

ANNUAL REPORT
2013-14



**COMSATS Institute
of Information Technology**

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COMSATS Institute of Information Technology

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Rector's Message

During its remarkable growth and development in the last fourteen years, COMSATS Institute of Information Technology (CIIT) has incessantly held to its commitment of redefining higher education scenario of the country. The Institute has made a note of changing trends in the higher education sector and responded to these changes by launching degree programs in emerging subjects/disciplines to produce graduates who are skilled in industry relevant fields.

The Institute has expanded itself over the years and currently has eight campuses including a Virtual Campus to increase access to quality education. All the campuses work in a coherent manner to achieve the heights. The Annual Report 2013-14 records the achievements of the Institute in the said year and is a proud testimony of an Institute which has now become a premier seat of learning.

This year has been no different in attaining the set goals, witnessing various happenings, and earning several awards along the way. It was a blissful moment when CIIT continued to maintain its place in the top category of "W", as announced by Quality Assurance Agency (QAA) of HEC in October 2013 which is a manifestation of quality education provided at the Institute. The recognition of quality of education and services at the Institute was not limited to national level but the international level also when QS awarded CIIT overall three stars out of a total of five in September 2013.

What can be more joyous for an Institute than to attain an international ranking and it was one of the highlights of the year that CIIT attained position in QS Asian University Rankings 2014 for the first time. It was placed in 201-250 range of top Asian Universities. On the research facet, the Institute continued to support and encourage its faculty to conduct research by providing the necessary funding and rewarding them on successful and consequential research. The conducive environment for the research led to the publishing of research papers, books, and filing of patents for registration.

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 offered, student enrollment, infrastructure, ranking, and research publications, etc. Moving forward, CIIT will continue its intensified efforts in providing quality education and services.

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

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



EXECUTIVE SUMMARY

CIIIT 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 14 years and I am ecstatic to share that the Institute has been continuously improving and the year 2013-14 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 Faculty of Health Sciences and COMSATS Center for Executive Development 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 58 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 the reporting period reached to a figure of 945 making a total of 3,534. The Institute has also filed 02 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. The Quality Enhancement Cell (QEC) of CIIT was placed in the top category "W" in October 2013 by the HEC among 84 QECs of

universities countrywide. CIIT understands the importance of competent faculty and to provide them with opportunities for growth & 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 2,659 during the reporting period including 755 PhD's. Until June 30, 2014, 390 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 hired 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, 2014 is 29,358. The highest enrollment was observed in Faculty of Business Administration with 16,058 students.

The next chapter, Universities Building Economies, contains the information on linkages established with the industry and the activities of Technology Incubation Center (TIC) 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.

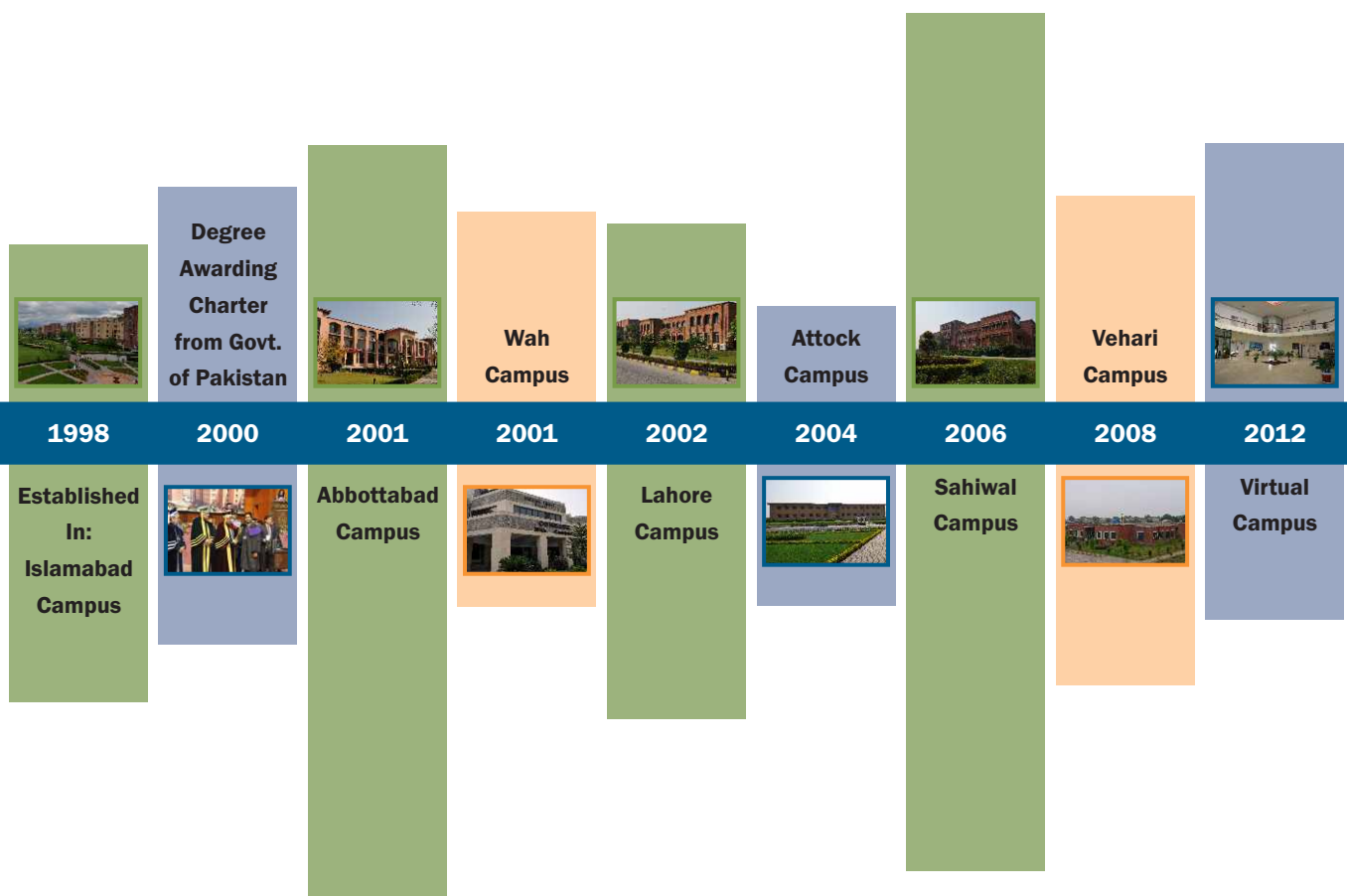
Chapter seven and eight highlight the strengthening of physical and technological infrastructure including details of development and construction projects, research equipment, digital library, PERN, video conferencing, etc. Until the end of FY 2013-14, CIIT has completed 42 development projects, while 10 projects are on-going. New research equipment was purchased during the reporting period at campuses. The library at CIIT provides access to more than 33,000 high quality journals/articles/databases through HEC's Digital Library provision. Chapter nine provides information about the public service activities, which CIIT feels its obligations.

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

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

ABOUT COMSATS INSTITUTE OF INFORMATION TECHNOLOGY

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.



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 will be 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

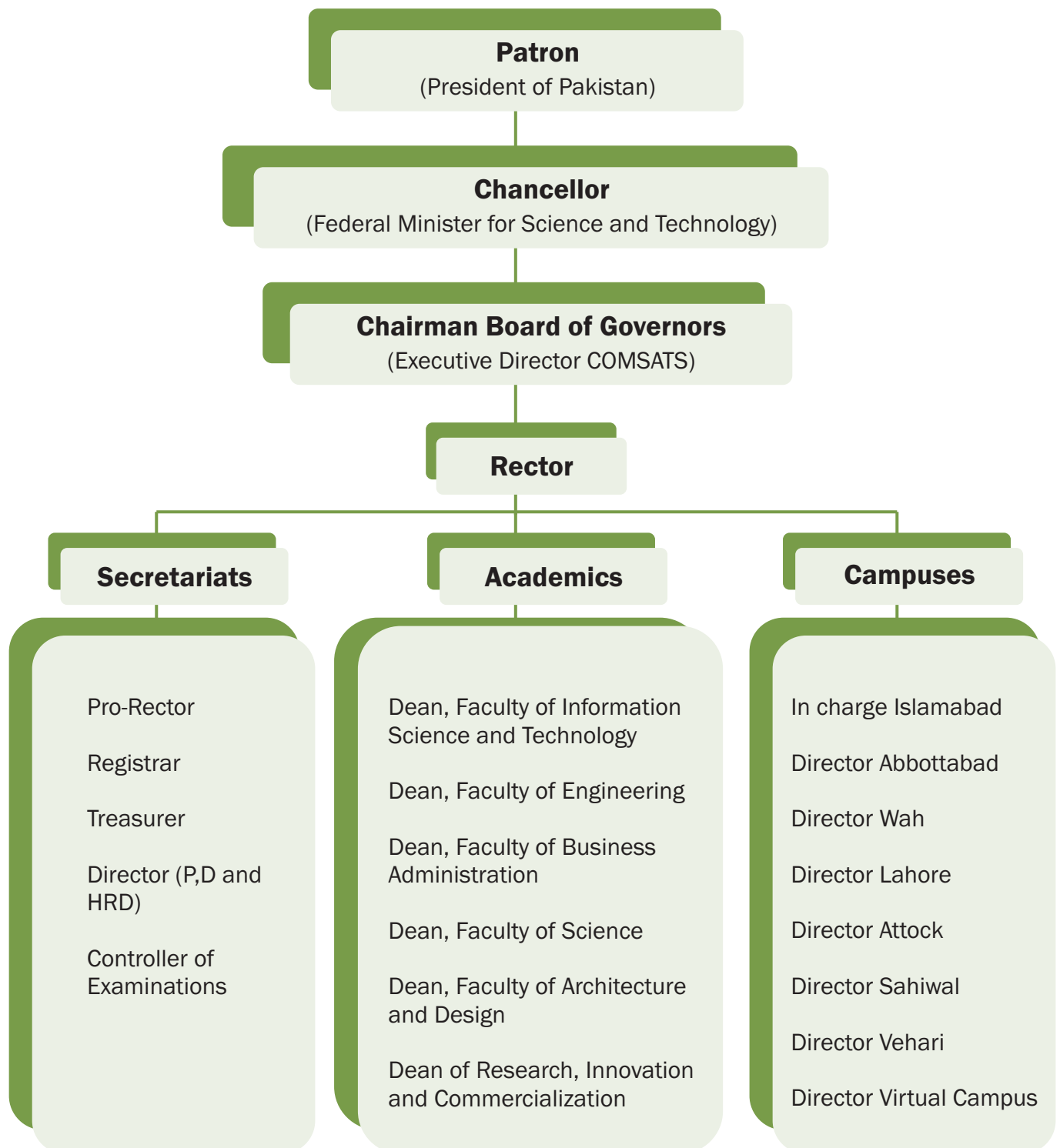
Generate and preserve knowledge, understanding, and creativity by triggering enquiry, conducting high-quality research, and promoting scholarship that benefits students, scholars, and communities across the country, the Muslim Ummah, and the world, at large.

➤ 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



FACULTIES, DEPARTMENTS AND RESEARCH CENTERS

05 faculties, 18 departments, and 09 research centers were functional at CIIT during the reporting period which are listed below, while another faculty has been established most recently:

| 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 Science <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 Department of Pharmacy Department of Earth Sciences Department of Chemistry <ul style="list-style-type: none"> • Center of 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, 2014

| # | 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), Islamabad |
| 2. | Mr. Kamran Ali Qureshi Secretary, Ministry of Science and Technology, Islamabad |
| 3. | Mr. Ahmed Bakhsh Lehri Secretary, Ministry of Education, Trainings and Standards in Higher Education, Islamabad |
| 4. | Prof. Dr. Atta-ur-Rahman, FRS, N.I., H.I., S.I., T.I. Patron-in-Chief, International Center for Chemical and Biological Sciences, University of Karachi, Karachi |
| 5. | Mr. Anwar H. Rammal Chairman, Asiatic Public Relations Network (Pvt.) Limited, Karachi |
| 6. | Mr. Sabih-ur-Rahman Advisor (Host Country Affairs), COMSATS Headquarters, Islamabad |
| 7. | Dr. Inam-ur-Rahman, S.I., A.I.K Scientist Emeritus (PAEC), Rawalpindi |
| 8. | Dr. Naveed A. Malik Rector, Virtual University, Lahore |
| 9. | Dr. S. M. Junaid Zaidi, 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. Tayyab Akram Director, COMSATS Institute of Information Technology, Wah Cantt |
| 17. | Dr. Khair-uz-Zaman Director, COMSATS Institute of Information Technology, Vehari |
| 18. | Dr. Bilal Zaka Interim Director, COMSATS Institute of Information Technology, Virtual Campus |
| 19. | Prof. Dr. Sajjad Mohsin Dean, Faculty of Information Sciences and Technology, COMSATS Institute of Information Technology, Islamabad |
| 20. | Prof. Arch. Zain ul Abedin Dean, Faculty of Architecture and Design, COMSATS Institute of Information Technology, Islamabad |



ACADEMIC ACTIVITIES

1

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 2013-14 is 87, which includes 39 undergraduate and 48 graduate programs. The list of programs is given below:

Undergraduate Programs

Bachelor of Science in:

Accounting and Finance, Bioinformatics, Bio-Sciences, Bio-Technology, Business Administration, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Commerce, Development Studies, Earth Sciences, Economics, Electrical Engineering, Electrical Computer Engineering, Electronics, Electronics Engineering, Environmental Sciences, Mathematics, Mechanical Engineering, Physics, Power Engineering, Psychology, Software Engineering, Telecommunication Engineering, Telecommunication and Networking

Doctor of:

Pharmacy

Bachelor of:

Architecture, Business Studies, Design, Fine Arts

Master of:

Business Administration Executive (2 years), Business Administration (3 years), Computer Science, Development Studies, Economics, English, Mathematics, Public Administration

Graduate Programs

Master of:

Business Administration (1.5 yrs)

Master of Science in:

Banking and Finance, Biochemistry and Molecular Biology, Bioinformatics, Biotechnology, Biosciences, Chemistry, Chemical Engineering, Computer Science, Computer Engineering, Development Studies, Economics, Electrical Engineering, Environmental Engineering, Environmental Sciences, Energy Management, Health Informatics, Information Security, Management Sciences, Mathematics, Meteorology, Microbiology and Immunology, Molecular Genetics, Nanosciences and Nanotechnology, Pharmacy, Physics, Project Management, Remote Sensing and Geographic Information System, Software Engineering, Sustainable Water Sanitation Health and Development, Statistics

PhD in:

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

New Programs Launched: During the reporting period, 14 new programs were launched to increase the option pool for the prospective students. These were Bachelor of Science in Electrical Computer Engineering, Accounting and Finance, Master of Business Administration, Executive (2 years), Master of Science in Information Security, Economics, Biochemistry and Molecular Biology, Molecular Genetics, Microbiology and Immunology, Environmental Engineering, and Software Engineering, Doctor of Philosophy in Biochemistry and Molecular Biology, Molecular Genetics, Microbiology and Immunology, and Statistics.

