared, completed and presented to QS authorities by the QEC.

Participation in Decision Making Through Statutory and Non-statutory Bodies

QEC being member of statutory bodies such as Board of Studies, reviewed and revised programs and the Scheme of Studies of BS and MS History, Bachelor in Design, Architecture, BS in Chemical Engineering, Social Sciences, MS in Islamic Finance, etc. during 2014-2015, hence contributed in preparation of new academic programs and overall processes and practices at CIIT.

External Institution Performance Evaluation

In January 2015, as Focal Point of CIIT, QEC led the entire preparation of university for the Third Party Visit of the World Bank Consultant for the IPE process at CIIT. The visit was organized by HEC and the audit was conducted by the World Bank Experts.

Review of PhD Programs

The HEC Quality Assurance Agency (QAA) Review Committee visited CIIT Islamabad Campus on May 5, 2015 and reviewed the post graduate degree programs being offered by the academic departments. This particular review exercise was mainly based on the PhD Program and relevant statistics. The CIIT Academic Department and Quality Enhancement Cell representatives assisted the visiting Review panel. In 2014, QEC prepared this information based on PhD scholars, departments offering PhD programs and relevant supporting evidences, as per HEC requirements and had submitted to HEC.

ISO 9001-2004 QMS Certification

After successful ISO External Audit, of CIIT's Quality Management System (QMS), in October-November, 2014 CIIT obtained the ISO 9001:2008 Certificates for the six CIIT Campuses for the next three years tenure i.e. January 2015 to January 2018. The external ISO audit was arranged and supported by QEC. In this regard, two days Training Course for the Departmental ISO Coordinators/Implementers and Two Days Training Course for the ISO Internal Auditors (Performance Audit) in July-September, 2014 were also arranged.

The QEC team has also prepared the proposal for obtaining the ISO 14000:2004 Environmental Management System (EMS) at CIIT all campuses for making CIIT the "Green Campus".

Participation in International Training

QEC represented CIIT at International forum by participating in Erasmus Mundus Mobility with Asia (EMMA) program in its staff mobility category during June 2015. The QEC official through an interactive approach analyzed the Quality Assurance practices at both CIIT and Heidelberg University Germany and tried to explore the new avenues for research and productivity for the faculty and students of CIIT in different disciplines and projects being offered by University of Heidelberg.

Research Productivity

QEC published two research articles in USA based peer Reviewed Universal Journal of Management titled (i) "Internationalization of Universities Myth and Realities: A Case Study of COMSATS Institute of Information Technology (CIIT) Pakistan" published in Universal Journal of Management in March 2015. (ii) "Internationalization of Universities: Trends for Adoption of Environmental Management System EMS-ISO 14001:2004 across Higher Education Sector Universities in Pakistan.

Membership of Associations/Networks

QEC has acquired CIIT's membership of international Associations/Networks dealing with the quality of education. The membership of Association of Quality Assurance Agencies of the Islamic World (AQAAIW) was acquired on October 28, 2014.

Accreditation of Academic Programs from Relevant Councils

The QEC team is supporting in accreditation process of all academic programs. 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. QEC reviewed and revised the CIIT BSCS Mission/Vision/Program Objectives/Program Outcomes for the Accreditation Process in November 2014.





4 FACULTY DEVELOPMENT

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

Human Resource Development

Investing in human resources, more precisely the faculty and staff, has been a flagship initiative at the CIIT. It is in this spirit that CIIT is currently running one of the largest faculty/staff development programs among the public and private sector universities in Pakistan.

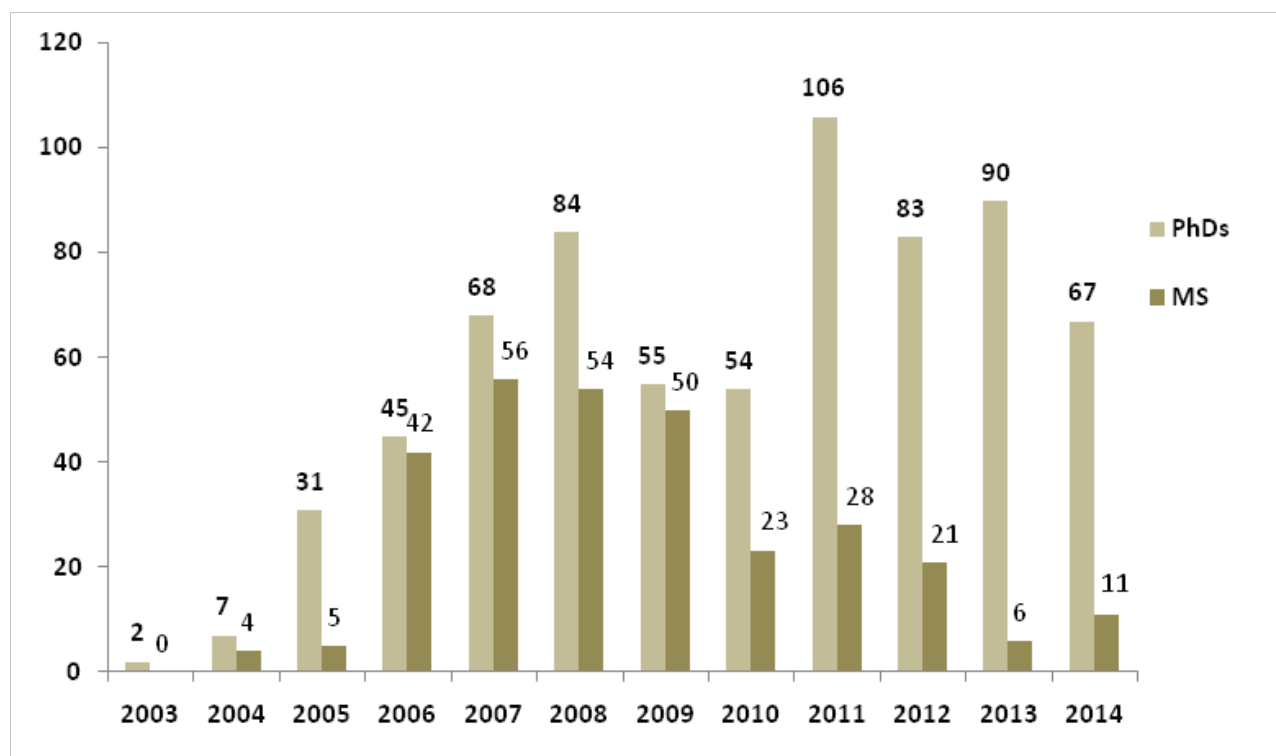
During the preceding 14 years, CIIT has invested generously in human resource development through awarding scholarships to its meritorious faculty/staff. During this time, more than 330 fully funded CIIT scholarships have been awarded to allow faculty/staff to pursue their higher studies at some of the best universities in the world. Till date, 148 MS and 85 PhD scholars have successfully completed studies on CIIT scholarship, returned back and are serving CIIT. Currently, over 100 scholars are pursuing studies on CIIT funding. These scholarships were awarded through merit-based 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 six hundred (600) faculty/staff in securing funding from alternate sources; over 149 (46 MS and 103 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 1 to 3 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. Summary details of scholars at CIIT funding and through alternate sources are presented.

The choice of subjects of candidates so placed abroad was aligned with the Institution's strategic plans and the human resources placed abroad remain under a keen vigil of the senior faculty/management 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.

Year Wise Placement of Scholars Abroad for Higher Studies



Scholars Studying Abroad

During the reporting period, 86 scholars were sent abroad to pursue MS/PhD degrees in various disciplines. Out of these 86 scholars, 12 went for MS, 74 for PhD. The summary of all scholars

who went abroad for higher studies till June 30, 2015 is given below:

CIIT Scholars as on June 30, 2015 Source-Wise

Campus	CIIT		HEC		Self-Finance		Others		Total
	Faculty	Non-Faculty	Faculty	Non-Faculty	Faculty	Non-Faculty	Faculty	Non-Faculty	
Abbottabad	10	1	21	0	18	2	53	3	108
Islamabad	52	1	16	1	22	3	85	3	183
Lahore	24	3	16	2	12	8	61	7	133
Wah	6	0	5	0	3	2	29	1	46
Attock	2	0	3	0	0	2	11	0	18
Sahiwal	1	0	0	0	3	2	18	0	24
Vehari	5	0	1	0	2	0	2	0	10
Virtual Campus	0	1	0	0	1	0	1	0	3
Principal Seat	0	1	0	1	0	2	0	1	5
Total	100	7	62	4	61	21	260	15	530

The program wise break up is as below:

CIIT Scholars as on June 30, 2015 Program-Wise

Program	CIIT		Others		Total
	Faculty	Non-Faculty	Faculty	Non-Faculty	
MS	28	4	72	22	126
PhD	71	3	304	15	393
Others*	1	0	7	3	11
Total	100	7	383	40	530

*Post Doctoral Fellowship etc.

While the gender wise data shows the breakup of 87% males and 13% females who were on study leave as on June 30, 2015.

Gender-Wise

Gender	CIIT Funded	Other Sources	Total
Male	82	380	462
Female	25	43	68
Total	107	423	530

The Scholars Rejoined

During the reporting period, 62 scholars rejoined CIIT after successful completion of their advanced degree. Out of these 62 scholars, 05 were MS and 55 were PhD, besides 02 other. The

summary of all the scholars who have returned and rejoined CIIT till August 31, 2015 is given below:

Campus	CIIT		Others		Total		Total
	Faculty	Non-Faculty	Faculty	Non-Faculty	Faculty	Non-Faculty	
Abbottabad	40	2	61	2	101	4	105
Islamabad	91	5	69	1	160	6	166
Lahore	42	1	48	1	90	2	92
Wah	24	1	23	3	47	4	51
Attock	6	0	6	0	12	0	12
Sahiwal	8	0	5	0	13	0	13
Vehari	0	1	2	0	2	1	3
Virtual Campus		0		1	0	1	1
Principal Seat		5		1	0	6	6
Total	211	15	214	9	425	24	449

Faculty

As a result of the opportunities provided by the CIIT for faculty development, the number of young PhD faculty is increasing. Out of 3,022 faculty members, 979 are PhD holders, 1,330 have

MS/MPhil degree while remaining 713 are sixteen years degree holders. During the reporting period, the designation-wise breakup of faculty is follows:

Campus	Professors	Advisors	Associate Professors	Assistant Professors	Lecturers	Research Associate	Total
Islamabad	28	32	33	419	344	176	1,032
Abbottabad	16	14	18	239	298	58	643
Wah	1	4	9	78	88	14	194
Lahore	10	5	23	250	236	86	610

Attock	1	1	1	55	73	10	141
Sahiwal	1	1	2	75	109	27	215
Vehari	0	0	1	48	67	19	135
Virtual Campus	0	0	0	2	29	21	52
Total	57	57	87	1,166	1,244	411	3,022

Faculty Development Academy

Faculty Development Academy (FDA), a training wing CIIT Islamabad functional since 2011, is the pioneer for the Teacher Training endeavors. It has been working on professional development of faculty members of its seven campuses as well as faculty and professionals of public and private sector universities of Pakistan. The purpose is to transform trainees into effective teachers, reflective practitioners and dynamic role models. A summary of its academic and co-academic activities during the year 2014-15 is given below:

In-Service Trainings

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

First Strategic Development Workshop for HoDs:

FDA organized First Strategic Development Workshop for Heads of Departments (HoDs). The workshop was held from August 18-22, 2014. Twenty five HoDs of Islamabad, Wah, Attock and Abbottabad Campuses attended this workshop. The purpose of this workshop was to devise strategies to refresh HoDs commitment, help them expand their knowledge and skill repertoire to lead their departments to excellence by utilizing human and other resources while extending the impact of CIIT as an institution of quality education. FDA invited eminent scholars and renowned researchers from within the Institute to achieve this objective. Rector CIIT addressed the participants in the last session and explained in details the strategy, planning and guidelines for HODs to fix their priorities for optimum use of 24 hours in a day.

Professional Development Workshop for Non-Faculty Officers:

A 2-week Professional Development Workshop for non-faculty officers was organized for various campuses of CIIT in collaboration with HEC. The workshop was held from August 18-29, 2014. 31 officers from all Campuses attended the workshop. During the first week, the workshop was conducted in combined groups focusing on common topics like general awareness, personality development, office procedures and practices, noting and drafting, report



writingskills, management and capacity building etc. After the first week the officers were divided in following four groups based on nature of their jobs and their specialization: Academic Group; Finance Group; PandD Group and HR Group. Professional and specialized resource persons were invited to cater to each group's needs and help them develop their strengths and capacities.

03 Days workshop on Testing and Assessment:

This 3 days workshop was organized from September 29-October 1, 2014. 21 teachers from CIIT and some other local institutions of higher education constituted its audience. A pre-test was conducted before the commencement of the workshop. Later the participants' reflections were collected and types of test were discussed and exemplified together with their characteristics, advantages and limitations. Dr. Hameed A. Khan, H.I., S.I. a renowned Physicist, was the Chief Guest.

02 Days Workshop on Effective Writing Skills:

This workshop was organized from October 20-21, 2014. The purpose was to teach and help the trainees practice effective writing skills, conveying message in an understandable and organized way. 28 persons from CIIT and some other local institutions of higher education attended the workshop. Dr. Roudaba Shuja, Principal F-7/2 Post Graduate College for Women Islamabad, acted as a resource person. She emphasized on coherence and cohesion of the prose with examples. The trainees were given different topics along with lexical resources, word family, collocation grammar categories and relative causes. They were required to structure composed and complex sentences with Transitional words.



03 Days Workshop on Testing and Assessment:

Due to immense demand of such workshop, FDA arranged another 3 days workshop on Testing and Assessment for the faculty members of CIIT Lahore from October 29-31, 2014. Faculty members of renowned universities also participated. Course contents were selected according to the participants' needs. Item Analysis, Distracters Analysis and Item Difficulty, Test Planning together with test contents were also treated as part of the workshop. They were also taught how to measure and grade students' responses and adopt a balanced approach.

02 Days Workshop on Curriculum Designing: The workshop was organized for university teachers from November 10-11, 2014. In addition to CIIT's faculty, teachers from local universities also participated. Dr. Rauf-i-Azam, of Arid Agriculture acted as a resource person.

03 Days Strategic Development Workshop for Potential Leaders: The workshop was organized from November 12-14, 2014. It was specifically designed for senior female faculty members of CIIT Islamabad, Wah, Attock and Abbottabad campuses. Two female Associate Professors from F.G college of Home Economics; F-7/2 Islamabad also attended the workshop.

03 Days Workshop on Project Management for Universities: This workshop was organized from November 17-19, 2014. Dr. Shuja ul Islam, Assistant Professor, International Islamic University, was the resource person.