Academic Achievements

Faculty of Health Sciences: The Institute proactively identifies the emerging subjects to produce skilled professionals in fields which

are of the prime focus. In the same context, Faculty of Health Sciences has been established on November 4, 2013 to pool the health sciences related programs and to cater the increasing demand of health professionals.

Center of Advance Drug Research (CADR): Research and Discovery is one of the facets of CIIT's mission and establishment of CADR on August 07, 2013 at CIIT Abbottabad is a step towards promoting interdisciplinary research and development in the field of pharmacy, chemistry and biological sciences. A major goal of this research center is the development of new drugs.

COMSATS Center for Executive Development (CCED): CCED took its start on February 17, 2014 and is based in Department of Management Sciences, CIIT Islamabad. Its fundamental



objective is to develop, organize and administer training programs in specialized business administration and management themes in accordance with the needs of and in close consultation with organizations operating in the public, commercial and not-for-profit sectors of the country. Through its activities, it will contribute in helping the Institute to realize its mission which is to contribute towards Pakistan's national development. During the reporting period, it organized two major trainings.

Campus in Knowledge Park: Government of Punjab signed three memorandums of understanding (MoU) with international universities on May 09, 2014. Secretary Higher Education Abdullah Sunbal and representatives of international universities signed the documents. One of the MoU was signed between COMSATS/ University of Lancaster under which it will establish its campus in Knowledge Park which is being set up over a large and prime location area in Lahore, with the main objective of promoting research and technology. They will also share their experiences and skills for promoting higher education in Punjab as well as award scholarships to the students.

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

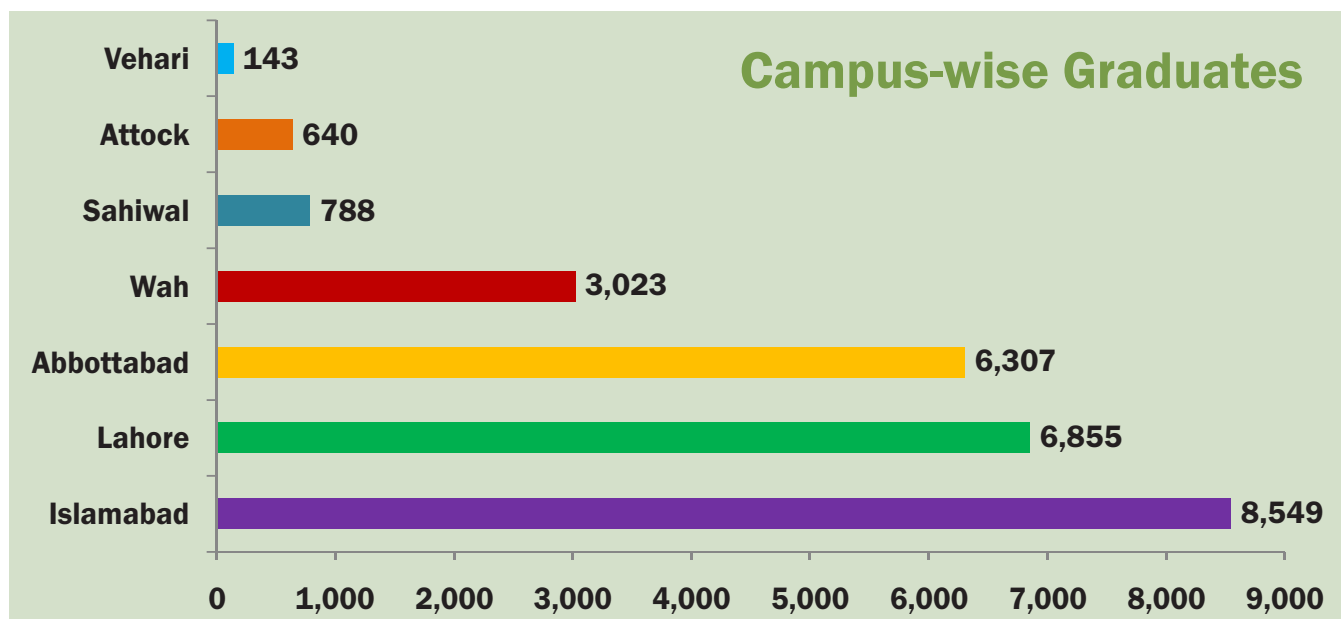


education institutes (HEIs) across the country and Azad Jammu and Kashmir. The scheme was part of the Prime Minister's Youth Programs for FY 2013-14. 229 students of CIIT from various degree programs were awarded laptops in a ceremony at Convention Center, Islamabad on June 20, 2014. The rest of the nominations of CIIT students are under process and will be awarded laptops in August 2014.

Convocations: Convocation is one of the special and most cherished moments at the end of academic life of every student as it is a day to receive their hard earned degrees after years of hard work, dedication, and continuous effort. It is a moment of pride and joy for the students, their family, and friends who support them through their academic journey, when the students walk up to the stage in convocation attire. So far, 62 convocations have been held by CIIT, out of which following were held during the reporting period:

| Sr. | Convocation | Campus | Date |
|-----|-------------|------------------|--------------------|
| 1 | 52 | Islamabad | September 20, 2013 |
| 2 | 53 & 54 | Abbottabad | September 21, 2013 |
| 3 | 55 | Wah & Attock | September 22, 2013 |
| 4 | 56 | Sahiwal & Vehari | October 04, 2013 |
| 5 | 57 | Lahore | October 05, 2013 |
| 6 | 58 | Wah & Attock | March 22, 2014 |
| 7 | 59 | Sahiwal & Vehari | March 28, 2014 |
| 8 | 60 | Lahore | March 29, 2014 |
| 9 | 61 | Abbottabd | April 07, 2014 |
| 10 | 62 | Islamabad | June 19, 2014 |

Till June 30, 2014, CIIT has produced 26,305 graduates out of which 91 are PhDs. During the reporting period, 3,741 graduates were produced including 28 PhDs, 601 MS, and 3,112 BS graduates.



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, 53 international MoUs were signed with the reputed institutions and organizations from Malaysia, Italy, Germany, France, Spain, Portugal Middle East, African continent and Central Asian Republics. 156 international MoUs have been signed so far.

Also in order to benefit from a mutuality of purpose, 05 national MoUs with prestigious higher education institutions and R&D organizations representing various provinces of Pakistan were conceived and signed. 44 national MoUs have been signed so far. The list of MoUs during the reporting period is provided at Annexure (A).

The detail of few of these linkages is as follows:.

- **Rostock University, Germany:** CIIT is developing its faculty in the field of Organic Chemistry at Rostock with multiple exchanges and research projects underway.
- **University of Bonn and University of Saarland, Germany:** CIIT Abbottabad engages with both the universities in the constantly evolving field of Pharmaceutical Sciences.
- **The UNICAM Partnership:** University of Camerino is amongst the oldest universities of Italy with a strong Physics faculty and partnerships with the ITCP and Italian industry. The Rector of UNICAM along with his team member visited CIIT on Italian Day where a MoU was signed committing to develop and strengthen ties with Pakistan through CIIT.
- **The Pakistan Association of Petroleum Geologist (PAPG):** PAPG is a very dynamic professional organization affiliated with the world renowned American Association of Petroleum Geologists (AAPG). An event was



organized at CIIT Abbottabad on October 11, 2013 to get a PAPG CIIT Abbottabad Chapter opened and to avail the associated opportunities. Through this channel, the Earth Sciences students and faculty members will be able to readily communicate and collaborate with the petroleum industry and benefit from the PAPG.

➤ **International Association of Universities (IAU):** On the invitation of the Secretary General of International Association of Universities, CIIT became its member in November 2013. IAU, an affiliate of UNESCO, is the largest network of universities comprising over 600 universities in all continents of the world. Being member of IAU was an important recognition of CIIT's growing international stature.

➤ **The CIIT- Valparaiso Venture:** Valparaiso University is a young, regional university in USA with fully accredited programs and a very strong mathematics department. The Dean, Valparaiso University visited CIIT on January 29, 2014. This meeting resulted in developing the details of a dual Masters degree program in Mathematics to take place between the two institutions.

➤ **Chartered Institute of Management Accountants (CIMA):** CIIT and CIMA signed a Memorandum of Agreement (MoA) on April 14, 2014 which will allow the CIIT students to develop proficiency in business and finance and

gain global accreditation. This agreement offers CIIT students of BBA and MBA programs to pursue CIMA's global qualification simultaneously. This will help CIIT graduates receive a solid grounding in the fundamentals of business and accounting, and also gives them an advantage to be professionally qualified and fast track their careers as soon as they graduate.

Besides, collaboration with Federation of the Universities of the Islamic World and Talloires Network is ongoing along with various other collaborations.

Institutional Linkages

Strategizing the Future: In late 2013, John McGovern who has led the Lancaster University, UK into its current era of flourishing internationalization, joined CIIT as a Commonwealth Fellow. He assisted CIIT in maneuvering the current regional and political challenges to develop a long term strategy for true internationalization which is reflected in every facet of a credible institution.

9th QS Apple Conference, Seoul, South Korea: The 9th QS conference for Asia Pacific Professional Leaders in Education (APPLE) was held in late October 2013. Dr. Arshad Salim Malik, Head International Office, participated in this conference and made a presentation on the

opportunities and challenges of dual degree programs in the context of the South Asian region.

CIIT Tours China: CIIT has developed a deep friendship with Chinese industry and academia. Dr. Haroon Rashid, S.I., Pro-Rector and Dr. Qaisar Abbas, Dean Faculty of Business Administration visited China in November 2013 in context of Pak-China Business Forum 2014. They met with over 70 Chinese companies and universities as well as governmental organizations like the China Council for the Promotion of International Trade and invited them to the forum. Another highlight of the visit was the participation in the UNESCO-ICT Conference at Shenzhen.

Going Global 2013: British Council arranged a series of Global Education Dialogues, drawing on their experience and partnerships with universities across the world. The latest event at United Arab Emirates was attended by Dr. Izhar Hussain, T.I., Registrar CIIT in November 2013. The conference was entitled “21st Century Universities: The Future of Higher Education in South Asia” and benchmarked the current status of South Asian higher education against

universities of the future.

Country Focus Days: International Office of CIIT took an initiative and organized Country Focus Days in collaboration with various foreign diplomatic missions in Pakistan to promote an atmosphere of awareness, diversity and understanding. These events provide a platform to explore opportunities for academic collaboration, scholarships and exchanges with various countries. During the reporting period, Italian Day was held on November 19, 2013, Turkish Day on February 27, 2014 and Romania Day on March 06, 2014.

Visit of Chief Minister Baluchistan to CIIT: The Chief Minister Baluchistan, Dr. Abdul Malik Baloch, visited CIIT Islamabad on May 31, 2014. The Chief Minister was taken to the tour of the campus facilities, and its departments, including Department of Electrical Engineering and its laboratories, Department of Physics as well as the 3D GIT (graphical imagery therapy) Laboratory in Computer Science, where research work related to computational psychology is being carried out.





China Study Center and its Activities: China Study Center (CSC) was established in January 2013 with a vision to promote China as the most significant geopolitical and economic partner of Pakistan. It seeks to promote Pak-China friendship, cooperation in scientific, economic, cultural, educational, and other fields. During the reporting period, CSC was actively involved in a variety of activities, few of which are given below:

On the invitation of Confucius Institute and National University of Modern Languages (NUML), two staff members of CSC visited China from June 25 to July 10, 2013. The purpose was to visit the Pakistan Study Center and Confucius Institute in China.

Syed Tanvir Abbas Jafri, Incharge CSC participated as a founder member in the first meeting of the Top Think Tanks of China and Pakistan conducted in China. It was organized by Tsinghua University China and Pakistan Embassy Beijing in China in September 2013.

Second Annual meeting of Chinese Universities Alumni was held at CIIT Islamabad in December 2013 to further strengthen the academic relation between the two countries with the help of alumni member.

With the efforts of CSC, for the first time in January 2014, Chinese Language Classes for BBA were introduced at CIIT.

The annual meeting of China Student Society was conducted in February 2014 to encourage the students to learn Chinese language and participate in China related activities organized by CIIT.

The CSC introduced a semester long certificate course titled China Polity, Markets and Management from February 21 to April 30, 2014.

CIIT Islamabad and University of Karachi initiated the virtual Chinese classes with the collaboration of Confucius Institute at NUML. The program started from February 17, 2014.

Incharge China Study Center had an interview with PTV World Business News program in which he projected CIIT, China Study Center and the 3rd Pak-China Business Forum (March 21-14, 2014).

CSC conducted second session of this talk series on May 20, 2014. The talk was delivered by alumnus of Chinese universities and was based on their doctoral dissertations/perspectives.

CSC organized the second session of the seminar on March 24, 2014. The theme of the seminar was Strengthening Collaborative Ties. The seminar envisaged as a one day activity incorporated the four sub themes which were President Xi Jinping's concept of the Central Asian economic belt (Economic corridor and

Mega projects), Collaboration in science, technology and climate change, Culture and people to people contact, and Contemporary challenges in cyber security.

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, following visits were arranged:

➤ A nine member delegation of youth from Sri Lanka visited CIIT Abbottabad on November 20, 2013. Most of the members of the delegation had completed their higher school and college education or were preparing for graduate studies.

➤ Three officials of the Embassy of Russian Federation visited CIIT on February 17, 2014. The Political Counselor, Andrey N. Shabalin, the Consul Evbeny Fidchuk and the official Mr. Damir joined the visit. Prof. Dr. Izhar Hussain, Registrar CIIT briefly introduced the international collaborations and vibrant role of CIIT towards socio-economic development of Pakistan. The Russian officials also showed great interest in initiating collaborations in academics, research and cultural exchange programs between the Institute and the Russian universities.

➤ China has established the sixth Pakistan Study Center at China West Normal University. Director of Pakistan Study Center, Professor Li Jian (who is also Vice Chancellor of the University) and Dr. Deng Gang visited CIIT on April 29, 2014 and a MoU was signed between

the two Centers to further strengthen the academic relations.

➤ German delegation comprising Dr. Dan Tidten, Head of the Cultural Section of the German Embassy Islamabad, and Ms. Ursula Saarbeck, German Academic Exchange Service (DAAD) representative visited CIIT Abbottabad on May 15, 2014. A lecture was delivered to MS/PhD students and faculty about funding opportunities for research grants and proposal writing for research projects. It was followed by the certificate distribution ceremony for the students who had recently visited Germany in DAAD group study visit in March 2014. Later on FLUOstar omega, a multipurpose high-tech research instrument worth Rs.2.6 million was officially handed over to CIIT Abbottabad.

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

| | |
|---|--|
| 1 | H.E. Hiroshi Inomata, Ambassador of Japan (October 02, 2013) |
| 2 | H.E. Adriano Chiodi Cianfarani, Ambassador of Italy (November 19, 2013) |
| 3 | H.E. Rodolfo J. Martin-Saravia, Ambassador of Argentina (November 19, 2013) |
| 4 | H.E. Emilian Ion, Ambassador of Romania (November 19, 2013) |
| 5 | H.E. Petros Mavroidis, Ambassador of Greece (November 19, 2013) |
| 6 | H.E. Saïd HINDAM, Ambassador of the Arab Republic of Egypt (November 19, 2013) |
| 7 | H.E. Istvan Szabo, Ambassador of Hungary (February 26, 2014) |
| 8 | H.E. Tomas Rosander, Ambassador of Sweden (April 10, 2014) |
| 9 | H.E. Nedim Makarevic, Ambassador of Bosnia and Herzegovina (January 17, 2014) |



| | |
|----|--|
| 10 | H.E. Dragos Luca, DHM Romanian Embassy (March 06, 2014) |
| 11 | H.E. Pierre Mayaudon, DHM European Union Delegation to Pakistan (March 27, 2014) |
| 12 | H.E. Dato Dr. Hasrul Sani Mujtabar, High Commissioner of Malaysia (April 24, 2014) |
| 13 | H.E. Christopher Bubb, Ambassador of Switzerland (May 15, 2014) |
| 14 | H.E. S Babur Girgin, Ambassador of Turkey (June 05, 2014) |

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:

- 19 faculty members of CIIT have been honored with Research Productivity Award for the year 2013-14 by Pakistan Council of Science and Technology, on the basis of their excellence in research productivity, as evaluated empirically by Journal Impact Factor, Citations Index, and Peer Review.
- The Association of Commonwealth Universities (ACU) celebrated their centenary with a conference at University of London in October 2013. At the conference CIIT received two distinct honors; not only was Rector CIIT elected council member of the ACU, he also had the honor to meet with Queen Elizabeth

II at Buckingham Palace. He was accompanied by the Head, International Office.

- Prof. Dr. Tahira Haroon, Chairperson/HoD received the Best Teacher Award from Allama Iqbal Open University and UNESCO during the reporting period on October 05, 2013.

- CIIT was awarded three stars out of five by an international ranking agency, Quacquarelli Symonds (QS) Organization. It carries out world universities ranking, and has carried out an independent analysis of various aspect of activities of CIIT. The award was announced during a QS conference held in Seoul, South Korea on November 01, 2013. It is pertinent to mention that CIIT is the first ever higher education institution in Pakistan who earned this coveted star rating. Aside from the overall 3-star rating, CIIT was also awarded 5-stars in teaching, 5-stars in engagement, 5-stars in learning facilities, and 3-stars in internationalization.

- Dr. Abdul Ghaffar, Associate Professor, Department of Meteorology was honored by an international membership of ISB (International Society of Biometeorology).

- CIIT attained position in QS Asian University Rankings 2014 for the first time. QS is an international ranking body that critically evaluates and publicizes World and Asian University Rankings, which is based on the

quality criteria of the institutions including Asian Academic Peer Review, 30%, Asian Employer Review, 10%, Papers per Faculty, 15%, Citations per Paper, 15%, Faculty Student Ratio, 20%, International Students, 2.5%, International Faculty, 2.5%, Inbound Exchange Students, 2.5% and Outbound Exchange Students 2.5%. CIIT attained position in 201-250 range of top Asian Universities based on above parameters.

➤ Mrs. Aqeela Asif, Assistant Professor, Department of Humanities, CIIT Islamabad was awarded Gold Medal 2014 by Idara Frogh-E-Taleem, Punjab for her services and best performance in the field of education. The award was presented to her on January 18, 2014.

➤ Mr. Nabeel Ahmed, a PhD scholar and group member lead by Prof. Dr. Athar Hussain obtained third position in student poster competition during International Conference on Asian Monsoon and Climate Change held from January 20-21, 2014.

➤ Ms. Irina Bokava, Director General UNESCO, and Rector CIIT Dr. Junaid Zaidi signed an agreement on February 06, 2014 for the

establishment of UNESCO's Chair in Knowledge Systems for Integrated Water Resources Management at CIIT Wah. Having a UNESCO Chair for any institute in the world is a matter of honor and prestige. There are about 80 water related UNESCO Chairs world-wide and CIIT is now proud to be included amongst this select global community that is addressing one of the most prevalent concerns of the world i.e. scarcity of water resources.

➤ Three CIIT members were honored with Civil Awards in March 2014 by the Government of Pakistan. These recipients are:

★ Dr. Izhar Hussain, Registrar, CIIT received Tamgha-e-Imtiaz

★ Dr. Fauzia Yousuf Hafeez, Advisor, Department of Biosciences, CIIT Islamabad received Tamgha-e-Imtiaz

★ Mr. Hasan Shahnawaz Zaidi, Advisor, Department of Architecture, CIIT Lahore received Pride of Performance

➤ Department of Pharmacy was accredited by Pharmacy Council of Pakistan on March 04, 2014. The degree program of Doctor of Pharmacy (Pharm. D) was approved. This is an



important milestone in the continuing growth and success of CIIT Abbottabad.

➤ The Department of Management Sciences, CIIT Islamabad received accreditation from the National Business Education Accreditation Council in April 2014.

➤ A research paper titled “Ethnopharmacological application of medicinal plants to cure skin diseases and in folk cosmetics among the tribal communities of North-West Frontier Province, Pakistan” by Dr. Arshad Mehmood Abbasi, Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad, was selected for the Best Paper Award under the program HEC Outstanding Research Awards in April 2014.

➤ Oracle Academy Business Applications Award was given to CIIT Lahore on April 28, 2014.

➤ Mr. Ahmed Khateeb, a student from Department of Computer Science, CIIT

Islamabad secured 2nd position in Microsoft's Hackathon 2014 for Windows Store Apps 8.1 held under Punjab Youth Festival 2014 on May 05, 2014. More than 86 teams (4 members each team) participated in this event from 25 different universities including LUMS, NUST, FAST and many top universities from Karachi, Lahore and Islamabad.

➤ Dr. Sajjad Ahmed Madani, Chairman, Department of Computer Science and Dr. Bilal Zaka, Interim Director, CIIT Virtual Campus won two prestigious Teradata National IT Excellence Awards. These are the most prestigious IT awards in Pakistan since their launch in 2000. The national award in category of Excellence in IT Education was given to Dr. Sajjad Ahmed Madani for his contributions in extending distinction in IT Education. The national award in category of Excellence in IT Enabled Service Offering was won by Dr. Bilal Zaka for his contributions for architecting applied IT enabled services. The awards were given on May 18, 2014.



RESEARCH AND DEVELOPMENT

2

An Overview

CIIT enjoys the privilege of being a premier higher education institution serving the nation through its multiple campuses across the country. CIIT sets out the practical example of a learning organization which evolves on basis of experience and knowledge. It is dedicated to search for truth through advancement of learning and extending the frontiers of knowledge; to the sharing of this knowledge through education in academically diverse disciplines; and to the application of this knowledge to benefit the people. The Institute's mission is threefold, i.e. Teaching and Learning, Research and Discovery, and Outreach and Public Service.

As evident from its mission, CIIT's drive for 'Research and Discovery' and 'Outreach and Public Service' meshes very well with its strategic aim of promotion of research that is focused on developing economic and social factors benefitting the masses at large besides supporting and promoting innovation and new

enterprise development at CIIT.

CIIT established its Office of Research, Innovation and Commercialization (ORIC) in 2011, with a purpose to develop, expand, and manage its research programs and to link research activities directly to educational, social and economic priorities of the Institute and its broader community. The ORIC is aimed at creating a knowledge economy.

Operations of ORIC

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

IDEAS 2013

Pakistani students have always stood at top ranks with respect to education and higher learning, be it analytical or technology driven. The modern day education has developed the capacity of these students even more and now they are ready to accept the challenges of the 21st century era. The driving force for the students is the provision of opportunity at the right time and the right place, which helps in

bringing out their untapped potential for the benefit of society at large.

CIIT has always been at the forefront in touching the frontiers of success. ORIC in its ongoing quest to promote entrepreneurship launched the IDEAS Competition in January 2012 with its second phase IDEAS 2013 on November 04, 2013. The competition was opened for the public in an impressive ceremony by launching the IDEAS Portal. Under this competition, the participants are asked to come up with new product ideas by applying practical as well as theoretical knowledge. After evaluating the impacts and analyzing the product ideas, ORIC prepares a list of qualifying applicants whose product ideas are selected for further consideration.

ORIC- Professional Development

The Professional Development initiative was taken by ORIC on August 28, 2013 and is grounded in experiential learning, discipline-specific career development, and employer relations fashioned by strong connections with the institute's seven campuses at Abbottabad, Attock, Islamabad, Lahore, Sahiwal, Vehari, and Wah.

These professional development programs are designed to help individuals meet professional and personal goals and to help organizations in developing their employees and improving their performance through interactive learning. During the reporting period, following trainings were organized under ORIC- Professional Development Program:

| # | Courses Offered | Dates | Participants from |
|----|--|-----------------------|---|
| 01 | 03 Days Training Workshop on “Android Mobile Application Development” | September 24-26, 2013 | Course offered only for students of different universities. |
| 02 | 01 Day Training Workshop on “Drafting Patent Applications” | October 11, 2013 | HEJ Research inst. of Chemistry, LUMS, IBA, Services Hospital, AKU Karachi, Air university, FJWU, GIKI, IST. |
| 03 | 02 Days Training Workshop on "Writing Winning Research Proposals" | November 28-29, 2013 | Livestock and Dairy Development, Barani Livestock Prod. Research Inst., LUMS, NUST, DHA Suffa Uni., IMS. |
| 04 | 02 Days Training Course on “ISO 17025 Accreditation: Preparing your Organization for Compliance” | December 23-24, 2013 | OGDCL, Attock Refinery Ltd., PEL Pvt Ltd., FFC, Pak Kuwait Textile Ltd., PIEAS, Bright Paint, G.E Lab, Kinnard College for Women, Beltexco Ltd. |
| 05 | 02 Days Training Workshop on "Writing Winning Research Proposals II” | January 15-16, 2014 | MoST, PIEAS, UMT, Bahria University. |
| 06 | 01 Day Training Course on “Advances in Collection of Microorganisms and Cell Cultures” | March 11, 2014 | NIBGE, NARC, WILSON, PCSIRL Karachi, Qarshi Research Pvt Ltd., QAU and many participants from different universities. |
| 07 | Fostering Innovation and Entrepreneurship Through Incubation | April 22-23, 2014 | NTS, IST, FAST, HITECH, BU Karachi, IM Sciences Peshawar. |
| 08 | Writing Scientific Papers and Publications - Showcasing the Scientific Talent to the World | June 03-04, 2014 | Agri Research Inst. Bahawalpur, UMT Isbd, Foundation University Medical College, City uni Peshawar, University of Punjab, University of Agri. Peshawar. |

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 (Rs. in Millions) |
|----|--|-------------|--------------------------|
| 1 | National Research Program for Universities (HEC) | 08 | 28.74 |
| 2 | International Foundation for Sciecnce (IFS) | 2 | 2.20 |
| 3 | Access to Scientific Instrumentation | 1 | 0.66 |
| 4 | Post Doctoral Fellowship Program | 7 | 13.40 |
| 5 | Start up (IPFP & FFHP) | 22 | 10.75 |
| 6 | Pakistan Program for Collaborative Research (PPCR) HEC | 2 | 0.54 |
| 7 | Travel Grant to University Teachers | 42 | 8.69 |
| 8 | Seminar Conferences / Workshops | 07 | 5.00 |
| 9 | Innovation Development Fun | 1 | 5.00 |
| 10 | IRISIP (HEC) | 1 | 1.20 |
| 11 | Pak-US S &T Cooperation | 1 | 29.08 |
| | Total | 94 | 105.26 |

Research Projects Completed

| # | Program | No of Cases |
|---|--|-------------|
| 1 | NRPU (HEC) | 06 |
| 2 | Start up (IPFP & FFHP) HEC | 04 |
| 3 | Pakistan Program for Collaborative Research (PPCR) HEC | 04 |
| 4 | COMSATS Research Grant Program (CRGP) | 04 |
| | Total | 18 |

Research Proposals In-process

| # | Program | No of Cases |
|----|--|-------------|
| 1 | National Research Program for Universities | 205 |
| 2 | Pakistan Program for Collaborative Research (PPCR) HEC | 05 |
| 3 | International Foundation for Science | 19 |
| 4 | Interim Placement of Fresh Pd's (IPFP) | 66 |
| 5 | Access to Scientific Instrumentation | 03 |
| 6 | MAB Young Scientist Award HEC | 02 |
| 7 | COMSTECH-TWAS | 01 |
| 8 | Grant for Maintenance of Scientific Equipments and Spare Parts | 01 |
| 9 | ICT R & D Fund | 01 |
| 10 | Pakistan Agriculture Research Council | 03 |
| 11 | Pakistan Science Foundation | 11 |
| | Total | 317 |

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 2013, 3,534 research papers have been published by CIIT faculty. A summary of the published research papers is provided below:



Patents

The research activities at CIIT are not confined to publishing of research papers only but to innovation and product development also. In this regard, 10 patents have been filed for registration by CIIT so far out of which following 02 were filed during the reporting period:

| # | Patent Application Number and Filing Date | Inventors | Applicant/Assignee | Title |
|---|---|---|--------------------|--|
| 1 | 14/014,978 with priority of 262/2013 at Patent Office, KHI September 30, 2013 | Dr. Muhammad Yar | CIIT | Dihydro 1,4-benzoxazines using sulphonium salts |
| 2 | 14/098,067 December 5, 2013 | Dr. Shahid Khattak Muhammad Sheraz Ahmad and Dr. Khurram Aziz | CIIT | Heart Murmur Extraction and Heart Impairment Identification using Fuzzy Controller |

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:

Vice Chancellors' Forum 2013: CIIT in collaboration with the Islamic Educational, Scientific and Cultural Organization (ISESCO), Higher Education Commission, Pakistan (HEC),



Ministry of Science and Technology (MoST), Government of Pakistan, and the Federation of the Universities of the Islamic World (FUIW) organized the 2nd 2-Day Vice Chancellors' Forum on September 23-24, 2013. The theme of the forum was “Universities in the Islamic World: Challenges of Internationalization”. The Vice Chancellors' Forum is one of the flagship initiatives of COMSATS Institute of Information Technology, Pakistan.