03 Days Workshop on Counseling: Building Human Strengths: The workshop was organized from November 24-26, 2014. Dr. Mumtaz Ftima Jafari, Advisor CIIT, acted as a resource person. A total of thirty persons from CIIT and some other local institutions of higher education attended the workshop. Sharing rationale of the workshop, Dr. Mumtaz introduced the concept of Counseling as a Helping Profession, its significance for teachers for effective teaching, managing class room ecology for outcome- based learning while nurturing their students to become capable, self-reliant and responsible individuals.



Workshop on Micro-Teaching: The workshop was organized on Microteaching (Theory and Practice) at CIIT Sahiwal from November 24-December 04, 2014. Dr. Abdur-Rehman Cheema, Assistant Professor, Department of Management Sciences, CIIT Islamabad acted as a resource person. Microteaching theory sessions were held from November 24-25, 2014 where the resource person delivered hands on practice of case studies of international microteaching experiences. The participants were then asked to prepare their presentations during the rest of the week. Afterwards, practicum sessions were organized from December 01-04, 2014.

03 Days Workshop on Research Methods and Techniques for Pure Sciences: The workshop was organized from December 08-10, 2014. 26 participants constituted the class including two faculty members from Peoples University of Medical and Health Sciences, Nawab Shah and five from The University of Poonch Rawalakot, AJK. Dr. Anwar Nasim, President Pakistan Academy of Sciences, Dr. Muhammad Afzal, Consultant for Health Research Monitoring

and Evaluation (free lance) and Prof. Dr. Zabta Khan Shinwari, Chairman Department of Biotechnology acted as the resource persons.

3 Days Workshop on Effective Writing Skills: The workshop was organized from December 15-17, 2014. Dr. Roudaba Shuja, a distinguished trainer of British Council Islamabad, acted as a resource person. During the second day of the workshop, MNA Mrs. Tehmina Daultana, an eminent politician, visited the workshop. Mr. Muhammad Sadiq, District Police Officer (Vehari) was the chief guest.

Workshop for Senior Faculty Members of Universities: The workshop was organized from January 26-31, 2015. This training course was designed for mid-level faculty members (Assistant/ Associate Professors) of Balochistan University of Engineering and Technology, Khuzdar. In addition, some faculty members of CIIT were also invited to attend the course.



Second Strategic Development Workshop for HoDs: FDA organized 04 days workshop from March 28 -31, 2015. Heads of Lahore, Shaiwal and Vehari campuses of CIIT participated. Besides, Chairperson of Business Administration from Sargodha University also participated in the workshop. Some of the top management of CIIT acted as resource persons.

05 Days Professional Development Workshop for Non-Faculty Members: The workshop was organized from April 13-17, 2015. It was designed to impart important skills that are essential for office work in Universities/Higher Educational Institutions for those who are working in different capacities and at different managerial levels. The main topics covered during the workshop were office procedures and practices, time management, financial management / audit in universities, workplace communication skills etc.

Seminar on Sexual Harassment: The seminar was organized on November 07, 2014. Prof. Dr. Farzana Bari, a widely-respected human rights activist and Director, Center of Excellence for Gender Studies at the Quaid-e-Azam University Islamabad was the resource person. She has been actively involved in raising awareness about crimes against women. The seminar thoroughly addressed the elements of how to prevent unacceptable behavior at workplace. This included a detailed overview of what sexual harassment is, explained legal definitions, discussed sexual harassment prevention and handling of sexual harassment complaints for maintaining a positive work environment.

5 Days Workshop on Professional Competency Enhancement at Primary School Level: The workshop was organized from April 13 -17, 2015. There were 08 teachers from Eleve School, F11 Sector, IMCG, and Pak-Turk School. The objective was to enhance their professional competencies by arousing their curiosity, passion and love for the profession. Some distinguished scholars and educationists were invited to act as resource persons. The course contents included: 'Teaching as a Profession, Classroom Management, Effective Teaching Skills at Primary School, Teaching and Assessment, Building Healthy Relationships, Interactive Teaching, Teacher as a Role Model and Building Human Strengths etc.

First GRE Preparatory Workshop: The workshop was organized from May 04-29, 2015. 07 participants attended the workshop. Mr. Adnan Hanif and Mr. Qadeer Sehti, distinguished trainers of National University of Sciences and Technology (NUST), Islamabad, acted as resource persons.



Workshop on Micro-Teaching: The workshop was organized at CIIT Abbottabad. Dr. Mumtaz F. Jafari and Mr. Khurshed Yusuf acted as the resource persons. The workshop was specifically designed into two phases for relatively young 25 faculty members coming from CIIT campuses Abbottabad, Attock and Wah. The first Phase was conducted for two days from May 18–19, 2015 sharing theme, objectives and multiple parameters influencing the quality of teaching while second phase was organized with a two-week break (June 1–3, 2015) allowing participants sufficient time to get prepared for the practicum.

Second GRE Preparatory Workshop: The workshop was organized from June 01-26, 2015. 26 participants attended the workshop. The resource persons helped them to review concepts and skills in three subject areas: (1) Quantitative Reasoning (arithmetic, algebra, geometry, data analysis, data interpretation, and word problems); (2) Verbal Reasoning (reading comprehension, text completion, and sentence equivalence); and (3) Analytical Writing Essay Tasks (analyze an issue and analyze an argument).

Pre-Service Trainings

FDA organized the following pre-service training for the new inductions during the reporting period

6th Pre-Service Training Course, February 02-27, 2015 : Realizing the vital significance of Pre-Service Training (PST) and to keep pace with modern pedagogical requirements for the new entrant teachers, FDA organized 6th PST especially for faculty members of Baluchistan University of Engineering and Technology (BUETK), Khuzdar. The participants from Khuzdar were invited on a special request from the Vice Chancellor of BUET. 21 participants attended the course. Some of the topics covered were specifically related to andragogy while some were meant to benefit the non-faculty members. The training program covered the following domains: i.) Introduction to CIIT/FDA: history and background, functioning of its various departments ii.) Andragogical Modules; iii.) Capacity Building Modules; iv.) Testing and Assessment; v.) General Knowledge Modules; vi.) Research and vii.) Micro-Teaching. The visits were paid both to local places of significance as well as to government offices.

Accomplishments Of Foreign Faculty

With the view to internationalization, CIIT administers various programs for hiring and placement of Foreign Faculty/expatriates. Some of the notable programs are as under:

- iring / Placement of International Faculty
- Short Term Foreign Faculty Hiring Program
- Visiting Scholar Program
- President's Program for Care of Highly Qualified Overseas Pakistanis

During the reporting period, international faculty have immensely contributed their expertise to enhance the Teaching and Research Environment, supervised PhD candidates and helped upgrade curriculum to international standards at CIIT. They also contributed their quality of research by publishing research papers in collaboration with the faculty members of CIIT and developed professional linkages with reputed Universities of the world. Some of the notable achievements of international faculty working in CIIT are given below:



#	Name/Department/ Campus of International Faculty	No. of Research Publication	No. Graduate Students Supervision	Other Salient Achievements
1.	Dr. Dambaru Ballab Kattel, Assistant Professor, Department of Meteorology, CIIT Islamabad	Journal (IF) Published = 2 Submitted = 1 In Process = 1 Conference Published = 2 (form of abstract)	MS=2 (one completed and one is running, some more students are in process)	<ul style="list-style-type: none"> Invited Prof. Manfred, Director of the Institute of Cartography, Technical University Dresden, Germany for the research collaboration between Department of Meteorology CIIT and Institute of Cartography, TU Dresden (MoU has already been signed). Visited the Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Beijing for the research collaboration, and long term projects. Discussion is under progress for the finalization. Delivered three interviews regarding the linking between Earthquake and climate change, Climate change and its Impacts along the Himalayan, Karakorum and the Tibetan Plateau Region and the Heat waves and Global warming at the PTV World Service Taught PhD course on Science of Climate Change Obtained Research Productivity Award-2014
2.	Prof. Dr. Mais Suleymanov, Department of Physics, CIIT Islamabad	Journal (IF) Published = 35	MS/MPhil=6 PhD=4	<ul style="list-style-type: none"> Taught 2 MS/PhD courses: <ul style="list-style-type: none"> - Neutrino Physics (Fall 2014) - Kinematics of Nuclear Reactions at high Energy (Fall 2014) Presently working on MoUs with: <ul style="list-style-type: none"> - Belarusian State University; - Azerbaijan State Pedagogical University; - Qafqaz University, Azerbaijan ; - Institute of Physics National Academy of Science, Azerbaijan
3.	Dr. Khusniddin Olimov, Associate Professor, Department of Physics, CIIT Islamabad	Journal (IF) Published = 6 Accepted = 1 Submitted = 1 In Process = 1 Conference Published = 1	PhD = 2	<ul style="list-style-type: none"> Member of Organizing Committee of Vice Chancellors Forum 2015, organized by CIIT in collaboration with HEC, MoST, OIC Actively working on initiating the Scientific and Educational Collaboration between CIIT and Belarusian HEIs
4.	Dr. Yasser MSA Al Kahraman, Assistant Professor, Department of Pharmacy, CIIT Abbottabad	Journal (IF) Published = 02 Submitted = 04 In Process = 02	MS = 01	<p>Editorial member in international journals</p> <ul style="list-style-type: none"> World Journal of Pharmaceutical Sciences International Journal of pharmacognosy and phytochemical research
5.	Dr. Shariyeh Hosseini Nasab, Assistant Professor, Department of Architecture and Design, CIIT Lahore	Journal (IF) Published = 1 Accepted = Submitted = In Process = 1 Conference Published = 1	-	-

In addition to above, the following foreign faculty visited CIIT for the short duration during the reporting period under the different programs of Higher Education Commission of Pakistan

and the Ministry of Federal Education and Professional Training, Government of Pakistan:

#	Name of Foreign Visitor	Department Visited	Purpose /outcome of Visit
1.	Prof. Dr. M. Rafique Mughal, South Asian Archeology and International Heritage Management, Department of Archeology, University of Boston USA	Department of Archeology, CIIT Sahiwal. From December 12, 2014 to April 27, 2015	<ul style="list-style-type: none"> Conducted and organized series of workshop, exploration, preservation and conservation of ancient heritage of Pakistan with special emphasis on Harrapa.
2.	Arch. Nida Rehman, Assistant Professor, Department of Architecture, Pennsylvania State University, USA.	Department of Architecture and Design, CIIT Lahore. From June 22 to July 06, 2015	<ul style="list-style-type: none"> Conducted two weeks design research workshop on redrawing Lahore and developed curriculum for architecture particularly within the advance studios.
3.	Prof. Dr. Raziq Yaqub, Director Technical Training, NIKSUM, Inc., Princeton, USA	Department of Electrical Engineering, CIIT Islamabad. From May 11-22, 2015	<ul style="list-style-type: none"> Conducted workshops on Smart Grid, LTE Technologies, Entrepreneurship and Small Business, Patent Writing Conducted a session with the faculty on funding opportunities for 5G Panel discussion to mitigate energy crisis in Pakistan and Cyber security for Pakistan.
4.	Dr. Ashiq Anjum Professor and Reader, School of Computing and Mathematics, University of Derby, UK	Department of Biosciences, CIIT Sahiwal. From August 22 to September 05, 2015	<ul style="list-style-type: none"> Established connection for subscribing to Elixir node at its CIIT Sahiwal campus to introduce Elixir Node in Pakistan for the first time. Started Mega project to produce big omic data lab at CIIT Sahiwal through active collaboration with international players in Bioinformatics.
5.	Prof. Dr. Manfred Ferdinand Buchroithner, Director Institute for Cartography and Remote Sensing, Technical University, Dresden, Germany.	Department of Meteorology, CIIT Islamabad. From April 26 to May 09, 2015	<ul style="list-style-type: none"> Series of academic lectures on Geodata Visualization, Detailed – scale mapping of soil moisture and landslide – proneness using space borne sensors, potentially dangerous glacial lakes in the northern Tian Shan and Glacial lake threatening oldest monastery of west Nepal. Dr. Manfred helped establish a collaborative agreement with TU Dresden under which Faculty of Meteorology will attend advanced courses at TU Dresden, Germany.
6.	Prof. Jawaid Haider, Department of Architecture, Pennsylvania State University, USA.	Department of Architecture and Design, CIIT Lahore From July 10 to July 25, 2014	<ul style="list-style-type: none"> Being a part of External Advisor Board of Department of Architecture and Design has updated the Curricula of B-Arch program. Catalyzed the transition to a center of excellence in architecture by providing mentorship, advice and guidelines.



5 ACCESS

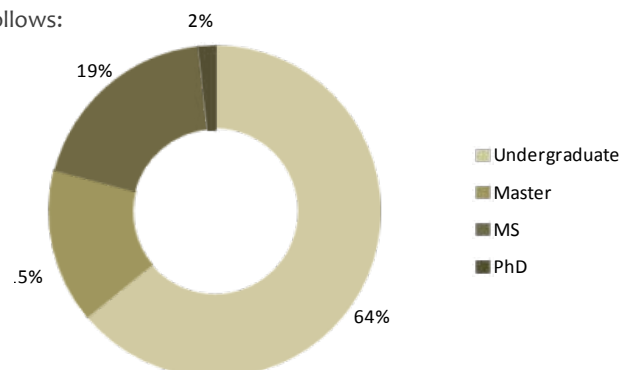
Student Enrollment

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 37,573. The Virtual

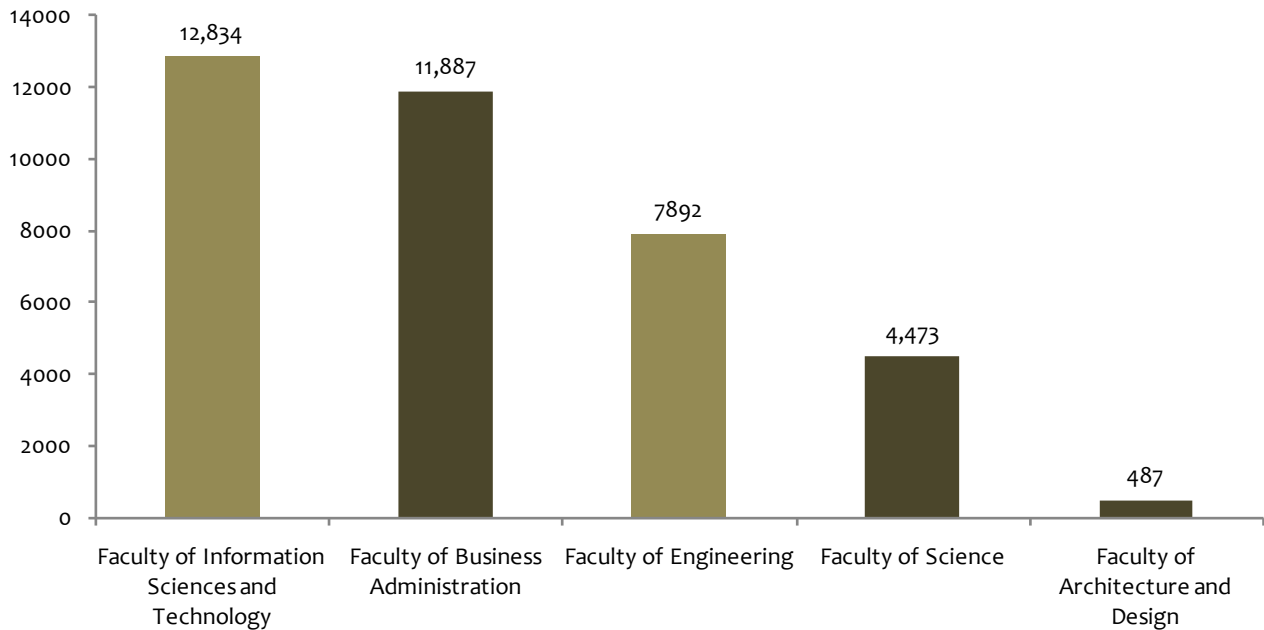
Campus led with 9,041 students followed by Islamabad campus with 7,911 students. The intake during the reporting period at CIIT campuses is tabulated below:

Campuses	Students Intake		
	Fall 2014	Spring 2015	Total
Islamabad	1,324	1,373	2,697
Abbottabad	1,175	886	2,061
Wah	801	421	1,222
Lahore	1,197	608	1,805
Attock	481	260	741
Sahiwal	758	758	1,516
Vehari	639	606	1,245
Virtual Campus	2,712	1,874	4,586
Total	9,087	6,786	15,873

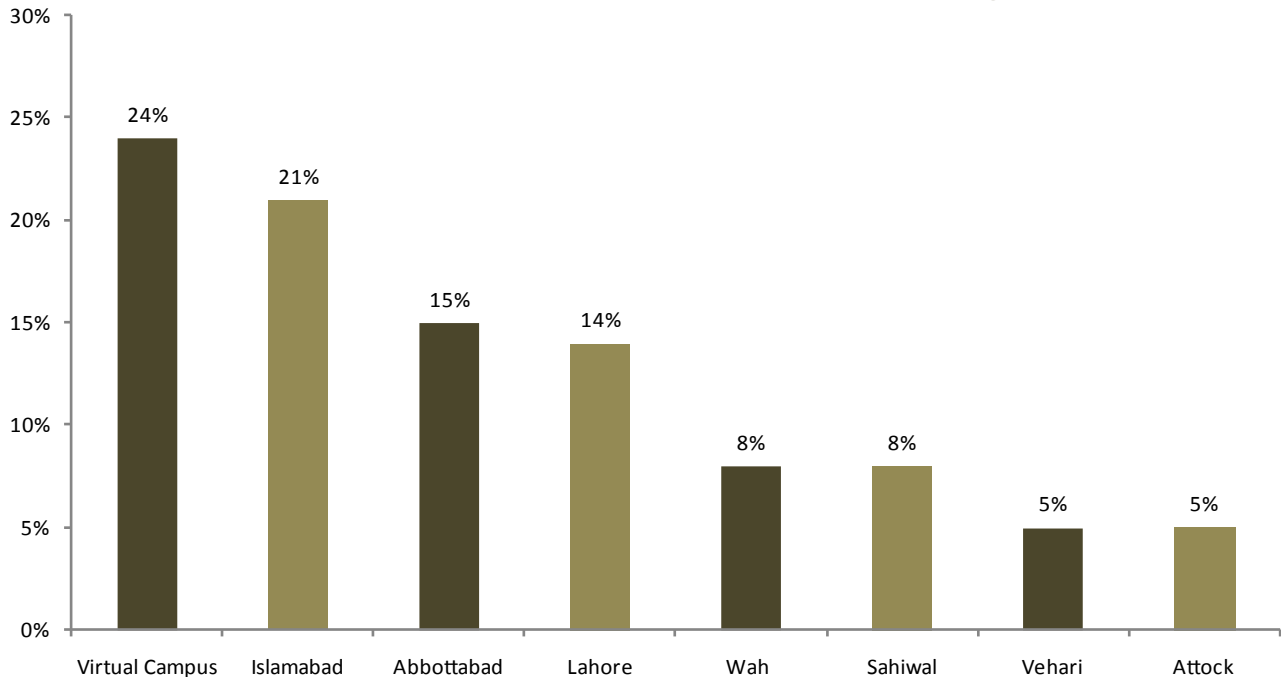
The degree-wise student enrollment is as follows:



The detail of student enrollment in the 05 faculties as on June 30, 2015 is as follows:



Campus-Wise Student Enrollment Percentages



Equity

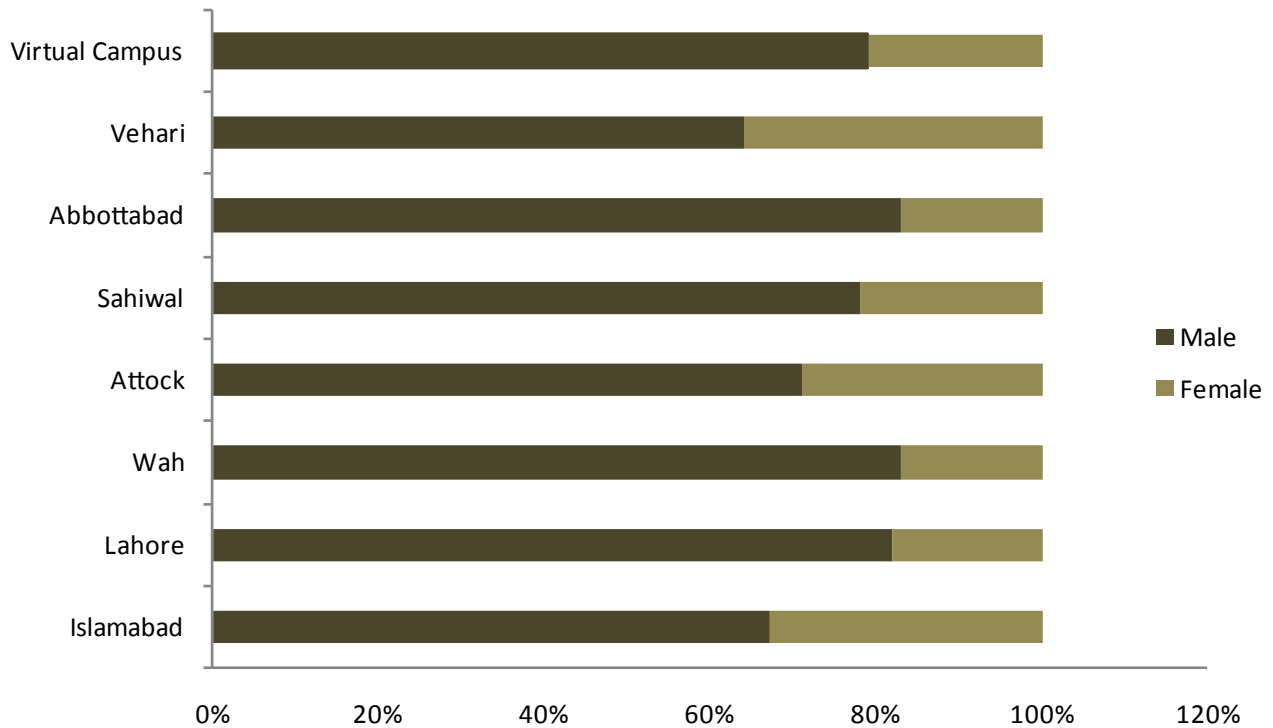
According to its charter, CIIT is an open merit Institute with equal opportunities to all notwithstanding their gender, religion, race, creed, color or domicile provided if they academically qualify for admission to the courses of study

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

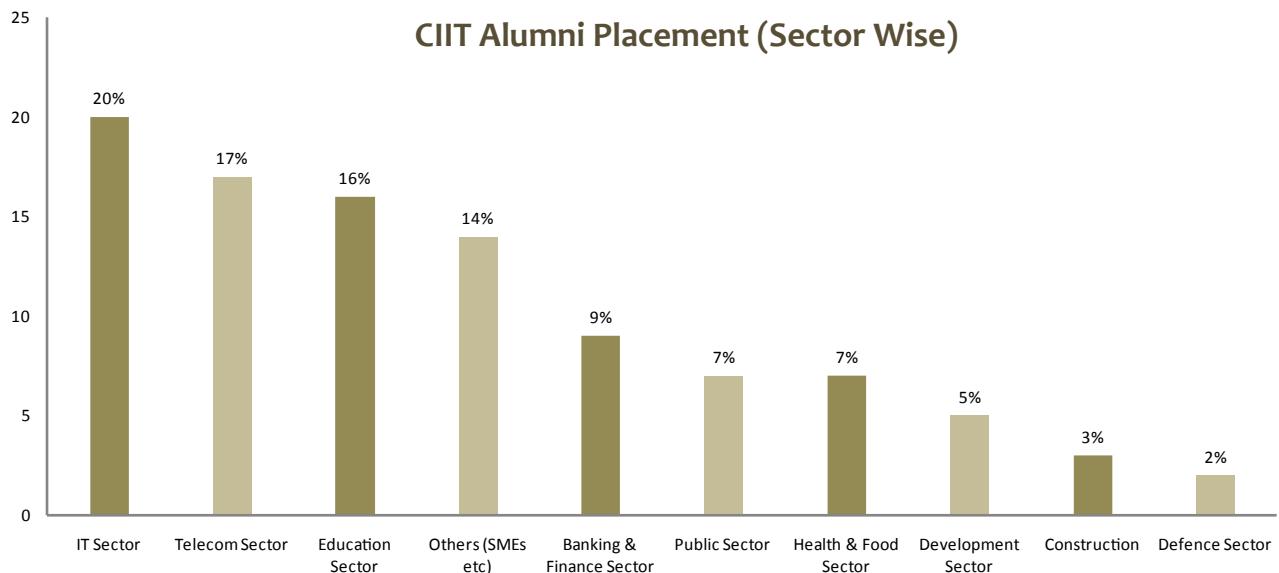
Similarly there is no gender discrimination at CIIT as stated above. During the reporting period, the males and females studying at CIIT were 77% and 23% respectively. The percentage

of male, female students at Islamabad campus is 67% and 33%, at Abbottabad 83% and 17%, and at Lahore campus is 82% and 18%.



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 2014-15 is as below:



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 1:12.



The World Beyond 2015: Is Higher Education Ready?

Wednesday 10 September 2014

Islamabad, Pakistan



UNITED NATIONS



6 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:

Industrial Liaison Cell: The Department of Computer Science, CIIT Islamabad established an Industrial Liaison Cell in Spring 2015. The cell acts as a direct interface between the Industry and the department of Computer Science. The cell has established successful relationships within the industry for collaborations including research projects, industrial partners for undergraduate and MS projects as well as student placement. The cell also facilitates the department regarding decision-making that pertains to industry and provide feedback.

In this regard, connections have been established with the industrial companies for Internships and Job Placements. It has conducted student orientation session to facilitate the students to take their entrepreneurial ventures. It has also conducted Job Interviews, Job Screening Test, Workshops, Seminars, Boot Camps and an Open House during Spring 2015 for showcasing students projects in front of the Software Industry.

Industrial Liaison Committee: Department of Electrical Engineering, CIIT Lahore formed an independent committee named Industrial Liaison Committee for looking after affairs related to academic-industry linkages. It conducts activities that strengthen ties between academia and industry. The purpose of the committee is to ensure that students learn the best of industrial standards and practices directly from industry. It plays its part to provide students with skills that are required by local and international industry. All tasks carried out or activities planned are in spirit to provide mutual benefit to students and industrial representatives. During the reporting period, the committee conducted following activities:

#	Industry Name	Date
1.	Meeting with Kohinoor Mills Lahore	November 01, 2014
2.	Meeting with Pak Electron Limited	December 06, 2014
3.	Meeting with Orient Energies	May 28, 2015
Industrial Open House		
4.	Second Engineering Open House EE Department CIIT Lahore	February 12, 2015

Business/Technology Incubation Center

The establishment of Business Incubation Center (BIC) at CIIT Islamabad in April 2010 was an HEC and CIIT sponsored project costing Rs. 56.8 million. An agreement was signed between CIIT and the Auriga Group for establishing the Center. Its infrastructure consists of two parts. The first, a civil structure containing facilities for entrepreneurs and second the trained human resource to provide and manage state of the art facilities to the faculty and the entrepreneurs in this field.

During the reporting period, BIC conducted the following activities:

Idea 2 Startup Labs (i2s labs), COMSATS Students Based Entrepreneurial Eco-System: In academic settings, entrepreneurship ecosystems commonly refer to programs within a university that focus on the development of entrepreneurs and/or the commercialization of technology or intellectual property developed at the university level. Entrepreneurship and innovation are increasingly viewed as key contributors to global economic and social development. University-based entrepreneurship ecosystems provide a supportive context in which entrepreneurship and innovation can thrive. In the same spirit Idea2startup labs were established at BIC in June 2015. The main objective of i2s labs is to build a “pipeline” between CIIT academic departments and cubator1ne to ensure a constant stream of highly innovative and enthusiastic entrepreneurs.