At the inaugural session, Federal Minister for Science and Technology and Chancellor CIIT, Mr. Zahid Hamid warmly welcomed the distinguished guest and participants of the Forum. The Forum was attended by over 200 Vice Chancellors/Rectors/Presidents of the Universities/Higher Education Institutions of the OIC member states, and provided a platform to University leaders for fostering collaboration, strengthening cooperation and encouraging dialogue among them and the institutions they represent.

The objectives of the Forum were to provide a) platform to university leaders in Islamic world in forging linkages for initiating joint academic programs; b) promoting research; c) pooling resources; d) offering scholarships; e) promoting exchange of students; f) establishing centers of excellence; and so forth.

The event got an over whelming response. Over 175 Vice Chancellors/Rectors/Presidents of

universities/degree awarding institutions of 30 different Islamic countries participated. Over 100 MoUs were also signed on the side-lines of the Forum. A Pakistan universities exhibition was also arranged on the sidelines of the VC Forum showcasing the academic and research programs being offered by different universities across Pakistan. There were more than 50 stalls of different institution at the venue for exhibition. The Directorate of P, D & HRD was the principal organizer and host of the said Forum.

Lecture on Railways: Is Privatization the Best Approach: A guest lecture was arranged by Center for Policy Studies on “Railways: Is Privatization the Best Approach” which was delivered by Professor Mark Fagan who is an adjunct lecturer in Public Policy and former senior fellow at the Mossavar-Rahmani Center for Business and Government at Harvard Kennedy School via video conferencing on October 09, 2013.

Seminar on Economy of Pakistan - The Way Forward: The seminar was arranged by CPS on October 12, 2013. The participating guest speakers shed light on the factors behind the continuous deterioration of the economy and provided feasible solutions based on their experiences during their association with the government(s) and in the private sector.

International Workshop on Doing Business with China:

CIIT organized an international workshop titled “Doing Business with China” from November 6-7, 2013. The theme of the workshop was to provide the necessary skill set to Pakistani businessmen which would enable them to initiate/upgrade their business with China. Technical sessions on “Doing business with China: China Pakistan Information Corridor” and “China's Market Place” were arranged. Mr. Akram Zaki, Former Secretary General Ministry of Foreign Affairs, Mr. Zia Mian, CEO Global Industries Solutions, China, Mr. Noman Waseem, Director Supreme Technocrafts, Professor Li Xiguang, Dean/Director Center for Pakistan Culture and Communication Studies, Tsinghua University, Beijing etc. spoke on the occasion. Senator Mushahid Hussain also addressed the gathering on the importance of relationship between Pakistan and China.

Seminar on Promoting Civic Responsibility:

The seminar was arranged by CPS in collaboration with Hanns Seidel Foundation on November 26, 2013. The seminar was addressed by ten speakers which were drawn from a broad spectrum including scholars and civil society activists. The objective of the seminar was to highlight the fact that civic

responsibility is an important issue faced by the society and needed looking from various aspects.

Seminar on Managing the Exchange Rate in Unstable Conditions:

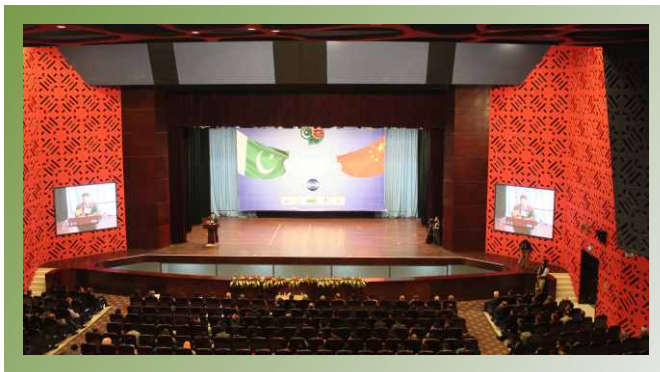
This seminar was arranged on May 21, 2014 by Center for Policy Studies (CPS).

Pak-China Business Forum 2014:

CIIT introduced an academia driven model of business cooperation by conducting Pak-China Business Forum (PCBF) for the very first time in 2012. Continuing the tradition, the 3rd PCBF was held from March 21-24, 2014. The forums' main objective is to promote academia-industry collaboration in business and economic sectors for mutual benefit of Pakistan and China.

Grand business and technology show (PCBF 2014) was inaugurated by Federal Minister for Science and Technology, Mr. Zahid Hamid at Pak China Friendship Center on March 21, 2014. The opening session was also addressed by the officials of the Ministry of Foreign Affairs and the Federation of Pakistan Chamber of Commerce and Industries. This year around 130 Chinese and 100 Pakistani companies displayed their equipment and appliances in the forum. Approximately 100,000 visitors including





students, academia, entrepreneurs and representatives of different companies and enterprises attended the forum this year. More than 70 MoUs were also signed during the forum.

During the forum, Deputy Ambassador of China to Pakistan Mr. Yao Wen while addressing the closing ceremony of PCBF 2014 on March 24, 2014, also announced that China is interested to set up Silk Route Economical Belt and Marine Economical Route to boost economical ties among South Asia, Central Asia and Middle East.

Workshops under the Initiative of INIT: The Inter Islamic Network on Information Technology (INIT) was established pursuant to the resolution of the 10th General Assembly Meeting of the COMSTECH held on February 16-18, 2002 at Islamabad, Pakistan. The initiative was taken in order to comply with the desires of the Muslim community for utilizing, directing and encouraging the use of IT and associated systems to promote collaboration and cooperation in building human resources and institutional capacity in OIC member states. INIT administers multiple programs devised to achieve its objectives. During the reporting year, INIT organized a '**Regional Consultative Workshop on National Innovation System and Intellectual Property (Asian Region)**' from October 7-9, 2013 at Islamabad, Pakistan. The workshop was attended by over 60 participants representing 49 institutions from 8 countries i.e.

Bangladesh, Iran, Kazakhstan, Malaysia, Nepal, Pakistan, South Korea, and Sri Lanka.

Similarly, an '**International Training Workshop on Internet Security: Enhancing Information Exchange Safeguards**' was convened from December 9-13, 2013 at the Nabeul, Tunisia; wherein, 35 young researchers, practitioners, academicians, system administrators and programmers working in field of internet /information security from Algeria, Iran, Morocco, Pakistan, Sudan, Tunisia, and Turkish Republic of Northern Cyprus participated.

Islamabad Campus

Seminar on Ion-beam Induced Magnetic Nanostructures of Fe Grown on Cu(100): The seminar was organized by the Department of Physics on September 05, 2013.

Seminar on Lion Roars and Electron Velocity Distribution in the Terrestrial Magneto Sheath: The seminar was organized by the Department of Physics on September 26, 2013.

Seminar on Applications of Plasma in Manufacturing Industry: The seminar was organized by the Department of Physics on October 03, 2013.

29th International SPELT Conference:

Department of Humanities, organized “29th SPELT (Society of Pakistan English Language Teachers) International Conference” from November 1-3, 2013 in collaboration with SPELT Islamabad Chapter. The conference was attended by more than 500 English Language teachers, practitioners, researchers and students from all over the country.

Seminar on Monte Carlo Simulation Techniques and Applications in Neutron Dosimetry:

The seminar was organized by the Department of Physics on November 07, 2013.

Seminar on Optical Applications Based on Nanostructures: From Metamaterials to Holograms:

The seminar was organized by the Department of Physics on December 12, 2013.

Seminar on Analytical and Computational Aspect of Common Fixed Point Problem:

The seminar was organized by the Department of Mathematics on January 13, 2014.

International Conference on Asian Monsoon and Climate Change:

The Center for Climate Research and Development (CCRD) and Department of Meteorology at CIIT in association

with the Potsdam Institute for Climate Impact Research of Germany and International Center for Climate and Environment Sciences, Institute of Atmospheric Physics of China, organized an international conference on Asian Monsoon and Climate Change from January 20-21, 2014. A large number of leading scientists and researchers at the international and national level participated in the event. The conference provided a platform for presentations, scientific discussions and knowledge sharing on the variability of the monsoon and its relationship with the changing climate system. Around 30 presentations were made during the two day proceedings.

Training on Supply Chain Management:

COMSATS Center for Executive Development held its first two-days training course on “Supply Chain Management” from February 27-28, 2014. Approximately twenty participants from various organizations, including Shifa International Hospital, Pearl Gas Private Ltd., and the Higher Education Commission of Pakistan attended the training.

Training Course on Advances in Collection of Microorganisms and Cell Cultures:

This one day training course was organized by the





Department of Biosciences on March 11, 2014.

Seminar on Fuzzy Fixed Points for Fuzzy Mappings in Metric Spaces: The seminar was organized by the Department of Mathematics on March 26, 2014.

Seminar on Remote Sensing of Air Pollution that People can See: Department of Meteorology organized the seminar on April 07, 2014. Dr. Imran Shahzad, Assistant Professor, Department of Meteorology, CIIT was the presenter of the seminar.

Seminar on Developmental Psychopathology: The seminar was arranged by the Department of Humanities on April 08, 2014. The seminar was intended to provide an overview of major concepts, issues and research in the field of developmental psycho pathology. It highlighted the key themes with reference to the intersection between normative and atypical development.

Seminar on Numerical Investigation of Incompressible and Compressible Two-Phase Flows: The seminar was organized by the Department of Mathematics on April 09, 2014.

Talk on A Journey to Islam: The talk was arranged by the Department of Humanities on April 22, 2014. It was delivered by Ms. Kristiane Backer, TV presenter, journalist and author of the book titled "From MTV to Mecca".



Interactive Workshop on Effective Presentation Skills: This Interactive workshop was organized by the Department of Humanities on May 7, 2014. Dr. Suhail Farooq, Head of Training and Development, Shaigan Pharmaceuticals, Rawalpindi was the guest trainer.

Seminar on Monitoring of Drinking Water Quality to Ensure Supply of Clean Water: The seminar was organized by the Department of Meteorology on May 08, 2014 and Ms. Jawairia Imtiaz, Lecturer was the resource person.

Seminar on Investigation of Mechanisms to Detect Recurrence of Droughts in South Asia with Special Reference to Pakistan: The seminar was organized by the Department of Meteorology on May 19, 2014. Mr. Azmat Hayat Khan, PhD Scholar, Department of Meteorology was the presenter of the seminar.

Seminar on Impact of Climate and Urbanization on Dengue Transmission in Different Regions (Lahore, Karachi and Twin Cities) of Pakistan: The seminar was organized by the Department of Meteorology on May 26, 2014. Ms. Bushra Khalid, PhD Scholar, Department of Meteorology presented her research work in the seminar.

Talk on Pursuit of Knowledge and Health: The

talk was arranged by the Department of Humanities on May 28, 2014. The talk was delivered by the legendary cricketer Mr. Majid Khan.

Workshop on Stress Management: The workshop was organized by the Department of Humanities on May 29, 2014. The idea behind organizing this workshop was that faculty should take care of themselves, so they can better take care of students.

Training on Community Based Disaster Risk Management: CCED organized this 02-days training from June 17-18, 2014. The training provided the latest knowledge of the subject best practices to help disaster professionals and interested learners to excel in their careers and enrich their portfolios by learning and practicing for the good of their communities and organizations.

Thesis Show 2014: The Department of Architecture and Design presented for the first time a Thesis Show of two of its programs; Architecture and Design. 32 students of B. Arch and 16 students of B. Design displayed their thesis at the Department in Islamabad campus. The function was inaugurated by Rector CIIT on June 20, 2014, and was attended by a large number of faculty, staff as well as students.

Symposium on Fuel Cells and Energy Storage Technologies, Problems and Solutions: One day symposium was arranged by the Department of Physics on June 23, 2014.

Seminar on Uniformly Convex and Bazilevic Functions: The seminar was organized by the Department of Mathematics on July 10, 2013.

Trainings under CISCO Networking Regional Academy: Established in 2001, the CISCO Regional Academy is an important initiative of the COMSATS Institute of Information Technology, Islamabad. The Regional Academy primarily trains the instructors, besides, running different networking professional courses developed by CISCO and liaises with CISCO in providing technical assistance to the local academies (LAs). It has so far established 22 LAs in the institutions of higher learning, both in the public and private sector. During the reporting year, the Regional Academy has organized 11 specialized training courses with a total of 150 participants

Abbottabad Campus

Forum Looking Ahead 2013: The second forum on Strategic Planning “Looking Ahead” was held at CIIT Abbottabad from August 18-20, 2013. The future direction of the Institute was deliberated and long term goals were enunciated.

Fifth ES-Dev: It was organized by the Department of Environmental Sciences from August 25-27, 2013. Environmentally Sustainable Development (ESDev) series of international conferences was first launched in 2005. Experts from academia, research institutions, and industries presented their work and shared their experiences and expertise. This time in ESDev-2013, two topics of significant importance both at nation and international level were also included. The topics were Drugs Development – Synthetic and Natural and Livelihood – conflict and Human Security.

International Strategic Workshop of Himalayan University Consortium: The



“International Strategic Workshop of Himalayan University Consortium (HUC) on Strengthening Educational and Research Collaboration among the Hindu Kush Himalayan (HKH) Universities for Promoting Sustainable Mountain Development in the HKH Region” was held from October 28-29, 2013. More than 50 renowned scholars and eminent personalities from different universities from all over the world took part in the workshop. The primary goal of the workshop was to catalyze, facilitate, and accelerate interdisciplinary exchange, discussions and collaboration among the HUC members with the aim of creating a common educational and research development agenda using the platform of the HUC.

Fifth SAICON: Since 2008, CIIT has been annually organizing “The South Asian International Conference” (SAICON) as the custodian of the South Asian Chapter of the Academy for Global Business Advancement (AGBA). CIIT organized fifth SAICON from December 4-6, 2013. The theme of the conference was “Management, Innovation, Leadership, Economics and Strategy”. Embarking upon a mission to bridge the research gap in South Asia, the objective of SAICON 2013 was to provide a smooth flow to academia, researchers, entrepreneurs, and professionals in venturing dynamics of business, economics, information and engineering technologies, and social sciences.



Workshop on Clinical Pharmacy: This 02-days workshop was organized by the Department of Pharmacy from December 16-17, 2013. The guest speaker was Dr. Zaheer-Ud-Din Babar, Head of Pharmacy Practice, School of Pharmacy, University of Auckland, New Zealand.

Workshop on Modern Techniques in Structural Chemistry and Structural Biology: Department of Chemistry organized this 02-days workshop from April 17-18, 2014 in collaboration with International Centre for Chemical and Biological Sciences (ICCBS), Karachi. The aim of this workshop was to focus on a wide spectrum of modern techniques in structural chemistry and structural biology and relevant topics.

International Workshop on Strengthening Research, Education and Advocacy in Conflict, Peace and Development Studies in Nepal, Sri Lanka and Pakistan: This 04-days workshop was organized by Department of Development Studies from May 11-15, 2014. High level delegations from partner institutions and countries that is Tribhuvan University (TU), Nepal; Ruhuna University (RU), Sri Lanka and Norwegian University of Life Sciences (NMBU), Norway attended the workshop. In addition to the relevant public sector national institutions, delegations from Norwegian Church Aid, Islamabad and University of Mainz Germany also participated in the workshop.

Eighth Technomoot: CIIT Abbottabad organized its eighth high-tech national level event consisting of seminars, symposia and exhibitions under the umbrella of Technomoot 2014 from May 12-13, 2014. Technomoot 2014 comprised the following activities EMCOT (Electrical Engineering), Computational Complexities, Innovations, and Solutions (CCIS, Mathematics), CSE, Vision ICT (Computer Science), Miles (Management Sciences), S-Dev (Environmental Sciences, Chemistry, Pharmacy, and Development Studies), and Height (Humanities).

Wah Campus

Seminar on Pakistan's Relations with its Neighboring Countries: The seminar was arranged by the Department of Management Sciences on September 18, 2013. The guest speaker was Mr. Yasir Mahmood, Director South Asia Division, Ministry of Foreign Affairs.

Visio Spark 2013: CIIT Wah always remained prominent in the development of IT, Engineering and other Computer Science related fields in Pakistan. In 2003, the Campus laid down the foundation of a mega IT event Visio Spark to

provide a platform to the young scientists and researchers to share their views and ideas. Apropos, this year Department of Computer Science conducted annual national level mega event on October 26, 2013. The teams from fifteen universities and educational institutions participated.

Seminar on Networking with IPv4 and IPv6: The seminar was organized by the Department of Electrical (Telecommunication) Engineering on November 06, 2013. The theme of seminar was networking with IPv4 and IPv6. Mr. Umar Gul, Chief Executive Officer, CISCOM was the Chief Guest.

Eleventh International Conference on Frontiers of Information Technology (FIT): FIT 2013 was held from December 16-18, 2013. This was the 11th consecutive year that CIIT has organized this event. The FIT traditionally, had been trying to enthruse research interest among young researchers by introducing them with ever changing horizons of information technology. This year "Big Data" was the theme of the conference. The conference started with a keynote address, delivered by Professor Dr. Elisa



Bertino from Purdue University, USA. The conference was attended by world renowned scholars and researchers from different parts of the world including USA, UK, China, Australia, Kuwait, Austria, Estonia and Pakistan.

Seminar on Public and Business Policies: The seminar was arranged by the Department of Management Sciences on April 02, 2014. The second seminar of the series was organized on April 16, 2014.

Workshop on Introduction to Traffic Engineering and Traffic Analysis using Simulation Software: The seminar was organized by the Department of Civil Engineering from April 3-4, 2014. Workshop was conducted by Dr. Kamran Ahmed, a Certified Traffic Signal Operations Specialist (TSOS) in USA.

Seminar on Quality Control and Assurance: The seminar was organized by the Department of Management Sciences on April 15, 2014. The guest speaker was Syed Asad Abbas, Manager Quality Control & Assurance, Pakistan Tobacco Company.

Seminar on HRM Practices in Public Sector of Pakistan: The seminar was arranged by the Department of Management Sciences on May 07, 2014.

Lahore Campus

Seminar on Mapping Knowledge Flows in Scientific Research: The seminar was organized by the Department of Computer Science on July 07, 2013.

Workshop on Fourier Transform Infrared (FTIR)

Spectroscopy: The workshop was organized by Interdisciplinary Research Centre in Biomedical Materials on September 05, 2013. The objective of the workshop was to provide knowledge/training about practical and theoretical aspects of both modes of FTIR and an overview of biological sample testing.

Seminar on Use of Neuro- Linguistic Programming (NLP) to Gain Self-Competence: The seminar was organized by the Department of Humanities on October 10, 2013.

Seminar on Significance of SME and Agriculture for Pakistan: The seminar was organized by ORIC on October 24, 2013 to create awareness of SME and agriculture. The key speaker for the seminar was Mr. Ali Raza, Head Agri and Agri SME, Faisal Bank Ltd.

Third Physics Colloquium: The third series of Physics Colloquium was organized on Public-Private Partnership on November 20, 2013. The objective of the colloquium was to introduce and motivate students towards the new research trends within the scientific community and how various laws and theories can be pictured into reality for the material well-being of the serving humanity.

Seminar on Diversity Challenges and Management: The seminar was organized by the Department of Management Sciences on December 02, 2013. Dr. Bahaudin G. Mujtaba, H. Wayne Huizenga School of Business and Entrepreneurship, Nova Southeastern University was the key speaker of the seminar.

Seminar on GUI and 3D Animation in MATLAB: The seminar was organized by the Department of

Electrical Engineering on December 12, 2013. The purpose of organizing such seminar/training was to facilitate and enhance the simulation skills of researchers/ students in their research and projects.

Seminar on Role of Youth in the Formation of Drugs Free Educational Institutes: The seminar was arranged by the Department of Management Sciences on December 17, 2013 to create awareness and shed light on importance of developing drug free Institution.

Global Forum on Islamic Finance: CIIT Lahore organized the second annual three days Global Forum on Islamic Finance (GFIF) from March 10-12, 2014. GFIF comprised of conference sessions, panel discussions, meetings and exhibition. It encouraged researchers, practitioners, government and private financial institutions, academicians and other stakeholders from across the world towards generation and exchange of knowledge, issues and solutions in the field of Islamic Finance. Mr. Zahid Hamid, Federal Minister for Science and Technology, Chancellor CIIT presided its opening ceremony while Senator Mohammad Ishaq Dar, Federal Minister for Finance, Commerce and

Industries addressed through video conference.

International Conference on Impact of Nanosciences on Energy Technologies: This three days international conference was organized by Department of Physics from March 18-20, 2014. The purpose of the conference was to bring together ideas from all over the world in developing environmentally and economically sustainable nanotechnologies in energy sector. The researchers, engineers, academicians as well as industrial professionals from diverse backgrounds shared their thoughts. Few of the prominent speakers of the conference were Prof. Bin Zhu, KTH, Sweden, Prof. NM Butt, Chairman, (PINSAT, Islamabad), Dr. Khurram Saleem Joya, King Abdullah University of Science and Technology (KAUST).

Seminar on Quality of Service and Content Aware Service Discovery Framework for Distributed Embedded Real-Time Systems: The seminar was organized by the Department of Computer Science on April 25, 2014.

Symposium on Mathematics and Statistics: The symposium was organized by the Department of Mathematics on May 03, 2014.





The objective of the symposium was to share knowledge, discuss usage of mathematical finance, and recent development in number theory and geometry.

Seminar on Developing Professional Résumés:

The seminar was organized by the Department of Humanities to aware students as to how to write a professional résumé on May 07, 2014.

Workshop on Thermo Gravimetric Analysis and Differential Scanning Calorimetry (TGA-DSC):

The workshop was organized by the Interdisciplinary Research Center in Biomedical Materials (IRCBM) on May 15, 2014. The objective of the workshop was to understand the practical and theoretical aspects of TGA and DSC instrumentation.

Seminar on Analysis using SPSS, STATA, and AMOS:

The seminar was arranged by the Department of Statistics on May 23, 2014. The objective of the seminar was to provide training of data analysis using SPSS, STATA, and AMOS.

Seminar on Building Brands with Marketing Professionals:

The seminar was arranged by the Department of Management Sciences on May 23, 2014 to enlighten students about how advertising and media agencies work closely with the client to gather information and pitch their campaign.



Attock Campus

Symposium on Research Innovations in IT and Engineering:

The symposium was organized by the Departments of Computer Science and Electrical Engineering from April 15-16, 2014. The symposium provided the opportunity for researches within CIIT as well as from other universities to share their research innovative ideas, presents their ongoing research work and act as bridge between academia and industry persons.

Sahiwal Campus

Workshop on Corrosive Prevention:

The workshop was organized by the Department of Mechanical Engineering from July 22-26, 2013 in which Dr. Ihsan-ul-Haq Toor gave lectures to the faculty of the department. Dr. Ihsan is working as a faculty in the Department of Mechanical Engineering at King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia.

Seminar on Linking Commercial Dairy Breeders/ Stakeholders, Research and Academia in Sahiwal Region to Enhance the Pace of Genetic Improvement of Sires through Modern Genetic and Breeding Interventions:

The seminar was arranged by the Department of

Biosciences from October 9-10, 2013. This seminar was about how to improve the genetic structure of Sahiwal cows and bulls.

Seminar on Solar Energy: Department of Mechanical Engineering organized this seminar on October 22, 2013. Prof. Dr. M. A. K. Lodhi addressed the topics related to solar energy during the seminar.

Workshop on Research Proposal Writing (Qualitative, Quantitative and Mixed Methods Research Design): The workshop was organized by the Department of Management Sciences on December 12, 2013.

Workshop on Computerized Accounting using Peachtree Quantum (A Case Study of the Trading Company): The workshop was organized by the Department of Management Sciences on December 20, 2013.

Workshop on Panel Data Estimation Techniques and Analysis using EViews (Econometrical Software): The workshop was organized by the Department of Management Sciences on December 23, 2013.

Seminar on Academic Regulations and Research Activities in Germany: The seminar was organized by the Department of Management Sciences on January 31, 2014. Dr. Qaisar Abbas, Dean, Faculty of Business Administration gave an overview about German research collaboration, funding opportunities and their academic system. He focused two main funding organizations namely DAAD and Erasmus Mundus scholarship European Commission during presentation of this seminar.

Seminar on the Campylobacter Control in Poultry:

The seminar was organized by the Department of Biosciences on February 25, 2014. It was about the health awareness on campylobacter control in poultry.

Workshop on Air Vehicle Design: The workshop was organized by the Department of Mechanical Engineering on March 12, 2014. Flying officer Waqas Kamal was the resource person. He is an aerospace enthusiast of Aerospace Design activities. He delivered his talk on critical design consideration for RC airplane.

Workshop on Java Desktop Application and Object Orientated Programming (OOP): The workshop was organized by the Department of Computer Science from March 24-25, 2014. The basic purpose of the event was to give a brief introduction of OOP to the newly admitted students. JAVA desktop application development was also a part of the workshop.

Seminar on Ecology, Environmental Problems and Faith-Based Solutions: The seminar was arranged on April 28, 2014 by the Department of Management Sciences. Prof. Dr. Hafiz Umair Qureshi was the resource person who did his PhD in Biology from University of Wales and has been working in Saudi Arabia and UK ever since.

Workshop on Financial Econometrics: Estimation and Analysis using EViews: This 2-days workshop was organized by the Department of Management Sciences from May 13-14, 2014.

Seminar on Effective CV Writing, Interview and Salary Negotiation: The seminar was arranged by



the Department of Computer Science on May 27, 2014.

Vehari Campus

Second National Conference on Advancements in Sciences and Research: The conference was organized on March 17, 2014. The aim of the conference was to bolster the development of principles, programs and practices for establishment and advancement in all major disciplines of Science. The conference encouraged interactions among scholars, scientists, technologists and industrialists by providing a platform to share among them their cutting-edge findings and innovative ideas in respective fields.

Foreign Research Collaborations

➤ **Abdus Salam International Centre for Theoretical Physics:** Department of Meteorology, CIIT Islamabad signed a MoU with the Abdus Salam International Center for Theoretical Physics (ICTP), Trieste, Italy on March 10, 2014. The areas of collaboration under this MoU include initiation of research endeavors in the area of Asian monsoon predictability and to organize conferences, workshops and summer schools.

➤ **Karlsruhe Institute of Technology, Germany**

(KIT): CIIT engagement with KIT focuses on meteorology and water resources. Under this MoU, workshops and research have been conducted on “Sustainable Management of Water Resources.” In addition, a joint project on “Sediment Management of Large Dams: Case Study, Indus at Tarbela Dam, Pakistan” is underway.

➤ **Technical University Berlin, Germany (TUB):** CIIT-TUB collaboration encompasses the field of nanotechnology. Currently, a CIIT faculty member is conducting research at the German partner institute.