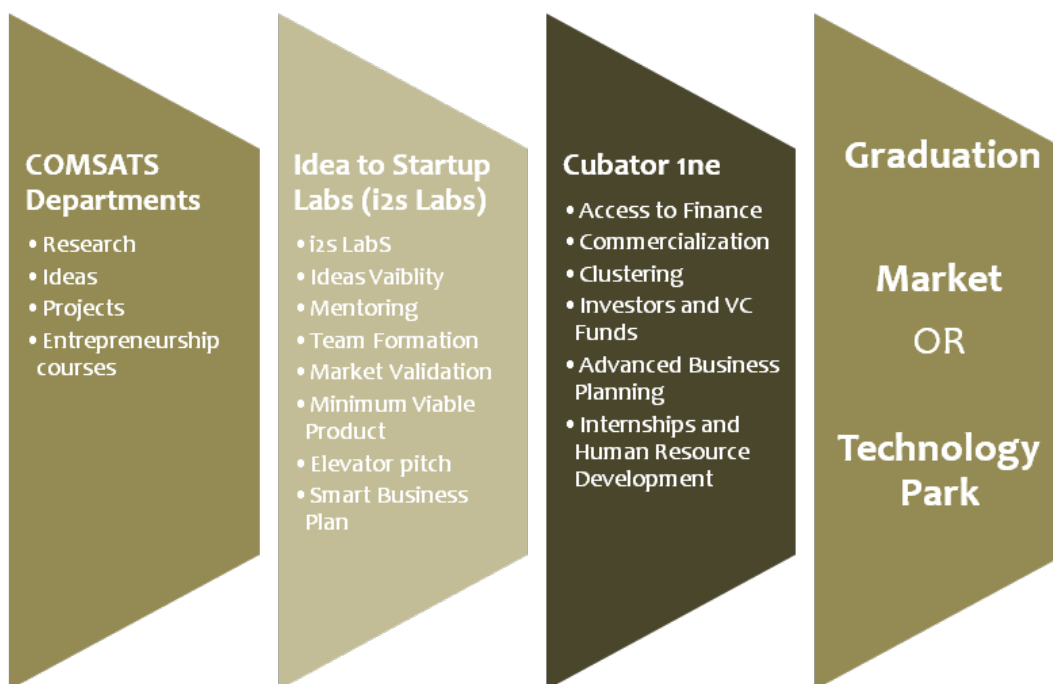
Pre Startup Program at Idea to Startup Labs (i2s Labs): Pre-startup is an essential phase for any start-up that wants to succeed. Entrepreneurs who are in the exploration stage of their business ideas, or even entrepreneurs with ready products but have yet to validate their ideas can benefit from

going through pre-startup program. The main objective of the pre-startup program is to support entrepreneurs in transforming their ideas into startup companies with marketable finished products and smart business plan. The main contribution from the pre-startup program is that it will immensely improve the strength and survival capability of those companies entering the startup process. The pre-startup program addresses these main objectives:

- Product validation- market validation
- Team development
- A duly approved coherent smart business plan
- A product/service ready to be offered to the market (validated prototype).
- Elevator pitch



Different Pre-Startup Teams working in BIC i2s Labs include ETA TECHNOVATIONS, Mondo Solutions, CodeDigita, Home in Hand (HandH), and Augmented Reality App.



Students Based Startups Pipeline from CIIT to Cubator1ne (C2C)

Bic Mentorship Program

BIC's Mentorship Program launched in June 2015 introduces CIIT alumni, entrepreneurs, domain experts, and investors to pre-startups from the Business Incubation Center. The mentorship experience is an opportunity to strengthen the startup ecosystem within CIIT by increasing collaboration and building relationships. In addition to helping CIIT, mentorship grows the Pakistan's economy by helping startups become successful businesses. The BIC's pre-startups and Cubator's companies are building new products and technologies to solve problems new. By joining the program, mentors get a firsthand look at some of the newest technologies coming out of the CIIT's startup ecosystem. The program is structured around the needs of each company with interaction schedule and breadth tailored to the particular needs outlined by the startups and the schedule of the mentor. The incubator facilitates the mentor-company relationship but the relationship and goals are driven by the startup.

Coordination with Faculty for Marketable Projects/R&D:

All the faculty members of CIIT are contacted regularly for their marketable RandD and Projects. They are also informed about the work done for faculty incentives and protection of their IP Rights, and is provided the support of an IT Office as well. The website was also developed for for izs Labs in May 2015.

Graduated Companies: During the reporting period, the following companies successfully graduated from BIC after completion of incubation period:

- Intesol (Pvt) Ltd
- Ranic Automations (Pvt) Ltd
- Centangle (Pvt) Ltd
- AAMSON Technologies (Pvt) Ltd
- Agilitron (Pvt) Ltd
- Classmate (Pvt) Ltd
- Infoassure Technologies (Pvt.) Ltd
- GreenTech Energy Solutions Ltd
- PSYTAG (Pvt.) Ltd

Izs Labs Presentation Session: The main objective of izs (idea2startup) Labs pre-startup program is to support and provide a platform for the graduates/students of CIIT to transform their ideas/projects into startup companies with marketable finished product and smart business plan.

Pre-selected teams have presented their ideas/ products/ services in presentation session at BIC, CIIT Islamabad on June 30, 2015. Mr. Mushahid Hussain, Co-founder and Head of Products at Centangle (Pvt) Ltd, Haseeb Farooq CEO at Spears and Atif Abdul Majeed, Chief Marketing Officer Cubatorne participated in the event as judges. Dr. Mirza Mansoor Beg, Project Director Business Incubation Center, Mr. Ahsen Mirza, Project Director Cubatorne and many other experts from university and industry attended the event.

09 groups were pre-selected in initial screening process and presented their ideas/products/services in izs Labs presentation session.

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.

Mission Statement: CUBATOR 1ne's mission is to encourage and accelerate the creation of innovative businesses and jobs in CIIT fraternity. We intend to become a hub for CIIT start-ups and provide value-added services required to support the incubated companies' success. We help the start-up companies gain access to the best available mentors, training, high-tech labs, professional assistance, capital and other value added services that will move them onto the fast track to success. By fulfilling our mission, we contribute to successful enterprise and job creation for the region and improved structure for technology commercialization for CIIT.

Vision: Our vision is to be 'the First choice' of bright and promising entrepreneurs in the region.

Objectives: The primary objectives of CUBATOR 1NE are:

- Create new start-ups comprising CIIT students, faculty and alumni
- Create internship opportunities for CIIT students
- Leverage CIIT's research and professional expertise
- Create job opportunities in the region
- Reduce barriers to entry for enthusiastic entrepreneurs with bright ideas and high energy
- Boost a culture of entrepreneurship among CIIT fraternity
- Aligning the objectives with CIIT's, HEC's and Government of Pakistan's vision to help create a knowledge-based economy in Pakistan
- Create a strong infrastructure for technology transfer in CIIT by developing an entrepreneurial eco-system

List of Cubatee: Following is the list of companies which were incubated during the reporting period:

#	Company's Name	Starting Date
1	Environmental Architecture and ID	September 15, 2014
2	Particles	September 15, 2014
3	Endowment Fund	October 01, 2015
4	CU Press	October 01, 2014
5	Grovelet	November 10, 2014
6	Wanclouds	December 03, 2014
7	Pesto labs Pvt Limited	January 10, 2015
8	EESINT	January 15, 2015
9	Inewty	February 01, 2015
10	TYPEUX	February 01, 2015
11	COREEES	February 01, 2015
12	INIT	March 01, 2015
13	Call box	March 01, 2015
14	Expert Vision	March 01, 2015
15	OBES	April 29, 2015
16	Inven	June 01, 2015

Graduated Companies: Following companies graduated from Cubator1 during the reporting period:

#	NAME	STARTING DATE	DATE GRADUATED
1	Spearas	September 15, 2014	March 31, 2015
2	Brand Events	November 21, 2014	January 31, 2015
3	Quick Patch Solutions	December 16, 2014	March 31, 2015
4	Your Partner Technologies	January 01, 2015	March 31, 2015
5	D4 Interactive	February 01, 2015	April 30, 2015
6	Smart Sense	February 01, 2015	August 01, 2015

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 Professional Development: The workshop was conducted on November 19, 2014. The workshop focused on communication skills and was followed by a counseling session.

Workshop on Professional Development for Department of Computer Science: The workshop was held on January 23, 2015 and was attended by 100 participants. Rehmat Wali Khan SAAR HRDC, was the resource person. The main topics covered included how to write effective resume, how to prepare for effective interview, Job search strategies, and use of Internet and social media in job search.

Mock Interview Session for Computer Science Graduating Students: The session was conducted on February 11, 2015. It was specifically designed for Department of Computer Science graduating students with the aim to clarify their responses and provide them constructive feedback. The same pattern session was conducted on March 03, 2015 for Department of Electrical Engineering students. Companies like Telenor, Zong, PTCL, BCIE, etc. participated in the event. 50 CVs were collected for future Human Resource requirement.

Visit to PTCL Academy: The visit was arranged on March 11, 2015 with the aim to introduce the students with real working environment and to go through different facilities/ services in order to understand the working process of the organization.

Workshop on Capacity Building: The workshop was conducted on March 12, 2015. Mr. Qasim Malik from SNL Financials, Pakistan was the resource person. More than 200 students participated in the workshop.

Internship Campaign with Phillip Morris Pakistan: 1 hour paid internship drive for students was conducted on March 24, 2015. They were advised to apply online for the assessment of the internship. This internship will lead them towards permanent placements. 02 students were selected.

Drupal Camp: A full day Drupal learning opportunity for selected students of Department of Computer Science and Electrical Engineering was arranged on April 19, 2015. The event was sponsored by DRUPAL. Various companies HR and technical teams were there to facilitate the students during the drive.

Recruitment Drive: One hour recruitment test was conducted by Nayatel Pakistan Pvt Ltd on April 22, 2015. Selective students from Departments of Electrical Engineering, Computer Science and Physics participated in the test.

Telenor–Djuice Opportunity Program: Ideas sharing and registration campaign was conducted by the cooperation of Telenor Pakistan on May 14, 2015.

Meeting with Meezan Bank: As part of Industry-Academia Linkages Program, 04 members committee visited Meezan Bank on May 18, 2015 for enhancing mutual cooperation and finding Internships and placement opportunities for our various department students. A similar visit was made to Nayatel on June 16, 2015.

Nayatel Ambassador Program: Ambassador Program was launched by Nayatel on May 19, 2015 for selection of CIIT Management Sciences graduates and to engage them in marketing activities so that they will be able to get some real time working exposure.

Entrepreneurship Talk: This lecturer was arranged for Management Sciences entrepreneurship class students on May 20, 2015. Mr. Wahaj us Siraj (CEO) Nayatel was the resource person and chief guest for this session.

Workshop on Interviewing Skills: This session was specially arranged for Management Sciences graduating students on May 21, 2015. Mr. Naveed Aftab Ahmed, Ex-Director Pakistan Tobacco Company was the resource person.

Workshop on Communication Skills and Interviewing Skills: This capacity building session was arranged for Department of Biosciences graduating students on June 04, 2015 to brush up their communication and interviewing skills. Mr. Ali Raza Naimati, from Bank Al-Falah Pakistan was the resource person for this session.

It is a matter of great pride and joy that the HUAWEI internship program arranged by Department of Management Sciences and Department of Electrical Engineering, CIIT Abbottabad was a great success. 22 students in total were selected to start their bright professional career right after the end of their academic career.

PEC job fare was held on June 03, 2015 under the management of Pakistan Engineering Council KPK chapter. CIIT Abbottabad participated in the fare to find job opportunity for CIIT alumni/students. Students were also counseled for CV writing and how to dress up for success.



Departmental committee of Industrial Linkage at CIIT Attock helps the students in placement of internship. In summer 2015, 300 letters were written to different organizations by for placement of internship. Most of them got internships in reputable organizations.

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

Student Counseling and Career Guidance

A series of seminars was conducted at all CIIT Islamabad, Abbottabad, Wah, Lahore, Attock, and Sahiwal during April 2015 in which a presentation was delivered to students on career counseling by Syed Abidi, Career Counselor and Motivator, Columnist, Daily Jang and the News. Students were informed about the emerging subject areas and variety of scholarships available to pursue higher studies abroad.

Students at CIIT Wah approach the Office of Development (OoD) for sharing their educational/ personal problems. The OoD also provides them the suggestions of their future prospective.

Students of Department of Electrical Engineering were formally counseled by arranging specific workshop for them on June 02, 2015. Mr. Shahid Akram, Manager HR, Kohinoor Textile conducted an interactive session with students describing essential elements at entry level.







7 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 of CIIT. Until the end of financial year viz FY 2014-15, CIIT has successfully completed 32

projects (Annexure B) having capital cost of Rs. 3526.067 million.

For the FY 2014-15 the Government of Pakistan allocated Rs. 735.002 million for eight (08) development projects of CIIT.



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 Qaid Avenue Wah Cantt on 3.5 acres land. In 2012 the academic facilities were enhanced by acquiring 12 acres of land contiguous to existing building on G.T Road. The campus has also acquired 20 acres land near Brahma Bahtar Interchange on Motorway (M-1) to meet the future academic requirements. Laboratories established in new campus building.	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 52 acres. A new block has been completed.
Classrooms	74	57	40	60	28	33	30
Laboratories	55	79	33	64	15	18	12
Library Holdings	52,524 books, 45 journals, 7,133 CDs	28,600 books, 20 journals	19,000 books, 20 journals	25,673 books, 16 International journals/magazines, 46 National journals/magazines	7,716 books, 14 journals	10,750 books and 07 journals	6,000 books, 300 CDs, 03 journals/magazines
Hostel Facility for students	592 (296 male and 296 female)	856 (676 male and 180 female)	620 (550 male and 70 female)	1,087 (711 male and 376 female)	412 (350 male and 62 female)	315 (225 male and 90 female)	102 (72 male and 30 female)
Digital Library	32,000 Online Journals and 80,000 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. 50,000 sq. ft.
Total covered area:	Approx. 31,500 Sq. ft.
No. of Lecture Recording Studios:	04
No. of Call Center	01
Affiliated Active Study Centers:	140
No. of Labs:	02
Publishing/Copying Lab:	01
No. of computers in labs(Recording/Publishing/Editing):	35
No. of desktops computers for faculty and staff	70
Laptops	27
Digital Courseware in Online/offline archive	12 Degree Programs
Courses Created/Available to date	325
Approx. Size of Digital Intellectual Content (Video lectures, textual academic material)	Over 10000 Gigabyte
Soft Copy material	Over 5000 (32 Gigabyte) USB drives sent to students, 7000 DVDs sent to students and Study centers with academic contents.
Transport Facility:	05 Cars 02 Van 800 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 2014-15, there were 08 ongoing projects of CIIT for which Rs. 735.002 million have been allocated by the Government. Out of these 08 projects, 05 were for strengthening the physical infrastructure. The complete list of all on-going projects is given in Annexure C.

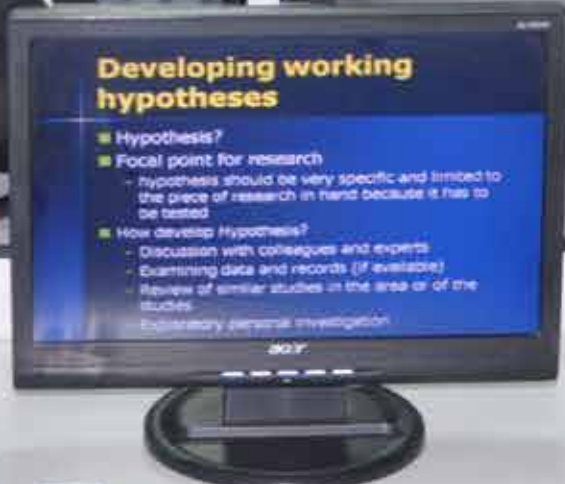
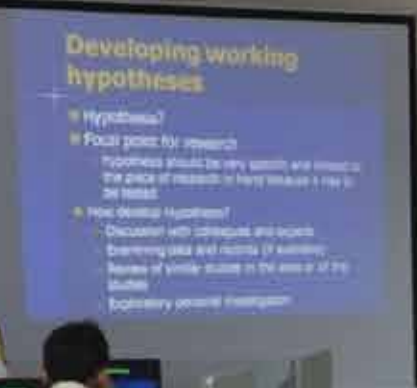


Research Equipment

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	65	19,885,123.67/-
2	Abbottabad	90	31,255,508.21/-
3	Lahore	77	31,409,511/-
4	Vehari	11	4,246,366/-
Total		243	86,796,508.88



Developing working hypotheses

- Hypothesis?
- Focal point for research
 - Hypothesis should be very specific and limited to the piece of research in hand because it has to be tested
- How develop Hypothesis?
 - Discussion with colleagues and experts
 - Examining data and records (if available)
 - Review of similar studies in the area or of the studies
 - Exploratory personal investigation

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TOPCIN



8 Strengthening Technological Infrastructure

Digital Library

The Library and Information Services at CIIT aim to support the teaching and academic work by assisting and providing, information, books, periodicals, research journals, newspapers, audio visual, and research information materials to the students, faculty and staff. In today's electronic and technological era, the significance of a digital library cannot be undermined.

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 within and outside the campus through IP address and Virtual Private Network (VPN) respectively.

E-Library

CIIT Islamabad library has also developed its own e-Books Library. The library is being updated continuously by downloading e-books on various subjects from different free/subscribed databases. The total number of e-books currently available is around 10,000. The CIIT e-library can be accessed through http://ww3.comsats.edu.pk/library/ciit_elibrary

Besides, 80,000 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, 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.

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 through video conferencing.

Due to the increasing number of IT users, the IT infrastructure at CIIT Islamabad has been enhanced and in this regard during 2014-2015, PERN speed has been increased up to 250Mbps.

CIIT Lahore also took the internet services from PERN under the bandwidth of 500 Mbps per month.

Currently, 16 Mbps band width is being provided to CIIT Attock from PERN.

All other campuses are using the PERN facility at same speed as of last year that is Abbottabad 01 Gbps, and Wah 22 Mbps.

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.

Video conferencing facility is available at all CIIT campuses with varying seating capacity.

Campus Management Solution (CMS)

CIIT approved IT policy in 2014 to stream line its services and processes in all campuses of the organization:

- To boost infrastructure of IT systems, new servers were procured to employ latest technology in terms of hardware and software to CIIT country wide Academics and Students community.

- Various services of CUOnline were integrated to function in a cohesive manner for all Campuses. In 2014-15 Scheme of Study Portal at Registrar Office was put online and all campuses linked with this central server to offer courses as per approved scheme of studies directly from Registrar Office. It is an ongoing activity.

Online Admission System

A new robust Admissions System which offers various new features including online integration support to several other systems is now fully operational at CIIT. During Fall 2014 admission campaign, 34,955 candidates submitted applications through the online admission web portal and during Spring 2015, the number was 37,309. The campus-wise breakdown of the submitted applications through Online Admission System during the reporting period is tabulated below:

#	Campuses	Fall 2014	Spring 2015	Total Online Applications Submitted
		Online applications submitted		
1	Islamabad	13,251	13,828	27,079
2	Abbottabad	5,075	4,775	9,850
3	Lahore	7,950	9,171	17,121
4	Vehari	1,042	1,294	2,336
5	Sahiwal	3,056	2,657	5,713
6	Attock	514	1,557	2,071
7	Wah	4,067	4,027	8,094
Total		34,955	37,309	72,264

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.

Contract with Mir Pure University of Science and Technology (MUST), AJK

A contract was secured with MUST on April 17, 2015 to automate its academic processes. Under contract CUOnline will deploy all major systems to automate university processes as per rules, regulations and desired flow of system at Mir Pure University.

Contract with Gulam Ishaq Khan Institute (GIK)

Another contract was secured with GIK on May 21, 2015 to automate its academic processes. Under contract CUOnline will deploy all major systems to automate university processes as per rules, regulations and desired flow of system at GIK. All legacy and current data of the university will also be migrated to CMS as well.



9 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:

The Independence Day was celebrated in a befitting manner at CIIT Abbottabad on August 14, 2014. The entire campus was decorated with lights and bunting. It was attended by faculty, staff, students and the families of faculty and staff. The proceedings started with the recitation from the Holy Quran followed by flag hoisting. There was a march past of the security staff to salute the national flag. The students sang milli naghmas, the faculty members delivered speeches highlighting the importance of the day. There was a festive mood and everybody seemed to be enjoying the occasion. The purpose of celebrating this day to keep our students rooted with their history.

A group of World Vision students celebrated International Literacy Day on September 10, 2014. World Vision is effectively working in the region to endorse education, health and other related issues in the society. Students from Department of Biotechnology and Environmental Sciences, CIIT Abbottabad attended the seminar. Miss Amina Sardar, MPA graced the event as chief guest. In-charge, World Vision briefed the audience about their

ongoing activities in the northern areas. A theatrical play was also presented based on importance of education and role of society members in it.

4th UMRH Funds Draws Ceremony was held on September 12, 2014 at CIIT Abbottabad. This is a regular scheme which provides deserving employees with opportunities to perform this religious ritual. 22 employees of CIIT Abbottabad were selected.

Eid Gifts Distribution Ceremony for Pakistan Sweet Home Children was held on October 03, 2014 at CIIT Abbottabad. The Children were warmly welcomed by Engr. Mohammad Shoaib, Project Director Pakistan Sweet Home. 100 orphans residing in Pakistan Sweet Home situated in Abbottabad are being looked after by CIIT Abbottabad. They were accompanied by their teachers, mothers and relatives. CIIT Abbottabad feels delighted to own these children and is putting in all efforts to make them useful citizens of Pakistan by providing them quality



education and inculcating good moral values in them. CIIT Abbottabad has recently adopted one more child under this project. Gifts were then distributed among the children.

Realizing the fact that although trees are a lifeline for sustainability, our natural environment is deteriorating at a fast pace because of deforestation and the only way to salvage the environment is by taking the responsibility. 'COMSATS Lahore Humanitarian Society' organized an event 'Project Plant it!' on November 06, 2014. This event was organized under 'COMSATS Environmental League' which is the part of Civic Engagement Program. Around 130 Conacarpus trees were planted in the campus vicinity by students and faculty. The Objective of this mass plantation was to create awareness and educate students regarding the significance of 'Trees' as crucial part of a healthy and stable environment.

A group of students, faculty and staff of the Department of Civil Engineering, CIIT Abbottabad along with the Campus Director, did voluntary work at a local Primary School for girls on November 29, 2014. The group carried out the following activities:

- Painting of black boards
- Fixing of tube lights and fans in the classrooms
- Cleaning of playgrounds
- Demolishing of disused wash rooms and clear space for reconstruction
- Clearing sports ground and stacking reusable material



Health Awareness Society, CIIT Sahiwal and Shaukat Khanum Memorial Hospital and Research Center organized an awareness session on December 2, 2014 at CIIT Sahiwal in which, expert doctors educated the female audience about the reasons of breast cancer in Asia and its prevention. The session concluded with short presentation and a question and answer session.

An International Anti-Corruption day is observed all over the world on December 09 every year. Activities regarding World Anti-Corruption day were organized at all CIIT campuses during December 2014. The activities included walks, poster competition, display of slogans, debate competition etc.

Pakistan Red Crescent Society organized a blood

donation camp at CIIT Islamabad from January 19-20, 2015 in which 59 units were donated whereas another camp was organized on May 28, 2015 and June 01, 2015 in which 66 units were donated.

Climate change is one of the greatest threats to the human kind. It has profound effects on food, health, energy consumption and other socio-economic aspects. Trees, wood and forests can provide part of solution to face climate change and planting new trees is an attractive way to mitigate climate change. Tree Plantation can also help society to adapt and resist the changing climate. Faculty and students from the Department of Environmental Sciences joined hands with the Forest Department of the Khyber Pakhtunkhwa government in Spring Planting Campaign at CIIT Abbottabad on February 27, 2015. Divisional Forest Officer Mr. Azher Ali Khan and his team launched the campaign by planting a sapling. CIIT has always been on the forefront in community services and matters of national interests. And this time too as a gesture of good will CIIT did not miss the opportunity and ensured its maximum representation by actively participating in this noble task.

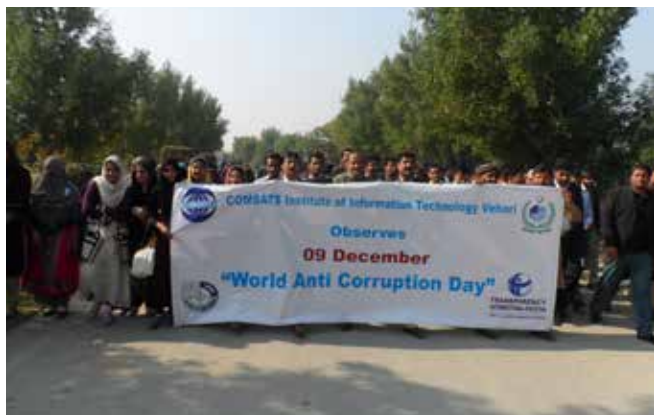
Faculty members from Department of Biosciences, CIIT Islamabad participated in a Walk against Corruption at President House in March 2015 for public awareness and promoting a corruption free Pakistan. The campaign was attended by faculty members of different public and private sector universities and HEC's Learning and Development Staff.

CDC, CIIT Islamabad organized a seminar on Role of Youth in Combating Corruption on March 10, 2015. The seminar was sponsored by Transparency International Pakistan. General (Retd.) Ovais Mushtaq Qureshi, was the resource person for this seminar.



The Wildlife Department Khyber Pakhtunkhwa is implementing several activities for conservation of wildlife in the province. One of the initiatives is promoting conservation education and awareness for sensitization of general masses and students at the grass root level through formal and informal approaches. Realizing the need to sensitize the students at University and colleges, a campaign was initiated to deliver special lectures throughout the province in various institutes. Therefore, joining hands in the efforts of conservation, Department

of Development Studies, CIIT Abbottabad organized a seminar in collaboration with the Wildlife department of the Khyber Pakhtunkhwa for awareness raising regarding Wildlife Conservation on March 25, 2015. DFO Wildlife extension Mr. Niaz Khan was the guest speaker at the occasion.



Health Awareness Society in collaboration with Department of Electrical Engineering, CIIT Sahiwal arranged a seminar on Cancer Awareness, Prevention and Diagnosis on April 01, 2015. Prof. Dr. Chaudhary Abdul Wahid, M.D, R.Ph (USA), a renowned Medical Doctor and Pharmacist by profession, was the guest speaker.

A one day workshop on Safe Prescribing Practices was organized by Department of Pharmacy, CIIT Abbottabad on May 25, 2015 to create awareness about this issue. Dr. Hadar Zaman from School of Pharmacy, University of Bradford, UK was the guest speaker of the event. He delivered a talk focusing on role of pharmacist in molecule choice and making patient centered therapy in both hospitalized and out-door patients. The workshop focused on safe drug therapy in a broad population, highlighting key role of pharmacist in bridging the gap of knowledge from disease to patient centered therapy, minimizing cost, duration, acceptance of therapy, lowering hospitalization and minimizing drug induced toxicities.

To build strong and purposeful interaction with community, the Department of Electrical Engineering, CIIT Lahore designated activities to Civic Engagement Program (CEP). CEP conducts activities that allow students to interact with society to work for civic cause.

- CEP visited Shaukat Khanum Memorial Cancer Hospital and Research Center in September 2014 to spend time with patients and making their day bright. Students

gave gifts to patients and spent complete day with them.

- During floods in September 2014, CEP raised Rs. 83,121 to help support community in need. The students went to flood affected areas and distributed quilts among affectees.
- CEP organized a visit to Welfare Higher Secondary School, (Girls) Defence Road, Lahore on May 28, 2015. The purpose of organizing a visit to school was to motivate young students to pursue further education and in what ways a university provides professional education. Team CEP presented a short documentary on topic related to technology and interacted with students.

Alumni Affairs and Achievements

Following activities were carried out by CIIT involving alumni during the reporting period:

- An alumni dinner was arranged on November 08, 2014 by Department of Management Sciences, CIIT Islamabad. The graduates were excited to meet their former class fellows and their course instructors and exchange professional and personal experiences.
- CIIT Abbottabad organized Alumni Reunion on March 14, 2015. A large number of graduated students attended the event. Event comprised a series of activities including tribute to deceased Alumni, campus updates, interaction of the last semester students with the alumni, visit of Alumni round the campus and stage activities etc.
- Department of Management Sciences, CIIT Attock organized very first Alumni get to gather on April 06, 2015 in which almost 200 hundred alumni participated.







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 18 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 2014 (October 18-26, 2014) and Spring 2015 (March 21-29, 2015) at CIIT Islamabad as a continuing tradition. Inter-departmental competitions were organized for the sports like Badminton, Basketball, Chess, Cricket, Table Tennis, Volleyball, Tug of War. Department of Electrical Engineering was declared the winner in Fall 2014 by securing 250 points, while Department of Management Sciences remained runner up with 195 points. In Spring

2015, Department of Electrical Engineering lifted the trophy by securing 200 points and was declared the champion of the event whereas Department of Computer Science was runner up by 165 points.

A 3 on 3 Basketball Tournament was organized by the IDEA society, CIIT Islamabad from March 31-April 02, 2015. The three days event was held at CIIT Sports Complex.

CIIT Abbottabad also organized two Students' Weeks during the reporting period. The interdepartmental sports organized during these weeks included Cricket, Football, Volleyball, Badminton, Basketball, Squash, and Table Tennis.



CIIT Wah also organized inter-departmental Volleyball, Football, Basketball, Badminton, Table Tennis, Cricket, and Squash competitions during the students' weeks.

CIIT Lahore also arranged two students' week during the reporting period. During both weeks, interdepartmental Volley Ball, Tug of War, Table Tennis, Chess, Basket Ball, Cricket, Football, Lawn Tennis, Badminton, and Hockey tournaments were organized.

An athletic event including running competitions was held at CIIT Lahore October 24, 2014.

CIIT Attock organized Cricket, Basketball, Tug of War, and Volleyball matches between the departments during the Students' Weeks. Department of Electrical Engineering won the inter-departmental sports.

During the Students' Weeks, CIIT Sahiwal organized inter-departmental Football, Volleyball, Table Tennis, Cycling, Athletics, Basket Ball, Cricket, Badminton, Hockey, and Kabaddi events.

CIIT Vehari organized two inter-departmental sports galas during the reporting period in which students from all departments participated in various games such as Cricket, Volleyball, Football, Badminton, Kabaddi, Table Tennis, Tug of War, Indoor sports, Athletics, Computer games and Speed programming. More than 1,400 students participated in the games.