Moreover, the following members of CIIT are doing research in collaboration with various foreign universities:

1. Dr. Atiq ur Rehman, Assistant Professor, Department of Mathematics, CIIT Attock (University of Zagreb, Zagreb, Croatia)
2. Dr. Muhammad Awais, Assistant Professor, Department of Mathematics, CIIT Attock (King Abdulaziz University, Saudi Arabia and The University of Burdwan, West Bengal, India)
3. Mr. Salman Ahmad Awan, Lecturer, Department of Management Sciences, CIIT Attock (Pakistan Service Research Center, Karlstad University Sweden)

4. Dr. Shafiq Ur Rehman, Assistant Professor, Department of Mathematics, CIIT Attock (University of Bucharest, Romania and University of Iowa, USA)

5. Dr. Ghulam Farid, Assistant Professor, Department of Mathematics, CIIT Attock (University of Zagreb, Zagreb, Croatia)

Mobilities under EMMA Program

The Erasmus Mundus Mobility Program for Asia (EMMA) of which CIIT is one of three Pakistani

partners, which offers student and staff mobilities to partner institutions in the European Union.

In the latest application round of the EMMA Program, 7 applicants from CIIT were declared successful for mobilities; 2 for doctoral research, 2 for MS studies, 2 for undergraduate studies and 1 for Staff training. The selectees, listed below, are expected to take up their mobilities at the host universities from Fall 2014 semester.

| # | EMMA Awardees | University |
|---|--|---|
| 1 | Mr. Hassan Imam, PhD Student, Lahore Campus | Lucian Blaga University, Sibiu, Romania |
| 2 | Ms. Faiza Sundus, PhD Student, Islamabad Campus | University of Padua, Italy |
| 3 | Mr. Jaiky Kumar, MS Student, Lahore Campus | University of Nice, France |
| 4 | S. Ihsanullah Shah, MS Student, Abbottabad Campus | Lucian Blaga University, Sibiu, Romania |
| 5 | Shazia Shabbir, Staff Member, Quality Enhancement Cell | University of Heidelberg, Germany |
| 6 | Wajeeha Qamar, BS Student, Islamabad Campus | University of Heidelberg, Germany |
| 7 | Maryam Rehman, BS Student, Islamabad Campus | University of Heidelberg, Germany |

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 are Duzce University, Dicle University, and Mugla Sitki Kocman University. So far applications of 12 students and 6 faculty members have been forwarded for Fall 2014 semester.



QUALITY ASSURANCE 3

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. 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 and development. 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.

'W' Category by HEC

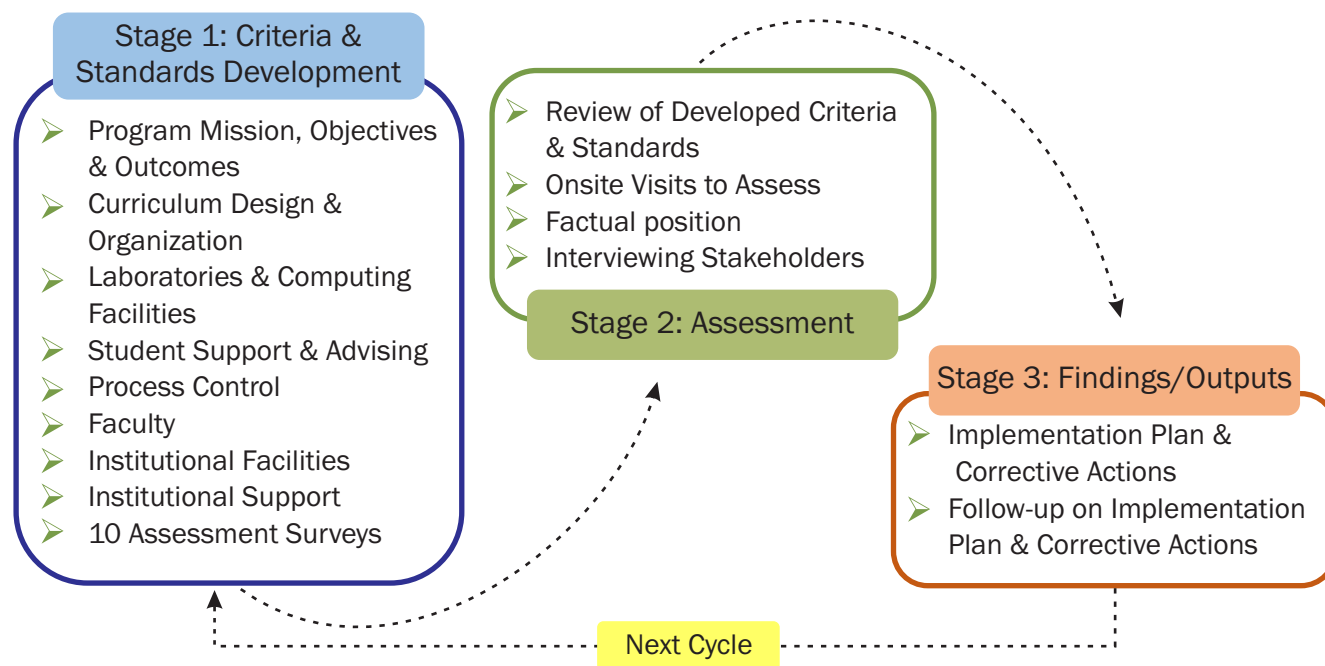
For making CIIT a quality-centric institution, the QEC performs various assignments. The achievement of highest 97.1% marks, as per quantitative assessment results announced by Quality Assurance Agency (QAA) of HEC in October 2013, showed the commitment of QEC in promoting quality culture and establishing quality processes at CIIT. QEC of CIIT has been continuously rated in the top category of 'W'.

The following are the major activities carried out by QEC during the reporting period:

A. Quality Assurance and Assessment Process (QAAP) of Academic Programs

QEC facilitates the implementation of QAAP and works on the development of quality enhancement framework that ensures the quality of student learning experience and simultaneously provides confidence to all stakeholders in the quality standards.

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 department and university as per assessment criteria provided by the QAA of HEC. The quality assurance and assessment process of academic programs is as follows:



During the reporting period, the QAAP of 05 programs of the Architecture and Design (April 28, 2014) and Electrical Engineering (April 30, 2014) departments of Islamabad campus was completed.

Assessment survey is an integral part of QAAP and to make it more efficient, transparent and expressive; QEC developed a Uniform Assessment Survey (UAS) Policy for implementation across CIIT which was presented to the Central Executive Committee meeting in May 2014 for review and approval.

B. CIIT Rankings

1. QS University Rankings (World and Asian)

CIIT attained position in 201-250 range of top Asian Universities by QS Asian University Rankings. The ranking exercise was completed and presented to QS authorities by the QEC.

2. HEC Rankings

QEC oriented itself to the improvement of quality, and in this endeavor, successfully helped in making QA procedures and practices a part of the university management. To this effect, it performed the major task of filling up of the HEC ranking proforma and submitting the complete document along with evidences to HEC, etc. QEC presented the CIIT case in February 2014 for the ranking 2014. Previously, CIIT was included in the league of higher universities and was placed at No. 4 as announced by the HEC on July 5, 2013.

C. Participation in Meetings of Statutory and Non-statutory Bodies

QEC also participated in more than 85 meetings of the CIIT statutory and non statutory bodies and reviewed the agenda and working papers, provided significant input on the quality of academic programs, courses and scheme of studies, and contributed in preparation of new



academic programs and overall processes and practices at CIIT. On the basis of the critical QEC review, QEC developed and restructured the MS English (Linguistics & Literature) program for Department of Humanities, CIIT.

D. External Institution Performance Evaluation of CIIT by QAD, HEC

First Institutional Performance Evaluation of CIIT was performed by HEC Review panel of Quality Experts, from December 11-12, 2013. For this review, QEC presented a detailed University Portfolio Report to HEC in January 2013 with 8 Institutional Performance Evaluation Standards (IPE).

E. Third Party QEC Audit by World Bank Experts

HEC organized a third party QEC audit by the World Bank Experts on October 23, 2013 for the first time in order to review the complete QEC progress and validation of all QEC documents with earned QEC marks by HEC scorecard.

F. PhD Program Review by HEC

QEC prepared the information based on PhD scholar, department offering PhD programs and relevant supporting evidences, as per HEC requirements and submitted to HEC in April 2014.



G. Assurance of Quality: ISO Certification

QEC is also involved in implementation of ISO standards and processes. 2nd Annual Surveillance Audit in this regard was conducted in August 2013. Some of the engagements in this regard during the reporting period were as follows:

- Conducted training sessions of the focal persons and internal audit team of Principal Seat (PS) offices in June-July 2013
- Organized and conducted the internal audit of offices/departments of Principal Seat for the first time in July 2013
- Prepared, planned and conducted ISO external audit from August 21-28, 2013
- Planned, organized and conducted a day-long meeting/workshop on ISO progress and guidelines for further action on ISO standards implementation with Management Representatives (MRs) of all campuses in September 2013
- Planned, organized and conducted 2-days training of MRs, focal persons and internal audit team of PS and Islamabad campus in January 2014
- Conducted internal audit of PS offices by Incharge QEC as member, internal audit team,

from March 7-11, 2014

H. External relations with other universities and forum

Another accomplishment of the QEC of CIIT is its outreach to HEC and different universities in the country for imparting quality awareness and quality assurance practices to the faculty, university management and administration. Incharge QEC conducted Institutional Performance Evaluation of Lahore College for Women University Lahore as HEC's Quality Expert from December 3-4, 2013.

Membership of Associations / Networks

To promote the quality culture and research that is at par with the international quality assurance

standards, QEC has acquired CIIT's membership of international Associations/Networks dealing with the quality of education, such as International Network for Quality Assurance Agency in Higher Education, Asia-Pacific Quality Network, CHEA International Quality Group. These memberships are ongoing.

Accreditation of Academic Programs from Relevant Councils

The accreditation of programs is being done at the departmental level. 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



FACULTY DEVELOPMENT 4

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.

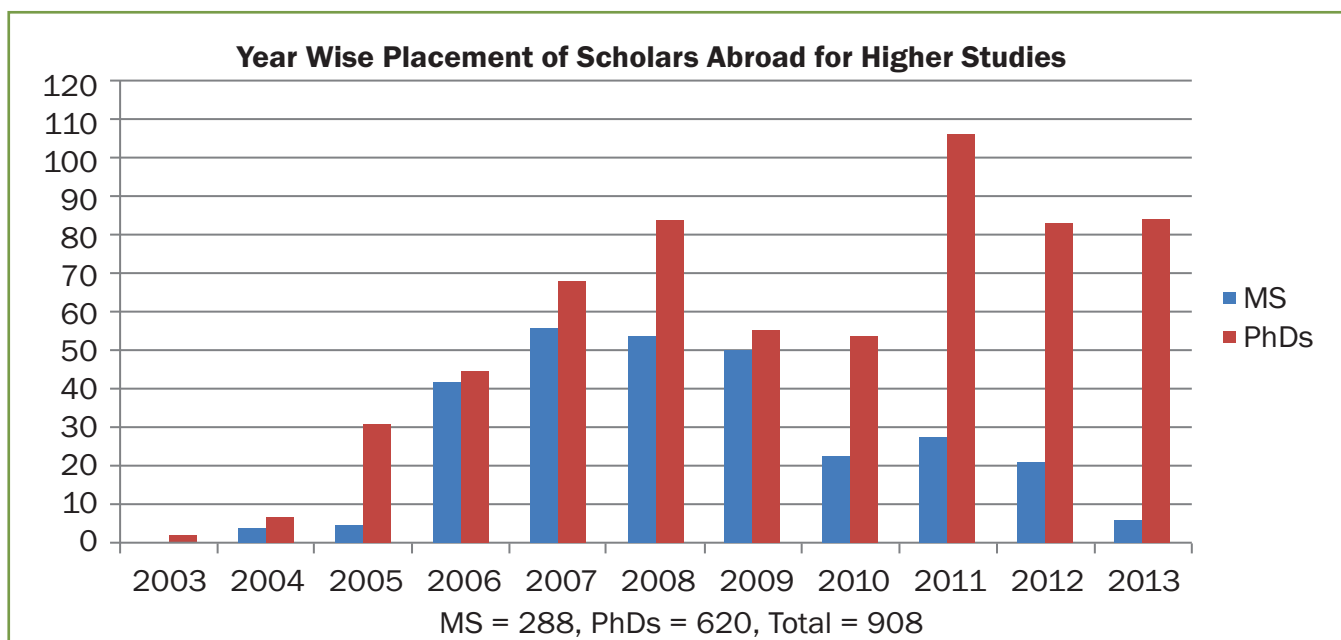
Human Resource Development

Academic and professional development opportunities for university faculty and staff at all levels of experience are life blood for a quality academic institution. The size of human resource development (HRD) programs at the CIIT is one of the largest being run by any university/degree awarding institution in Pakistan and second only to the programs being run directly by the HEC itself. These programs are (conceived, developed and) administered by the P, D & HRD.

The P, D & HRD assists the CIIT in developing HRD strategies and practices integrated with realizing the institutional vision and mission, so that they complement and support each other. The well-

articulated HRD program at CIIT has proceeded well, helped the CIIT in building one of the excellent faculty ensembles in the country and is much hailed nationally and internationally to have produced results within a short time period. A number of funding opportunities have been arranged under the aegis of different developmental projects to allow for the professional growth of the CIITs faculty and staff.

The HRD planning process starts with conducting a comprehensive needs assessment to identify the training needs and to strategically plan for addressing them for enhanced institutional performance. During the preceding 10 years, over 325 fully funded scholarships have been awarded to allow the CIITs faculty/staff to pursue their higher studies at some of the best universities in the world. Until this date, 147 MS and 72 PhD scholars have successfully completed their studies, returned back and are serving the CIIT. Nearly 100 scholars (almost all for PhD) are currently pursuing studies abroad on CIIT funding.



It is important to note that the internationalization efforts at the CIIT have their home in the implementation of HRD programs. The extensive rapport initially built and strengthened under the aegis of HRD programs and the excellent performance of scholars at the universities' abroad have become the bedrock of the internationalization drive. The excellent institutional relationship between CIIT and the British universities established and promoted under the aegis of HRD programs was commemorated by the visit of British Prime Minister to CIIT, Islamabad Campus in May 2011.