Participation in National Championships

- CIIT Sahiwal arranged inter university Football Tournament on December 11, 2014 at CIIT Sahiwal in which CIIT Sahiwal, CIIT Vehari, BZU, and University of Education, Okara campus participated. CIIT Sahiwal won this tournament
- CIIT Islamabad participated in All Pakistan Inter-university Badminton (Zone C) Championship session 2014-15 organized by University of Azad Jammu and Kashmir, Muzaffarabad from December 12-15, 2014
- CIIT Islamabad organized and participated in All Pakistan Inter-university Men Hockey (Zone C) Championship session 2014-15 from February 11-15, 2015
- CIIT Islamabad organized and participated in All Pakistan Inter-university Men Cricket (Zone C) Championship session 2014-15 from February 18-25, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Volleyball (Zone C) Championship session 2014-15 organized by Aird Agriculture University, Rawalpindi from February 23-26, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Basketball (Zone C) Championship session 2014-15 organized by Bahria University Islamabad on March 05, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Table Tennis (Zone C) Championship session 2014-15 organized by International Islamic University, Islamabad from March 17-22, 2015
- CIIT Lahore participated in HEC Intervarsity Football Championship 2014-15 from March 18-21, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Football Championship Final Round session 2014-15 organized by University of Central Punjab, Lahore from March 19-23, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Female Table Tennis Championship session 2014-15 organized by Bahria University Islamabad from April 13-17, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Women Cricket Championship session 2014-15 organized by Kinnard College, Lahore from April 22-27, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Kabbadi Championship session 2014-15 organized by University of Veterinary Animal Sciences, Lahore on April 22, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Women/Men Athletics Championship session 2014-15 organized by University of Punjab, Lahore from April 23-26, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Women Football Championship session 2014-15 organized by University of Lahore, Lahore from April 24-27, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Women Swimming Championship session 2014-15 organized by University of Lahore, Lahore on April 30, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Swimming Championship session 2014-15 organized by University of Karachi on May 01, 2015
- CIIT Lahore participated in HEC Intervarsity Swimming Championship 2014-15 from May 01-04, 2015
- COMSATS FUTSAL, Basketball, Table Tennis (M), and Table Tennis (F) Teams participated in IST Youth Carnival 2015 organized by Institute of Space Technology, Islamabad from May 07-19, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Women Basketball Championship session 2014-15 organized by Bahria University, Islamabad on May 15, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Roving (Hiking and Trekking) Championship session 2014-15 organized by University of Poonch, Rawalakot from May 25-30, 2015
- CIIT Islamabad participated in All Pakistan Inter-university Female Badminton Championship session 2014-15 organized by University of Sargodha at Lahore on June 01, 2015
- CIIT Islamabad organized and participated in All Pakistan Inter-university Women/Men Rifle Shooting Championship session 2014-15 from June 07-12, 2015
- CIIT Islamabad organized and participated in All



Pakistan Inter-university Mountaineering Championship session 2014-15 on June 07, 2015

- CIIT Islamabad participated in All Pakistan Inter-university Handball Championship Final Round session 2014-15 organized by University of Lahore, Lahore
- CIIT Islamabad participated in All Pakistan Inter-university Baseball Championship session 2014-15 organized by Superior University, Lahore
- Students of CIIT Vehari represented COMSATS cricket team in HEC Cricket Tournament 2015

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 Women Rifle Shooting team got 3rd position in All Pakistan Inter University Women Rifle Shooting Championships 2014-15
- CIIT Women Swimming team got 4th position in All Pakistan Inter University Women Swimming Championships 2014-15
- CIIT Men Swimming team got 1st Position in All Pakistan Inter University Men Swimming Championships 2014-15
- CIIT Men Football team got Runners up Position in All Pakistan Inter University Men Football Championships 2014-15
- CIIT Men Mountaineering team got 3rd Position in All Pakistan Inter University Men Mountaineering Championships 2014-15
- CIIT was awarded Winner of the IST Youth Carnival 2015 Basketball Championship
- CIIT was awarded Winner of the IST Youth Carnival 2015 FUTSAL Championship

- CIIT Lahore won 2nd position in HEC Intervarsity Swimming Championship 2014-15
- CIIT Lahore won 2nd position in HEC Intervarsity Football Championship 2014-15 (CIIT Combined Team)
- CIIT Lahore won 01 Silver medal in 53rd National Swimming Championship at WAPDA Sports Complex Lahore (April 10-12, 2015)
- 3rd under 19 cricket coaching camp was arranged at CIIT Sahiwal in collaboration with Pakistan Cricket Board. The opening ceremony was held on April 16, 2015
- CIIT cricket team won the HEC Cricket Tournament 2015 by defeating Islamic International University Islamabad's cricket team by 120 runs

Awards for Sports Persons

- Mr. Muhammad Mushtaq, Sports Officer (In-charge Sports CIIT Islamabad) was nominated as manager of HEC Swimming Team for World Universities Games organized at Gwanjue South Korea from July 02-15, 2015
- One Football player from CIIT Sahiwal was selected as a member of HEC Football Team during year 2014-2015
- One hockey player from CIIT Sahiwal was selected as a member of HEC Hockey Team during year 2014-2015

Under 16 Cricket Summer Camp of Rawalpindi and Islamabad

Sports Section, CIIT Islamabad arranged a Cricket summer camp of under 16 players from Rawalpindi and Islamabad from July 03 to August 28, 2015 at CIIT Cricket Ground and a Professional Coach (Mr. Muhammad Arif, first class Cricketer) was hired for the purpose.





11 UNIVERSITIES BUILDING LEADERSHIP

Student Leadership (Co-curricular Activities)

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.

Students of the Department of Biosciences, CIIT Islamabad are running two social societies viz. BIOCOM (Literary) Society and BSSS (Sports) Society. BIOCOM arranged an interuniversity Debate Competition during Students' Week – Fall 2014. A Poetry Event was also organized by BIOCOM Society in collaboration with the BAZM Society of CIIT.

An extensive theatre workshop was organized by KHEIDD TAMASHA from June 22-28, 2014. "LET'S EXPLORE" is a youth based initiative of KHEIDD TAMASHA and department of Architecture and Design, CIIT Lahore. It has been designed with an objective to gather talented students at a single platform and develop theatrical skills so that they can explore and learn new medium to translate their expression.

In order to expose the students to the challenging environment of talking about the undecidibles and involving into the intricacies of formulating and defending foreign policy, and quite critically, analytically and meticulously drafting resolutions, the Department of Humanities, CIIT Lahore registered its students in the Seventh Edition of GIKI Model United Nations 2014

(GIMUN '14) held at the Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI), Topi, from October 17-19, 2014 and won two Best Delegate (UNSC and DISEC) awards and one Honorary Mention (UNDP) award.



In order to enlighten the students about teachings of Sufism, and to pay a tribute to the legendary Sufi Baba Bulleh Shah, a mystic play "Shades of Sufism; The Journey of Bulleh Shah" was presented on October 18, 2014 at CIIT Lahore. The play was based on the biography of Sufi Baba Bulleh Shah; it intended to put in light his teachings of compassion and divine love.

An Inter-universities Quiz Competition was organized at CIIT Lahore on October 22, 2014. The teams from various universities i.e. UCP, BNU and UMT participated in the quiz competition along with the host team of CIIT.

A team of CIIT participated in the Inter-university Performing Arts Competition on “Parent-Child Relationship” in the University of Central Punjab on October 23, 2014. The play highlighted mother’s affection and father’s reaction for a unisex child which. The competition also provided the students an opportunity to interact with other universities.

World Space Week is an annually celebrated international event on the contribution of space, science and technology in the betterment of the human kind. SUPARCO has extended WSW activities throughout Pakistan with the partnership of key educational institutions of Pakistan. CIIT Abbottabad and SUPARCO conducted this year’s Space Week from November 05-06, 2014 with participation from schools and colleges of Abbottabad, Haripur, and Mansehra. “COMSATS Literary Society (CLS)” organized the competitions and also conducted all the stage activities. Painting and Sketching competition was conducted by the team of “Aadrish”. The competitions that took place were as follows:

- E-Poster Competition
- Water Rocket Competition
- Bilingual Essay Writing Competition
- Painting and Sketching Competition
- Bilingual Declamation Contest
- Space Quiz

Students of CIIT Sahiwal participated at GIKI Summit '14 (November 28-30, 2014). According to partial results they secured several positions like Best University Award, Three Ambassador Awards, Runner up in Project Exhibition, and Runner up in Elevator Pitch.

The students of Department of Mechanical Engineering, CIIT Sahiwal manufactured an environmental friendly car which was showcased at DICE Automotive 2014 competition at NUST (December 16, 2014). The car won the competition and was selected to represent Pakistan in a car show at Manila.

China Study Center (CSC) organized an exhibition on December 16, 2014 of Original Chinese Paintings, calligraphy and art work from artist named Ms. Grace. She is a Chinese amateur artist who first made a presentation on the subject which was followed by inauguration of the exhibition. She also taught basic painting techniques to aspiring students of Department of Architecture.

Ever since the establishment of COMSATS Performing Arts Society, CIIT Islamabad it has strived to provide ample opportunities of entertainment to the CIIT family. The Society’s first play "Ibtida -e- Ishq", directed and mentored by Ms. Hadia Ahmed, Lecturer, Department of Humanities, CIIT Islamabad, was selected by PNCA for competition in Youth Drama Festival 2015 (March 02-08, 2015) organized by Ministry of Information, Broadcasting and National Heritage . The play was awarded first prize in the Youth Drama Festival and the event was keenly contested amongst the 07 leading universities of the twin cities (NUST, QAU, FJW, Bahria and FAST). Apart from the award of appreciation certificates to the participants, PNCA hosted two commercial performances of the same play opening it free of cost for the audience of the twin cities from April 22-23, 2015. The response was overwhelming and the audience of the twin cities

applauded the effort of the young actors from CIIT.



Students of CIIT Abbottabad participated in Mega Challenge 2015 (MC 15) organized by Government of Khyber Pakhtoon Khwa (KPK) in collaboration with FAST Peshawar from March 04-05, 2015. 37 universities and colleges participated in the event and CIIT Abbottabd grabbed second position by winning the following competitions:

- First position in English declamation humorous
- Second position in Naat competition
- First position in Photography
- First position in Sketching

CLS), Funkada and Aadrish worked together for this challenge.



The Cultural counselor was invited to celebrate Chinese New Year on March 20, 2015 by CSC. The event was celebrated to acclimatize faculty and students of CIIT including China Student society about Chinese culture and how they celebrate their new year. This opportunity allowed the center to showcase that CIIT promotes China as a strategic partner among all it’s stakeholders. Students of China Student society performed fan dance, lion dance, tai chi and martial arts in front of audience.

COMSATS International Model United Nations Conference (CIMUN, March 20-23, 2015) was an emotional and motivational experience for the students as they found it interesting to pretend being a world leader and solve the most important problems of the world. Model UN triggered students’ imagination and creativity. The department of Humanities, through COMSATS Lahore

Debating society, Nexus Events and PR, all braced up to achieve a successful cosmopolitan Model United Nations—the first ever of CIIT Lahore. The purpose of organizing this event was to bring together a range of young minds to discuss local and international issues and to boost their public speaking and leadership skills, and to make CIIT a part of the institutes that conduct MUNs. In addition to Model UN committee sessions, the conference included in-conference events featuring guest speaker sessions with Deplix Smile Again Foundation and United States Educational Foundation Program. Additionally, the conference hosted a Fashion Show, Formal Dinner, Sufi Devotional Music Night, and Global Village as its social events.

The Department of Humanities, CIIT Islamabad organized an essay writing competition in March 2015. The topic of competition was “Put your heart, mind and soul into even your smallest acts. This is the secret of success.”

IDEA Society, CIIT Islamabad organized a workshop on Celebrating Sisterhood with Famous Actress Sara Chaudhry on April 03, 2015. The theme of the workshop was Mystery of the hidden, which comprised of two motivational interactive sessions. It focused on illusions of hijabi alley, mystery of hijab and its top ten myths as well as at our hypocritical behavior too. It explained why soul is important to be covered like body.

A Qirat and Naat Competition was organized at CIIT Wah on April 05, 2015. Eleven students from different departments participated in the competition. The first three position holders from both the competitions were awarded shields.

The Separate competitions of sketching, painting, calligraphy and glass painting were conducted on April 06, 2015 at CIIT Wah. In this context, the sketch contestants were required to draw the sketch of Front view of Campus Library. Painting competitors were asked to create a nature scene with mountain and forest background and waterfalls with a lake. Competitors in calligraphy were asked to write the Bismillah-i-Rrahman-i-Rrahim. The glass painting participants were given a free choice in advance to produce any work of art.

A Naat and Qirat competition was also arranged by IDEA Society, CIIT Islamabad on April 06, 2015 in collaboration



with Department of Humanities. The event consisted of Boys Naat and Qirat, Girls Naat and Qirat, General Questions Answers from Audience.

To celebrate the diversity of human expression through arts, Department of Humanities, CIIT Lahore organized a full-packed entertaining event “Fusion of Art” on April 07, 2015. The event was a blend of singing, dancing, and other performing arts. The students were given opportunity to explore and unleash their potential. The highlight of the event was a memorable performance by a noted singer and the Guest of Honour Inam Ali Khan of Raga Boyz, who is the son of Ustad Hamid Ali Khan.

A Rustam-e-COMSATS competition was organized on April 07, 2015 at CIIT Wah. The event received an overwhelming response and a great number of Body Building fans thronged the. External experts had been specifically invited to judge the participants.

A declamation contest, singing and dancing competitions, musical concert, and mehfil-e-mushaira were also organized during the Students’ Week 2015 at CIIT Wah.

The competition Component De Electric was held on April 08, 2015. The participants were given 4 DLD related scenarios and were asked to solve the given problems to gate-level design, and to implement the said system on hardware. The participants were judged based on their theoretical solutions and their hardware implementation.

A Scavenger Hunt was held on April 08, 2015 under IDEA BnB Club, IDEA Gaming Club and IDEA Media Club. The objective of the event was to allow the students to develop high gaming skills by competing with students of other departments and to learn to work as a team.

A bait bazi competition was organized on April 08, 2015 at CIIT Islamabad. The participants were asked to share their best work in the initial round from which three finalists were selected who competed on the second and last round. Later on, a published poet Miss Sadaf Noor was invited to give an inspirational talk.

An event titled iCourt: Legal Debates was held on April 09, 2015. IDEA Debating Club, CIIT Islamabad presented an unusual declamation event having flavors of both dramatics and debating, itself consisting of a rather different pattern to follow. The event consisted of three rounds. In round one, chits were prepared considering different indoor or outdoor situations prevailing in the country and abroad, these chits were set in different combo sets. The candidates did not get to choose the situation set; there was a random selection of the situation set from Situation Sets Box. The winners from round one moved to next rounds.

The event Think Outside the Box was held on April 09, 2015 at CIIT Islamabad. The purpose of this event was to encourage students to come up with entrepreneurial ideas and discuss them with experts for guidance. Mr. Tariq Khan, Chairman “Clean and Green Pakistan” delivered a motivational talk on taking action along with knowledge. Students shared their entrepreneurial ideas

with the guest speaker and got helpful feedbacks.

CIIT Sahiwal arranged its 1st All Pakistan Declamation Contest on April 09, 2015 in which, debaters from universities like Government College University Lahore, Punjab University Lahore, King Edward Medical College Lahore, University of Agriculture Faisalabad, University of Sargodha, BZU, Multan etc. participated.



The performing Arts Society KHEIDD TAMASHA (Department of Architecture and Design) represented CIIT Lahore at “12th Annual Naqash – All Pakistan Event” Irtiqa” in May 2015. It was a three day event that included an Art Exhibition, and competitions catering to many genres of fine arts and a number of amusements, including a mime’s night, a fashion show and musical performances. The team succeeded to bag three awards:

- Best Mime
- Best Wall Grafitti
- Best Actor

A cooking competition was held in the Students’ Week 2015 by the Department of Humanities, CIIT Islamabad amongst the students of all the departments and the girls students displayed excellence in cooking different cuisines and oriental dishes.

During the Students’ Weeks (Fall 2014, Spring 2015) at CIIT Abbottabad, the societies namely Aadrish and COMSATS Literary Society (CLS) organized various events. CLS organized Qirat and Naat competition, Parliamentary Debates, Studio 330, and Science Marathon. Parliamentary debates were organized to prepare the students for the Model United Nations Competition. It was organized in 3 rounds. In studio 330, teachers were asked to introduce them, tell fun facts about and stories of their childhood. Science Marathon was the outdoor event in which 74 teams participated where each team had 3 to 5 members. There were 296 participants in this event including faculty members. Aadrish on the other hand organized sketching competition, painting competition, photography competition, and mehndi competition.

A painting exhibition was arranged in the Students’ Week 2015, where students of CIIT Lahore collaborated with five

universities to display their work. Dr. Filza Waseem, HOD Humanities, inaugurated the exhibition. Different aspects of life e.g. peace, love, ambition, harmony, evil and death were shown through paintings in a convincing and credible way.



To observe and capture the grandeur of the glorious Mughal Architecture, around 30 students from different departments of CIIT Lahore participated in a four-hour walk organized by the Lahore Walled City Authority during the reporting period. During this photo walk, the guides showed them round the recently restored Royal Trail monuments like Delhi Gate, the Royal Bath (Shahi Hamam), the Lahore Fort, Wazir Khan Masjid, the Begum Shahi Masjid and many more.

Literary Society CIIT Vehari participated in the following events in intra-campus competitions held in Students’ Week March, 2014.

1. Qirat
2. Naat
3. Speech (Urdu Serious and Humorous)
4. Speech (English Serious and Humorous)
5. Mushaira (Ghazal)
6. Mushaira (Poem)
7. Quiz, and
8. Bait Bazi



12 FINANCE

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 15.4% and amount to Rs. 4,141,951,812.

Audit Report

Audit of the Accounts of CIIT up to June 30, 2014 by the Government and statutory audit has been completed. The audit for the year 2014-15 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 for all seven campuses of CIIT. Until the end of financial year 2014-15, CIIT has successfully completed 31 projects having capital cost of Rs. 3469.264 million.

For the financial year 2014-15 the Government of Pakistan allocated Rs. 735.002 million for eight (8) development projects of CIIT. During the said period, Rs. 543.386 million have been released.

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. 3879.632 million.

Student Spending Trend

During the reporting period, per student spending was Rs. 0.196 million.

Annual Statement of Accounts (Audited)
2013-14

NON CURRENT ASSETS	2013-14 Total(Rs.)
Property, plant and equipment	4,092,366,792
Intangible Assets	3,344,318
Long term investment	23,033,302
Long term deposits	23,207,400
Sub-total	4,141,951,812
CURRENT ASSETS	
Advances, deposits, prepayments and other receivables	35,860,257
Short term deposits	49,045,296
Short term investments	633,268,393
Other receivables	89,638,458
Cash and bank balances	848,968,360
Sub-total	1,656,780,764
TOTAL	5,798,732,576
LIABILITIES AND FUNDS	
General fund	(348,579,136)
Taleem Fund	179,191,073
Sub-total	(169,388,063)
NONCURRENT LIABILITIES	
Deferred Grant	3,982,903,368
Long Term Financing	-
Liabilities against assets subject to finance lease	63,730,325
Students' security deposits	137,370,624
Employees' retirement benefits	1,029,023,949
Sub-total	5,213,028,266
CURRENT LIABILITIES	
Accrued and other liabilities	516,296,050
Short Term Borrowings	130,000,000
Current portion of non-current liabilities	108,796,323
Sub-total	755,092,373
TOTAL	5,968,120,639
Grand Total	5,798,732,576

Recurring Budget

The recurring budget of the financial year 2014-15 is appended in the table below:

A: Total Resources		2014-15 (Rs. Millions)
1.	Opening Balance	(910.523)
2.	Grants	
a.	Federal Government (HEC)	901.412
b.	Federal Government (MoST)	257.500
c.	Supplementary/Additional Grants	91.913
d.	Grant for Tenure Track Faculty	299.202
e.	Need based Scholarships	203.052
Sub-Total (1+2)		1753.079
3.	Own Resources	
a.	Income - Fees	3,262.249
b.	Income – Other than Fees	617.383
Sub-Total (3)		3879.632
Total Current Year Resources (2+3)		5,632.712
B. Expenditure		
i.	Pay of officers	1.011.018
ii.	Tenure Track Pay	867.059
iii.	Pay of Establishment	251.654
iv.	Regular Allowances	1,403.234
v.	Other Allowances	95.004
Sub-Total (Pay and Allowances)		3,627.969
vi.	Other Charges including Research	1,981.228
Total Expenditure		5,609.197
C. Surplus/(Deficit) for the year		23.515
D. Accumulated Surplus/(Deficit)		(887.008)





13 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, 2015, 28 meetings of BoG have been held out of which 03 held in 2014-15 are given below:

Meeting #	Date of Meeting
26	July 10, 2014
27	March 13, 2015
28	April 29, 2015

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, 23 meetings of Academic Council has been held, out of which, 05 were during the reporting period.

Meeting #	Date of Meeting
19	September 23, 2014
20	October 25, 2014
21	December 16, 2014
22	May 19, 2015
23	June 15, 2015

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, 2015, 21 meetings of BASAR have been held, out of which, 03 were during the reporting period.

Meeting #	Date of Meeting
19	September 30, 2014
20	November 27, 2014
21	May 07, 2015

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 2014-15, 22 meetings of Selection Board have been held, out of which, 02 were during the reporting period.

Meeting #	Date of Meeting
21	December 19, 2014
22	May 24, 2015

Finance and Planning Committee: By the end of year 2014-15, 17 meetings of Finance and Planning Committee have been held, out of which, 01 was during the reporting period.

Meeting #	Date of Meeting
17	September 23, 2014

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, 238 BoS meetings have been organized, out of which, 24 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
28	August 12, 2014
29	February 17, 2015

Board of Studies for Development Studies

Meeting #	Date of Meeting
14	February 09, 2015

Board of Studies for Humanities

Meeting #	Date of Meeting
06	August 06, 2014

Board of Studies for Chemical Engineering

Meeting #	Date of Meeting
15	September 01, 2014
16	February 16, 2015

Board of Studies for Electrical Engineering

Meeting #	Date of Meeting
22	August 08, 2014
23	February 11, 2015

Board of Studies for Civil Engineering

Meeting #	Date of Meeting
05	September 05, 2014

Board of Studies for Mechanical Engineering

Meeting #	Date of Meeting
06	February 17, 2015

Board of Studies for Computer Science

Meeting #	Date of Meeting
21	August 07, 2014
22	February 10, 2015

Board of Studies for Health Informatics

Meeting #	Date of Meeting
06	February 10, 2015

Board of Studies for Architecture

Meeting #	Date of Meeting
14	September 19, 2014

Board of Studies for Biosciences

Meeting #	Date of Meeting
17	August 13, 2014
18	February 18, 2015

Board of Studies for Physics

Meeting #	Date of Meeting
18	August 15, 2014
19	February 19, 2015

Board of Studies for Earth Sciences

Meeting #	Date of Meeting
05	February 10, 2015

Board of Studies for Mathematics

Meeting #	Date of Meeting
17	August 13, 2014
18	February 18, 2015

Board of Studies for Environmental Sciences

Meeting #	Date of Meeting
16	February 10, 2015

Board of Studies for Meteorology

Meeting #	Date of Meeting
11	August 15, 2014
12	February 20, 2015

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, 2015, 89 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
20	September 17, 2014
21	March 18, 2015

Board of Faculty of Engineering

Meeting #	Date of Meeting
18	September 18, 2014
19	March 17, 2015

Board of Faculty of Information Sciences and Technology

Meeting #	Date of Meeting
18	September 17, 2014
19	March 18, 2015

Board of Faculty of Architecture and Design

Meeting #	Date of Meeting
12	September 19, 2014

Board of Faculty of Science

Meeting #	Date of Meeting
17	September 18, 2014
18	March 17, 2015

Uniform Management System (UMS)

UMS is a system which standardizes all the aspects of an organization/institute. An institutional setup of UMS for quality teaching and research productivity needs to be developed by planning and monitoring, feedback, and control. UMS is functional at CIIT and focuses on the above mentioned facets. In order to carry out planning and monitoring, three academic regulatory 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 in the Campus, and for improving the quality of education in the department respectively. CUOnline (web-based software) is used to gather feedback by generating various monitoring reports whereas control is done by CARC at campus level and by DARC at department level.

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 works on campus level. It must have at least seven sessions 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 mentioned. 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 among all the departments of campus by implementing policies and procedures approved by the legalized and authoritative forums. DARC comprises of three senior members of the department. This committee is solely authorized to ensure and take necessary measures to make a department improve education system 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 and other administrative responsibilities undertaken by PhD faculty, if any.

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





14 OFFICE OF DEVELOPMENT

Office of Development (OoD) at CIIT was established and is functional since 2009. It carries out various students related activities and maintains the data of alumni during the reporting period. A three member delegation from Gujranwala Chamber of Commerce and Industry visited OoD on June 11, 2015. Delegation members were given a guided tour of different facilities at the campus. GCCI members expressed keen interest to strengthen industry academia relationships.

Student Financial Aid Initiatives and implementation

Students Financial Aid Office (SFAO): Student Financial Aid offices at all CIIT campuses are fully functional and operating their duties with aim to facilitate deserving and meritorious students. Student queries are entertained on the basis of one window operation. These offices processed the data of more than 10 thousand applicants for scholarships during the reporting period.

Launch of New Scholarships: Multiple new scholarship schemes were launched during the reporting period to provide financial assistance to deserving students. Scholarships initiated in Fall 2014 and Spring 2015 semesters included NTS Need Based Scholarship Program, Baluchistan Educational Endowment Fund, Pakistan Engineering Council Scholarship, Chief Minister Education Endowment Fund Scholarships (for KPK), Afghan students scholarships and Meezan Bank Qarz e Hasna (Interest Free Loan) Scheme. More than six thousand applications were processed to recommend deserving students for award of scholarships during the period.

Continuation of Existing Scholarships: Along with the newly launched scholarships, SFAO worked on previously running scholarship and Financial Aid Schemes such as HEC Need Based scholarships, French Need Based scholarships, Workers Welfare Board scholarships, Pak-USAID Merit and Needs Based Scholarship, ICT R&D scholarships, Punjab Educational Endowment Fund (PEEF) Scholarship, 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 during the reporting period. Since its inception, CIIT has disbursed an amount in excess of Rs.2 Billion in various forms of financial aid, mostly in the form of full or partial scholarships, to its students. During 2014-15, CIIT disbursed an amount of Rs.800 million among 6,500 students. Thus, one out of every five students enrolled received some kind of financial assistance, as the Institute believes no student should be deprived of the right to quality higher education due to their inability to pay the fees.

Trainings by Student Financial Aid Offices for Students: Apart from provision of scholarships, some trainings were also arranged by SFAOs for students which are listed below:

- Counseling session organized for PEEF scholars at CIIT Islamabad on November 21, 2014
- Meetings with various scholarship awardees were held on December 02-3, 2014 at CIIT Sahiwal
- 03 days training of PEEF scholars on employability skills in Murree at Youth Development Center, Punjab

House on March 16, 2015 by CIIT Lahore

- Counseling session organized for Prime Minister ICT R&D scholarship awardees at CIIT Islamabad on June 26, 2015

Trainings to Staff of Student Financial Aid Offices:

The staff of SFAOs is provided with various opportunities to attend the trainings to enhance their skills of running a SFAO. During the reporting period, following training were attended / organized for the staff:

- Training session for the staff and new intern of Student Financial Aid Office, CIIT Sahiwal on July 16, 2014
- Two days training session on “ Office Procedure and Practices” from November 25-26, 2014 at CIIT Lahore
- Five days training on “A Managers Guide to Project Management” on February 16-2, 2015
- Seminar on “Fraud Awareness and Prevention” was May 21, 2015

Marketing and Outreach Campaign

- During the month of July 2014, scholarship awareness campaign was carried out in more than 50 educational institutions in various cities. More than 30,000 students and 500 educationists of different colleges and academies were interacted and briefed about the history, achievements, academic programs and scholarship programs available at CIIT in general and CIIT Sahiwal in particular.
- SFAO participated in “1st Southern Punjab Education Expo” arranged in Rahim Yar Khan on August 04, 2014. Visitors at CIIT stall were briefed about different scholarship program available in CIIT Campuses in general and Sahiwal campus in particular.

Besides, OoD at CIIT Lahore was also engaged in following activities during the reporting period:

- Coordinated with M/s Punjab Educational Endowment Fund (PEEF) and Department for International Development (DFID),UK and got scholarships worth of Rs.15M and distributed among 125 deserving students
- Coordinated with M/s Ihsan Trust and got scholarship of Rs. 02M each year for deserving/needy students
- Coordination with M/s PEEF for Rs. 01M for 10 students is under process
- Deal of Rs. 02M is in progress with new Lahore City project
- Deal of Rs. 02M with M/s Zong is in process for on-campus branding. Two meetings in this scenario have already been held with the representatives from M/s Zong
- Meeting and presentation to Chief Executive Officer, Baluchistan Educational Endowment Fund (BEEF), Syed Zafar Ali Bukhari, on April 23, 2015 for orientation on PEEF operations and further meeting with all Baluchistan students enrolled at CIIT Lahore
- Officials from CIIT Lahore met with various companies during the reporting period to create more scholarships for the students

The activities carried out by SFAO at CIIT Sahiwal during the reporting period are as follows:

- A meeting was held with the Secretary, Punjab Worker Welfare Board (PWVB) to discuss the possibility of MoU about Punjab Worker Welfare Fund scholarship for the students of Sahiwal campus on May 14, 2015
- Officials from PEEF visited CIIT Sahiwal to discuss the Plan of Action of Awareness Raising Event n May 18, 2015. Mr. Naveed Ahamd, Manager PEEF shared presentation about the event to be held at CIIT Sahiwal.