Getting quality education, exposure to the cutting edge research, prospects of strengthening linkages with universities abroad and the scholars taking up productive work immediately upon their return back are the guiding principles

of CIITs HRD program. The painstaking yet rewarding experience of investing in the able youth has helped CIIT to attain 2nd position in research productivity among over 150 public and private sector universities/degree awarding institutions in Pakistan. This is heartwarming, especially so, because the CIIT has a life of just 14 years.

Scholars Studying Abroad

During the reporting period, 98 scholars were sent abroad to pursue MS/PhD degrees in various disciplines. Out of these 98 scholars, 09 went for MS, 89 for PhD. The summary of all scholars (still working for CIIT) who went abroad for higher studies till June 30, 2014 is given below:

CIIT Scholars as on June 30, 2014 Source-Wise

| Campus | CIIT | | HEC | | Self-Finance | | Others | | Total |
|------------|---------|-------------|---------|-------------|--------------|-------------|---------|-------------|-------|
| | Faculty | Non-Faculty | Faculty | Non-Faculty | Faculty | Non-Faculty | Faculty | Non-Faculty | |
| Abbottabad | 14 | 1 | 24 | 1 | 17 | 2 | 58 | 3 | 120 |
| Islamabad | 59 | 2 | 20 | 1 | 24 | 2 | 79 | 2 | 189 |
| Lahore | 23 | 1 | 16 | 1 | 11 | 6 | 59 | 7 | 124 |
| Wah | 6 | 0 | 6 | 0 | 6 | 1 | 24 | 1 | 44 |
| Attock | 2 | 0 | 3 | 0 | 2 | 2 | 8 | 0 | 17 |



| | | | | | | | | | |
|----------------|------------|----------|-----------|----------|-----------|-----------|------------|-----------|------------|
| Sahiwal | 4 | 0 | 0 | 0 | 1 | 1 | 6 | 0 | 12 |
| Vehari | 4 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 6 |
| Virtual Campus | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Principal Seat | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 4 |
| Total | 112 | 5 | 69 | 3 | 62 | 17 | 235 | 14 | 517 |

The program wise break up is as below:

CIIT Scholars as on June 30, 2014 Program-Wise

| Program | CIIT | | Others | | Total |
|--------------|------------|-------------|------------|-------------|------------|
| | Faculty | Non-Faculty | Faculty | Non-Faculty | |
| MS | 28 | 3 | 76 | 20 | 127 |
| PhD | 84 | 2 | 281 | 11 | 379 |
| Others* | 0 | 0 | 9 | 3 | 12 |
| Total | 112 | 5 | 366 | 34 | 517 |

*Post Doctoral Fellowship etc.

While the gender wise data shows the breakup of 88% males and 12% females who were on study leave as on June 30, 2014.

Gender-Wise

| Gender | CIIT Funded | Other Sources | Total | %age |
|--------------|-------------|---------------|------------|------|
| Male | 94 | 359 | 453 | 88 |
| Female | 23 | 41 | 64 | 12 |
| Total | 117 | 400 | 517 | |

The Scholars Rejoined

During the reporting period, 34 scholars rejoined CIIT after successful completion of their advanced degree. Out of these 34 scholars, 09 were MS and 24 were PhD, besides 01 other. The summary of all the scholars who have returned and rejoined CIIT till June 30, 2014 is given below:

| Campus | CIIT | | Others | | Total | | Total |
|----------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Faculty | Non-Faculty | Faculty | Non-Faculty | Faculty | Non-Faculty | |
| Abbottabad | 33 | 2 | 45 | 2 | 78 | 4 | 82 |
| Islamabad | 84 | 6 | 61 | 1 | 145 | 7 | 152 |
| Lahore | 40 | 1 | 42 | 2 | 82 | 3 | 85 |
| Wah | 23 | 1 | 18 | 3 | 41 | 4 | 45 |
| Attock | 5 | 0 | 3 | 0 | 8 | 0 | 8 |
| Sahiwal | 5 | 0 | 5 | 0 | 10 | 0 | 10 |
| Vehari | 0 | 1 | 2 | 0 | 2 | 1 | 3 |
| Virtual Campus | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Principal Seal | 0 | 4 | 0 | 0 | 0 | 4 | 4 |
| Total | 190 | 15 | 176 | 09 | 366 | 24 | 390 |

Faculty

As a result of the opportunities provided by the CIIT for faculty development, the number of young PhD faculty is increasing. Out of 2,659 faculty members, 755 are PhD holders, 1,227 have MS/MPhil degree while remaining 677 are sixteen years degree holders. During the reporting period, the designation-wise breakup of faculty is follows:

| Campus | Professor | Academic Advisors | Associate Professor | Assistant Professor | Lecturer | Ra/TAs | Total |
|----------------|-----------|-------------------|---------------------|---------------------|--------------|------------|--------------|
| Abbottabad | 14 | 11 | 18 | 221 | 285 | 48 | 597 |
| Islamabad | 29 | 13 | 31 | 328 | 338 | 179 | 935 |
| Lahore | 11 | 5 | 14 | 224 | 216 | 67 | 537 |
| Wah | 0 | 4 | 8 | 74 | 73 | 8 | 167 |
| Attock | 1 | 1 | 0 | 43 | 71 | 8 | 124 |
| Sahiwal | 0 | | 1 | 55 | 78 | 11 | 145 |
| Vehari | 0 | 1 | 2 | 29 | 57 | 18 | 107 |
| Virtual Campus | 0 | | | | 29 | 18 | 47 |
| Total | 55 | 52 | 74 | 974 | 1,147 | 357 | 2,659 |

Faculty Development Academy

Faculty Development Academy (FDA) has been working on professional development of CIIT faculty of all campuses since October 2011. FDA launches diverse programs of teacher training at different times of the year to enhance the knowledge and skills repertoire of faculty members. The purpose is to transform CIIT trainees into effective teachers, reflective

practitioners, and dynamic role models.

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

- A 5-days workshop on “Analysis of Research Data using SPSS” from September 23-27, 2013.



Thirteen professionals from different domains of life constituted the audience of the course. Mr. Abdul Sattar, an instructor from Federal Bureau of Statistics conducted the workshop.

- A 2-days workshop on “Orientation and Workshop for Faculty /Students for Fulbright Scholarships and GRE/TOEFL Tests” in collaboration with United States Educational Foundation in Pakistan (USEFP) from September 16-17, 2013 at CIIT Islamabad. The purpose of the workshop was to introduce the students and members of CIIT with the Fulbright Scholarship Programs and the required tests for obtaining the scholarships.
- A 2-days workshop on “Outcome-Based Teaching/Learning (OBTL)” from January 20-23, 2014. The purpose of the workshop was to equip the faculty with latest knowledge; current instructional techniques intended to reap the benefits of that learning in real life. Faculty members of various higher educational institutes of the twin cities from multiple disciplines attended the workshop.
- A parallel 2-days workshop for the CIIT members on “Testing and Students' Evaluation” from January 20-23, 2014. Course contents were selected according to the participants' needs. This workshop was designed to orient the



faculty members to develop effective tests of various kinds for students' evaluation in their respective courses.

- A 5-days workshop on “Outcome-Based Teaching/Learning (OBTL)” from February 17-21, 2014 in collaboration with Higher Education Commission (HEC). The workshop was entirely sponsored by HEC and was attended by twenty faculty members hailing from multiple educational institutions of twin cities.
- A one-day program on “Orientation and Workshop for Faculty/Students for Fulbright Scholarships and GRE/TOEFL Tests” on March 27, 2014 in collaboration with United States Educational Foundation in Pakistan (USEFP) at CIIT Abbottabad. The purpose of the workshop was to introduce the students and members to the Fulbright scholarship schemes and the relevant tests required for obtaining the above mentioned scholarship.
- A 5-days course on “Office Procedures and Practices” for OG-I, SG-IV & SG-III staff members of CIIT from April 7-11, 2014. The workshop was organized to equip the participants with standard procedures and practices demanded by the nature of the task at hand. There were 36 participants in all including five from FDA who attended the workshop. The contents of the

training pertained to government structure and hierarchy, official communication, official procedures, filing, noting and drafting, PPRA rules, etc.

➤ Due to an increased demand of the training course on “Office Procedures & Practices”, FDA conducted similar course for another group of OG-I, SG-IV & SG-III staff members from April 21-25, 2014. The course contents were the same as conducted earlier (April 7-11, 2014).

Pre-Service Trainings: FDA organized the following pre-service training for the new inductions during the reporting period:

➤ An 8-weeks pre-service training for 90 newly recruited young teachers from June 23-August 22, 2014. The training was specifically designed

for faculty of both CIIT Islamabad and Wah campuses. The modules /course contents was structured in congruence with the young teachers' needs and requirements of the profession. Special attention was paid to Research module and the participants were grouped according to the demand of their disciplines based on natural and social sciences.

Accomplishments of Foreign Faculty

CIIT makes continuous efforts to attract academics from all over the world to join its faculty in order to enrich its teaching and research programs. Details of academics and scholars who served the CIIT under various programs as well as their achievements and contributions during the reporting period are provided below:



| # | Name/Department/ Campus of Foreign Professor | Research Publication | PhD, MS and BS Student Supervision | Other Achievements |
|---|---|---|--|---|
| 1 | Dr. Dambaru Ballab Kattel Department of Meteorology, CIIT Islamabad | ISI / IF Journal Published = 1 Accepted = 1 Submitted= 1 | MS = 1 | <ul style="list-style-type: none"> ➤ Submitted Project to the Italian Donor Agency. ➤ Organized Preliminary meeting which was held in February for the research collaboration between CIIT with the delegates from Institute of Tibetan Plateau Research, Chinese Academy of Sciences. |
| 2 | Prof. Dr. Iftikhar A Raja Department of Environmental Science, CIIT Abbottabad | ISI / IF Journal Published = 1 Accepted = 1 Submitted= 8 Conference Papers = 12 | MS = 1 PhD = 2 | <ul style="list-style-type: none"> ➤ Linkages and collaboration with European University Madrid (UEM) Spain (in process). ➤ MOU, Research collaboration with REON Energy Solution. ➤ Biogas Plants for R&D, two plants to be installed in the campus by REON Energy Solution. ➤ Research Studentship, one MS/PhD student to work on Biogas plant. |
| 3 | Prof. Dr. Mais Suleymanov Department of Physics, CIIT Islamabad | ISI / IF Journal Published = 15 | | <ul style="list-style-type: none"> ➤ Participate with oral talks in: ➤ The International Conference On High Energy Physics "Physics In Atlas" Baku Azerbaijan, 28-31 October 2013 ➤ III Baku International Humanitarian Forum, Baku Azerbaijan, November 01, 2013 ➤ External examiner for PhD thesis defense in GIK Pakistan. |

| | | | | |
|---|--|--|--------------------------------------|--|
| 4 | <p>Prof. Dr. Nasrullah Khan Department of Electrical Engineering CIIT Islamabad</p> | <p>ISI / IF Journal Published = 3 Conference Papers = 5</p> | <p>MS = 15 PhD = 5</p> | <ul style="list-style-type: none"> ➤ Published article in global research to highlight Indian water terrorism on global media. ➤ Published 6 books in Urdu. ➤ Completed CIIT-NDSU research project. |
| 5 | <p>Prof. Nargis Khalid Department of Architecture and Design, CIIT Islamabad</p> | <p>9 paintings were Exhibited in an exhibition at Kashmir house in Pindi. On Saturday 24th May. Completed a biographical Manuscript which has been accepted for publication by Penguin Random house.</p> | <p>BS = 1</p> | <ul style="list-style-type: none"> ➤ Prepared a mural for the foyer, 28'x4' on Campus life which was inaugurated by Rector on 28-5-2014. It was a one year project, with students who have no painting experience. ➤ In Art Appreciation, introduced music of Romanesque Art alongside paintings of that era. ➤ Made arrangements to introduce documentaries to enhance lectures in History of Philosophy of Art for 1st year Design and Architecture students. ➤ Invited for a presentation on need for Art Education from primary level to College level at Foundation of Museum of Modern Art in Karachi on May 16, 2014. |
| 6 | <p>Dr. Khusniddin Olimov Department of Physics / Islamabad Campus</p> | <p>ISI / IF Journals = 4 Conference Papers = 1</p> | <p>BS = 1 MS = 1 PhD = 2</p> | <ul style="list-style-type: none"> ➤ Recipient of COMSATS Research Productivity Award for 2013. ➤ Initiated linkages with Sankt Petersburg State Polytechnical University, Sankt Petersburg State University and Moscow State University |

| | | | | |
|---|--|--|--------------------------------------|--|
| | | | | <ul style="list-style-type: none"> ➤ (Leading Universities of Russia and Europe) for establishing future collaborations with CIIT in all possible areas of mutual interest. ➤ Introduced music of Romanesque Art alongside paintings of that era. ➤ Made arrangements to introduce documentaries to enhance lectures in History of Philosophy of Art for 1st year Design and Architecture students. <p>Invited for a presentation on need for Art Education from primary level to College level at Foundation of Museum of Modern Art in Karachi on May 16, 2014.</p> |
| 7 | <p>Arch. Uzma Nooreen Zain Ul Abedin Department of Architecture and Design, CIIT Islamabad</p> | <p>ISI / IF Journal = NIL</p> <p>Conference Papers = 01 Accepted</p> | BS = 34 | <ul style="list-style-type: none"> ➤ Principal Investigator for Research Grant awarded by CIIT for a joint research on Documentation of Rawat Fort – Islamabad |
| 8 | <p>Dr Amir Haider Malik Associate Professor, Department of Environmental Sciences, CIIT Islamabad</p> | <p>ISI / IF Journal Published = 4</p> <p>Conference Papers = 5</p> | <p>BS = 1 MS = 1 PhD = 3</p> | <p>CIIT Research Productivity Award for 2013</p> <p>Won two DAAD, Germany funded projects</p> <p>a. 2013-2014 (KIT-CIIT-DAAD)</p> <p>b. 2014-2015 (TUB-CIIT-DAAD)</p> |

| | | | | |
|---|---|---|--------------------------------------|---|
| 9 | <p>Prof. Dr. Mohammad Aslam Khan Department of Physics, CIIT Islamabad</p> | <p>ISI / IF Journal Published= 1</p> | <p>BS = 1 MS = 2 PhD = 3</p> | <ul style="list-style-type: none"> ➤ Developed Research Lab of Laser. Public Lecture on Lasers and some selected applications at Pakistan Academy of Sciences, Islamabad (Video-link Broadcast to universities). ➤ Proposed a New PhD-Level Course on Laser-Matter Interactions. ➤ Editorial Review of Urdu Translation of “100 Reasons to be a Scientist”. Major Review of 19 articles. ➤ Member Board of Studies, PhD Program of NILOP on LASERS. ➤ Visited 3 Universities in the USA and UK for establishing Research Collaborations. |
|---|---|---|--------------------------------------|---|