Future Plans

- A fully dedicated scholarship Portal for students will be launched. This portal shall carry details and eligibility criteria, FAQ’s of all the scholarships offered in CIIT campuses along with provision of online submission of applications for various scholarship programs. Any news pertaining to launch of new scholarship or phase of existing scholarship shall be placed as well on the portal
- Improve Fund disbursement mechanism throughout CIIT campuses for timely release of funds to the scholarship recipients
- To expand scholarship net by creating new opportunities 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 SFAOs and bringing dedicated staff for running the affairs of scholarships
- OoD, CIIT Wah is working to establish relationships with industries to place the campus alumni. Alumni gathering/annual dinner is also planned. The coordination between alumni and existing students is also planned
- A mega job fair will be organized by OoD, CIIT Lahore for the placement of graduates in the top level industries/organizations/firms in the public sector as well as private sector

For fund raising, CIIT Lahore will carry out following activities:

- Alumni dinner will be arranged for fund raising activities
- Musical evening: inviting all alumni and present students
- Funfair and food mela and raffle tickets selling
- In year 2015-16, a lunch of 10 Alumni students will be arranged by OoD, CIIT Vehari



15 HEALTH CENTER/MEDICAL FACILITIES

MEDICAL FACILITIES

CIIT has health/medical facilities available at its all campuses, to meet the emergency situations. The detail of such facilities is as follows:

Medical Centre at CIIT Islamabad was established in 2009. 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 6 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 (medicines worth Rs. 1.8 million have been procured and dispensed till date), provision of medical cover during official conferences and meetings, and arranging various healthcare awareness programs/lectures. During the reporting period, following trainings were organized by

the center:

- ISO procedures training was organized for the whole staff of medical center in September 2014;
- An eye sight testing training was organized in November 2014;
- Electrocardiogram (ECG) interpretation training was organized in December 2014.

The facilities available at the center are ECG, nebulization, blood sugar checking, dressing/stitches, maintaining I/V line, and fully equipped ambulance.

The number of patients given medical treatment since 2009 is given below:

Year	Students	Staff	Male (Students)	Female (Students)	Male (Staff)	Female (Staff)	Total
June 2015	3352	3050	2963	389	2569	481	6402
2014	5620	5977	4959	661	5290	687	11597
2013	5021	5166	4743	831	4556	508	11530
2012	6793	4989	6115	679	4490	499	11782
2011	5690	4220	-	-	-	-	9910
2010	5416	3962	-	-	-	-	9378
2009	2203	2398	-	-	-	-	4601
GRAND TOTAL							65,200

The medical center treats road accidents (minor cases treated at the medical center while major cases are sent to the tertiary care hospital in CIIT's ambulance), fever, respiratory tract infections, gastro intestinal tract problems, dysmenorrhoea, injuries (cuts, abrasions, blunt trauma etc) burns, dermatitis/scabies, headaches, hypertension, signs of breathlessness/allergy, diarrhea, diabetes, etc.

A Dental Unit was established in May 2015 at the medical center, CIIT Islamabad. The facilities offered at the unit include Consultation with Dental Surgeon, Free Oral medicines, Temporary Fillings, Permanent Fillings, Sealants Placement, Minor Trauma Cases, Dry Socket Treatment, Children Fillings, Children Extractions, Routine Permanent teeth Extractions, Scaling (only in infection cases), and Gum Infection cases.



Medical center at CIIT Abbottabad treated 6,080 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.

Health/Medical Center at CIIT Lahore consists of two rooms. Qualified and experienced professionals including Resident Medical Officer, dispenser and helper are available at the center. 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.

A dispensary with first aid facilities is working in CIIT Sahiwal and 24 hours ambulance service is also available.

CIIT has first aid medical facility for its students and staff members along with fully operational dispensary to facilitate the students and employees.

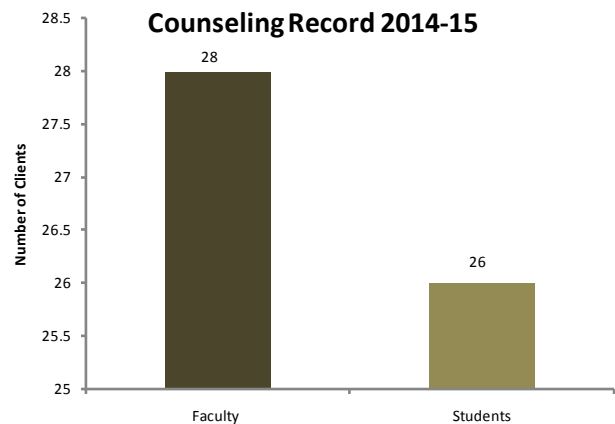
First Aid facility is also available at Wah, and Attock campuses to deal with unforeseen cases.

Counseling for Stress Reduction

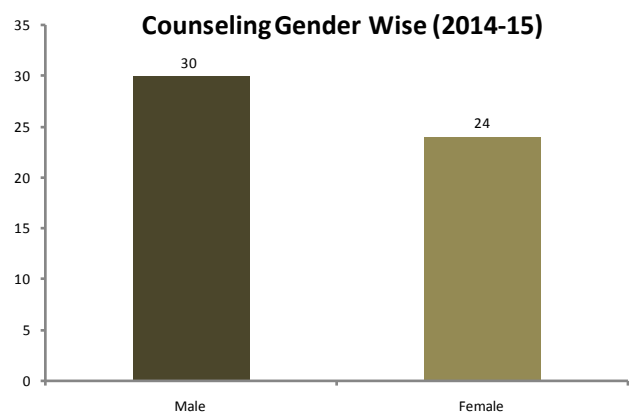
The Counseling and Psychological Services (CPS) Center at CIIT Islamabad is a center with a mission of providing a wide range of psychological services. These services are designed to help students and faculty of CIIT to understand them better, create and maintain satisfying relationships, improve their academic performance, make healthy career and life choices.

The center provides psychological services for currently enrolled students as well as the faculty of CIIT. All services are provided by a professional and licensed Clinical Psychologist. It provides individual counseling, group counseling, and couple counseling. The CPS works with close collaboration with medical center and many clients are referred by the medical officer from the CIIT medical center.

The progress of the counseling services can be seen through the data during the reporting time. The ratio of clientage is as follows:

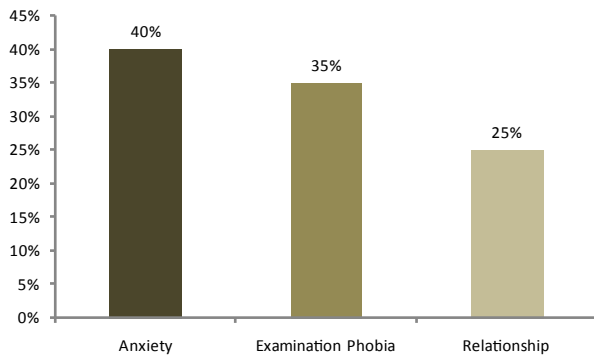


Source: Counseling and Psychological Service Center, Ms. Sadaf Sajjad, Assistant Professor



Source: Counseling and Psychological Service Center, Ms. Sadaf Sajjad, Assistant Professor

Common problems among students that have been counseled by CPS during the reporting period are expressed in the graph below:



Source: Counseling and Psychological Service Center, Ms. Sadaf Sajjad, Assistant Professor

Counseling for Stress is frequently provided to the students in smaller groups at the medical center at CIIT Abbottabad.

Career and Student Affairs Counseling Center at CIIT Wah looks after the student stress issues.

At CIIT Lahore, counseling is provided to the students in their academic, psychological, and social issues through specialist staff at the medical center. Psychological advice is provided by Clinical Psychologist, normally by appointment.

Counseling services are also provided at other campuses through faculty.



List Of Annexures

Annexure A: List of National and International MoUs International MoUs during 2014-15

#	Name of Institution
1	TWAS, Italy
2	University of Genova, Italy
3	Technical University Dresden (TUD), Germany
4	Xinjiang Normal University, China
5	Bayan Institute of Higher Education, Afghanistan
6	University of Mostaganem Abdelhamid ibn Badis, Algeria
7	Royal University of Dhaka, Bangladesh
8	University of Bamenda, Cameroon
9	Islamic Online University, Gambia
10	University of Alassane Ouattara Bouake, Ivory Coast
11	Al-Zaytoonah University of Jordan
12	Irbid National University, Jordan
13	Tafila Technical University, Jordan
14	Al Gabal Al Gharbi University, Libya
15	Universiti Sains Islam Malaysia (USIM)
16	Ecole Des Mines and Geologie (EMIG) Niamey, Niger
17	Al-Neelain Universitt, Sudan
18	International University of Africa, Sudan
19	Omdurman Islamic University, Sudan
20	Red Sea University, Sudan
21	University of Bahri, Sudan
22	University of Dalanj, Sudan
23	University of EL Imam EL Mahadi, Sudan
24	University of Gadarif, Sudan
25	University of Kassala, Sudan

26	Fatih University, Akcaburgaz, Turkey
27	Inonu University Malatya, Turkey
28	Mbarara University of Science and Technology (MUST), Uganda
29	Chinese Academy of Geological Sciences (CAGS), China
30	College of Information and Communication Engineering, SKKU, Korea
31	Northwestern Polytechnical University (NPU), China
32	Hong Kong Polytechnic University (HKPU), HK
33	University Federico II, Naples, Italy
34	Valparaiso University, USA (Aide Memorie and MoA)
35	University of Sheffield, UK

National MoUs during 2014-15

#	Name of Institution
1	Alliance Francaise D' Islamabad
2	Balochistan University of Engineering and Technology
3	Dadabhoy Institute of Higher Education
4	Gomal University
5	Government College University
6	Hazara University Mansehra
7	Indus University
8	Institute of Business Management
9	Newports Institute of Communications and Economics
10	Quaid-e-Awam University of Engg. Science and Technology
11	Shaheed Mohtarma Benazir Bhutto Medical University
12	Sukkur Institute of Business Administration
13	University of Swat
14	University of Turbat
15	United Nations Information Center, Islamabad
16	Museums Association of Pakistan
17	Hans Seidel Foundation
18	Pakistan Red Crescent Society (PRCS), Islamabad
19	Italtec Energy (pvt) Ltd
20	Ravi Automobile (pvt) Ltd

Annexure B: List of Completed Development Projects as on June 30, 2015

#	Name of the Project	Capital Cost Rs. In Million
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 Deptt of Mathematics, CIIT, Islamabad	29.608
5	Strengthening of the Telecom Engg Deptt, 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
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 and 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	56.803
31	Establishing / Strengthening Research and Development Activities in Chemical Engineering Department at the CIIT, Lahore	38.377
32	Strengthening of the Department of Biomedical Material Sciences at CIIT, Lahore	37.953
Total		3526.067

Annexure C: List of On-going Development Projects during 2014-15 Higher Education Commission

#	Project Name	Capital Cost (Rs. in million)	Allocation (Rs. in million)
1	Infrastructure Development of COMSATS Institute of Information Technology, Islamabad	2,862.656	150.000
2	Development of Imminent Academic and Support Facilities at COMSATS Institute of Information Technology, Lahore	684.518	100.000
3	Establishment of Permanent Campus of COMSATS Institute of Information Technology (CIIT) Campus at Attock	472.352	122.352
4	Establishment of CIIT Campus at Vehari	426.154	100.000
5	Faculty Development at University of Illinois at Urbana Champaign, USA	484.389	100.000
6	Establishment of Permanent Campus of COMSATS Institute of Information Technology Abbottabad	861.269	105.000
7	Establishment of CIIT Jaffarabad Campus, Balochistan	752.552	5.000
8	Provision of Academic and support Facilities of at CIIT Wah	52.650	52.650
Sub Total		6596.543	735.002

Annexure D: Detail of CARC and DARC Meetings during 2014-15

CARC Meetings-UMS for Quality and Productivity Improvement at CIIT All Campuses during FALL 2014 Semester

#	Meeting	Date
1	1 st Meeting	September 08, 2014
2	2 nd Meeting	October 30, 2014
3	3 rd Meeting	December 15, 2014
4	4 th Meeting	December 26, 2014
5	5 th Meeting	January 22, 2015

CARC Meetings-UMS for Quality and Productivity Improvement at CIIT Campuses during Spring 2015 Semester Except Abbottabad Campus

#	Meeting	Date
1	1 st Meeting	March 13, 2015
2	2 nd Meeting	April 16, 2015
3	3 rd Meeting	Jun 1, 2015
4	4 th Meeting	June 12, 2015
5	5 th Meeting	July 3, 2015

CARC Meetings-UMS for Quality and Productivity Improvement at
CIIT Abbottabad Campus during Spring 2015 Semester

#	Meeting	Date
1	1 st Meeting	March 11, 2015
2	2 nd Meeting	May 15, 2015
3	3 rd Meeting	June 12, 2015
4	4 th Meeting	July 13, 2015
5	5 th Meeting	August 26, 2015

DARC Meetings-UMS for Quality and Productivity Improvement at
CIIT All Campuses during Fall 2014 Semester

#	Meeting	Date
1	1 st Meeting	September 04, 2014
2	2 nd Meeting	September 24, 2014
3	3 rd Meeting	October 13, 2014
4	4 th Meeting	October 24, 2014
5	5 th Meeting	November 21, 2014
6	6 th Meeting	December 04, 2014
7	7 th Meeting	December 19, 2014
8	8 th Meeting	December 23, 2014
9	9 th Meeting	January 5, 2015

DARC Meetings-UMS for Quality and Productivity Improvement at
CIIT Campuses during Spring 2014 Semester Except Abbottabad Campus

#	Meeting	Date
1	1 st Meeting	March 10, 2015
2	2 nd Meeting	March 16, 2015
3	3 rd Meeting	March 30, 2015
4	4 th Meeting	April 10, 2015
5	5 th Meeting	May 10, 2015
6	6 th Meeting	May 21, 2015
7	7 th Meeting	June 5, 2015
8	8 th Meeting	June 09, 2015
9	9 th Meeting	June 19, 2015

DARC Meetings-UMS for Quality and Productivity Improvement at
CIIT Abbottabad Campus during Spring 2015 Semester

#	Meeting	Date
1	1 st Meeting	March 06, 2015
2	2 nd Meeting	March 27, 2015
3	3 rd Meeting	April 08, 2015
4	4 th Meeting	April 25, 2015
5	5 th Meeting	May 21, 2015
6	6 th Meeting	June 4, 2015
7	7 th Meeting	June 16, 2015
8	8 th Meeting	June 29, 2015
9	9 th Meeting	July 21, 2015



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international women's day



Institute of Information Technology Vehari Campus, Multan Road Vehari





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



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