In addition, the following foreign faculty was engaged at CIIT during the reporting period under Short Term Foreign Faculty Hiring Program (SFHP):

| # | Particulars of Foreign Professors | Benefiting Departments/Campus |
|---|---|--|
| 1 | <p>Prof. Dr. Hafiz Umair Qureshi Academy of Arid Lands Ecology and Greenification, Surrey, UK</p> | <p>Department of Architecture and Design, CIIT Islamabad</p> |
| 2 | <p>Dr. Dambaru Ballab Kattel, Assistant Professor, Institute of Cartography, Dresden University Technology Germany</p> | <p>Department of Meteorology, CIIT Islamabad</p> |
| 3 | <p>Prof. Dr. M. Rafique Mughal, South Asian Archeology and International Heritage Management, Boston University, USA</p> | <p>Department of Architecture and Design, CIIT Islamabad</p> |

Besides, the Achievements/Research Productivity of scholars selected under IPFP of HEC in CIIT system is given below:

| # | Name/Department/ Campus of Foreign Professor | Research Publication | PhD, MS and BS Student Supervision | Other Achievements e.g. Research Project, Patent Publication etc |
|---|---|--|--|---|
| 1 | Dr. Dambaru Ballab Kattel Department of Meteorology, CIIT Islamabad | ISI / IF Journal Published = 1 Accepted = 1 Submitted= 1 | MS = 1 | <ul style="list-style-type: none"> ➤ Evaluation of anti-angiogenic effects of Azadirachta indica, Centella asiatica, Avandula stoechas and Sphaeranthus indicus for the treatment of corneal neovascularization. 0.5 Million PKR (PI) submitted to HEC. ➤ Cellular and molecular studies on Hedera nepalensis, Nigella sativa, Azadirachta indica, Centela asiatica, Lavandula stoechas, Spharanthus indicus and Carissa opaca for the treatment of breast cancer. 6.66494 million PKR (Co-PI) submitted to HEC. |
| 2 | Dr. Muhammad Imtiaz Rashid Assistant Professor, Department of Environmental Sciences, CIIT Vehari | Published = 01 Conference Abstracts = 2 | MS Student = 01 | <ul style="list-style-type: none"> ➤ Research Project submitted under title "1.Strategies to reduces losses and improve crop utilization of nitrogen from solid cattle manure, 2014(Submitted to HEC, PKR, 0.5 million). ➤ Low cost simultaneous removal of arsenic and iron from drinking water, 2014 (HEC, NRPU program, PKR, 12.884 million). ➤ Plant Biofortification: A potential target to cope the iodine deficiency disorders in Pakistan, 2014 (HEC, NRPU program, PKR, 7.1 million) is submitted to the HEC as Co-PI for approval. |

| | | | | |
|---|--|----------------|--|---|
| 3 | <p>Dr. Akhtar Iqbal Assistant Professor Department of Environmental Sciences, CIIT Abbottabad</p> | Submitted = 01 | | <ul style="list-style-type: none"> ➤ Project submitted to IFS for approval as a PI of worth 10,000 USD under the title “Role of crop residue mulches in the provision of agro-ecosystem services by soils in conservation agriculture in the context of Pakistan”. ➤ Project submitted to HEC for approval as a PI of worth 6.68 million under the title “Climate change effect on Carbon and Nitrogen dynamics in Lower Himalayas by adopting crop residue mulching”. ➤ Project submitted to HEC for approval as a Co-PI of worth 6.68 million under the title “P-solubilizing Microbial Consortia from Lower Himalayas and their Potential for Bioethanol Production”. |
| 4 | <p>Dr. Farrukh Jamil Assistant Professor Department of Biosciences, CIIT Sahiwal</p> | | | <ul style="list-style-type: none"> ➤ A project proposal entitled “Development of a Centre of Excellence in Bioinformatics and Biological Sciences at CIIT, Sahiwal, Punjab, Pakistan in Collaboration with Chinese Universities” has been submitted for china-south Asian countries science and technology ministers meetings. ➤ Research project of PKR. 0.5 Million is submitted to HEC under Startup Research Grant. |
| | | | | |

| | | | | |
|---|---|--|-----------------|--|
| 5 | Dr. Muhammad Saleem Assistant Professor Department of Physics, CIIT Lahore | Published = 1 Accepted = 2 Submitted = 5 | BS Students = 1 | <ul style="list-style-type: none"> ➤ Research Project under title “Metal Oxide nanostructures; synthesis Characterization and Application in DSSCs” is submitted to the HEC for approval. ➤ “Synthesis and Characterization of Quantum Dots for Photovoltaic Applications”, Submitted to CIIT under CRGP. |
| 6 | Dr. Abdul Rehman Khan Assistant Professor Department of Environmental Sciences, CIIT Abbottabad | Published = 01 Conference Papers Submitted = 01 | | <ul style="list-style-type: none"> ➤ A collaborative Research project (with Turkish collaborators) under the Title “Comparative genetic analysis of the Turkish and Pakistani landraces” is under development. ➤ Negotiations with French research group “Diversity, Evolution and Adaptation of population” from UMR de GenetiqueVegetale, INRA-UPS-CNRS, Ferme du Moulon, Gif-sur-Yvettes are in progress for the development of collaborative research project. |
| 7 | Dr. Najma Abdul Rehman Assistant Professor Department of Mathematic, CIIT Sahiwal | Published = 01 Conference Papers Submitted = 01 | | <ul style="list-style-type: none"> ➤ Research Project under title “Harmonic maps on S-manifolds” is submitted to HEC. |
| 8 | Dr. Faiz Rabbani Assistant Professor Department of Chemistry, CIIT, Abbottabad | Published = 02 Conference Papers Published = 01 | | <ul style="list-style-type: none"> ➤ Research Project under title “Harmonic maps on S-manifolds” is submitted to HEC. |
| 9 | Dr. Amjad Hussain Assistant Professor Department of Mathematics, CIIT Wah | Published = 01 | | <ul style="list-style-type: none"> ➤ Research Project under title “Some New Boundedness Results for Integral Operators” is submitted to HEC. |

| | | | | |
|----|--|----------------------------------|--|---|
| 10 | Dr. Sara Riaz Assistant Professor Department of Chemical Engineering, CIIT Lahore | Published = 02 | | ➤ Research Project under title “Development of Highly Porous Core-Shell Gold Nanoparticles@MetalOrganic Frameworks (MOFs) for Water Treatment” is submitted to HEC. |
| 11 | Dr. Asim Mehmood Assistant Professor Department of Biosciences, CIIT Sahiwal | Published = 01 | MS Students = 2 | |
| 12 | Dr. Nighat Fatima Assistant Professor Department of Pharmacy, CIIT Abbottabad | Published = 01 | MS Students = 2 | ➤ Research Project under title “Isolation and biological evaluation of endophytes of Nerium oleander.” is submitted to the HEC. |
| 13 | Dr. Ghulam Abbas Assistant Professor Department of Environmental Sciences, CIIT Vehari | Published = 01 | MS Students = 01 (CO-Supervisor) | ➤ Research Project of 0.5 million PKR is submitted to HEC |
| 14 | Dr. M. Junaid Amjad Assistant Professor Department of Physics, CIIT Lahore | Published = 02 Submitted = 01 | BS Students = 2 | ➤ Research Project of 0.5 million PKR is submitted to HEC |
| 15 | Dr. Khalid Ahmad Assistant Professor Department of Environmental Sciences, CIIT Abbottabad | Submitted = 01 | | ➤ Research Project under title “Ethnobotanical investigations among the Tribal communities of Thakht-e-Sulaiman Hill, Pakistan” is submitted to HEC. |
| 16 | Dr. Muhammad Atif Assistant Professor Department of Chemistry, CIIT Abbottabad | Submitted =02 | | ➤ 02 Research Projects are submitted for consideration to funding agencies. |

| | | | | |
|----|---|--|--|--|
| 17 | Dr. Muhammad Shahid Nazir Assistant Professor Department of Chemical Engineering, CIIT Lahore | Published = 01 Accepted = 02 Submitted = 01 Conference Papers = 05 | BS Students = 05 (Co - Supervisor) MS Students = 02 And Co-Supervisor = 02 | <ul style="list-style-type: none"> ➤ Submitted research project under Start up research grant of HEC. ➤ Submitted research project to PSF. ➤ Submitted research project under USAID, 3rd Round. |
| 18 | Dr. Naseer Ahmad Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad | Conference Paper = 01 | | <ul style="list-style-type: none"> ➤ Research project of PKR. 0.5 Million is submitted to HEC under Startup Research Grant. |
| 19 | Dr. Nabi Shah Assistant Professor Department of Pharmacy, CIIT Abbottabad | Published = 02 | MS Students = 1 | <ul style="list-style-type: none"> ➤ Research Project: Evaluating the perception of consumer regarding the community pharmacy services in KPK Pakistan. Submitted to DOST Project worth: 0.5 Million PKR |
| 20 | Dr. Masood Iqbal Awan Assistant Professor Department of Environmental Sciences, CIIT Vehari | | | <ul style="list-style-type: none"> ➤ Member of the international project titled "Improving the robustness, sustainability, productivity, and eco-efficiencies of rice systems throughout Asia". In progress. ➤ An Eco-efficient nitrogen management strategy for the emerging aerobic rice systems is submitted to the Higher Education of Pakistan. ➤ Nominated as the visiting lecturer by the University of Tasmania, Australia for the year 2014. |
| 21 | Dr. Azmat Iqbal Assistant Professor Department of Physics, CIIT Lahore | Submitted = 01 | | <ul style="list-style-type: none"> ➤ Research Project under title "Photodetachment of H⁻ Near Surfaces Using Closed Orbit Theory" is submitted to HEC under Startup Research Grant. |

| | | | | |
|----|---|--|------------------|--|
| 22 | Dr. Muhammad Hannan Younis Assistant Professor Department of Physics, CIIT Islamabad | Published = 02 Conference Papers Accepted = 02 | | <ul style="list-style-type: none"> ➤ Research project of PKR. 0.5 Million is submitted to HEC under Startup Research Grant. |
| 23 | Dr. Hira Siddiqui Assistant Professor Department of Physics, CIIT Islamabad | Accepted = 01 Submitted = 01 | BS Students = 1 | <p>Submitted Research Projects:</p> <ul style="list-style-type: none"> ➤ Applications of Modeling and Simulation in Training and Education. ➤ Spatio-temporal Pattern Formation in Systems far from Equilibrium Submitted to HEC 0.5 Million PKR |
| 24 | Dr. Shamaila Irum Assistant Professor Department of Bioscience, CIIT Islamabad | | | <ul style="list-style-type: none"> ➤ Research project of PKR. 0.5 Million is submitted to HEC under Startup Research Grant. |
| 25 | Dr. Syed Kamran Ul Hassan Naqvi Assistant Professor Department of Biosciences, CIIT Islamabad | Published = 02 | BS Students = 01 | <ul style="list-style-type: none"> ➤ Candidates genes hunting for certain Autosomal Recessive Non-Syndromic Hearing Loss (ARNSHL) Disorders using biological databases and bioinformatics tools. 0.5 Millions PKR HEC-Funded. |

ACCESS

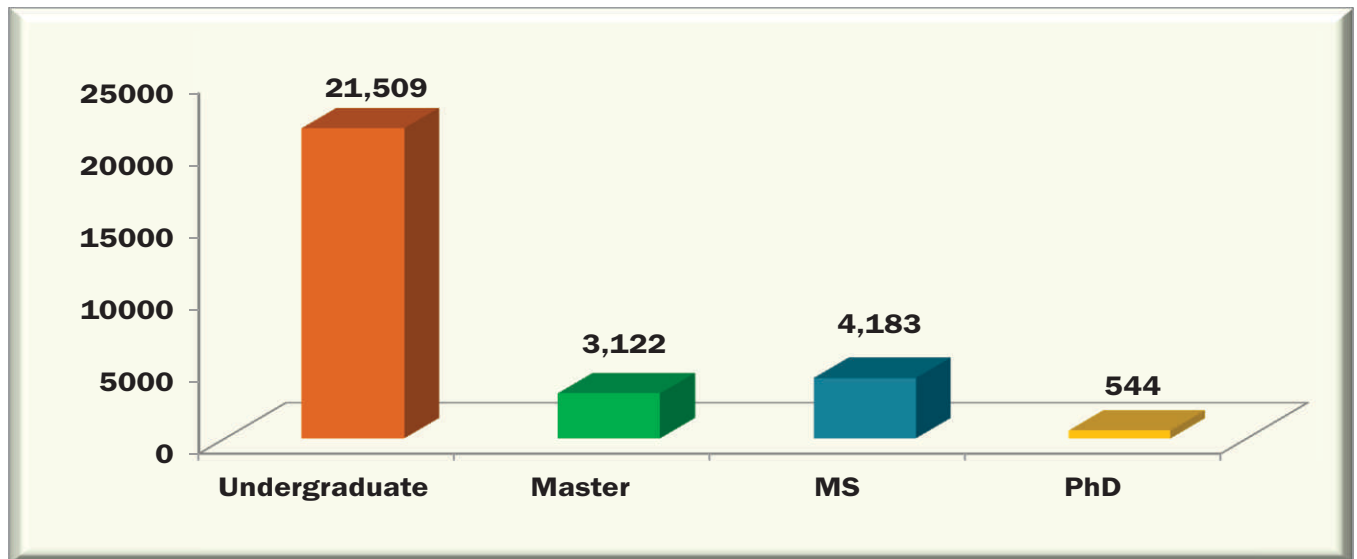
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Student Enrollment

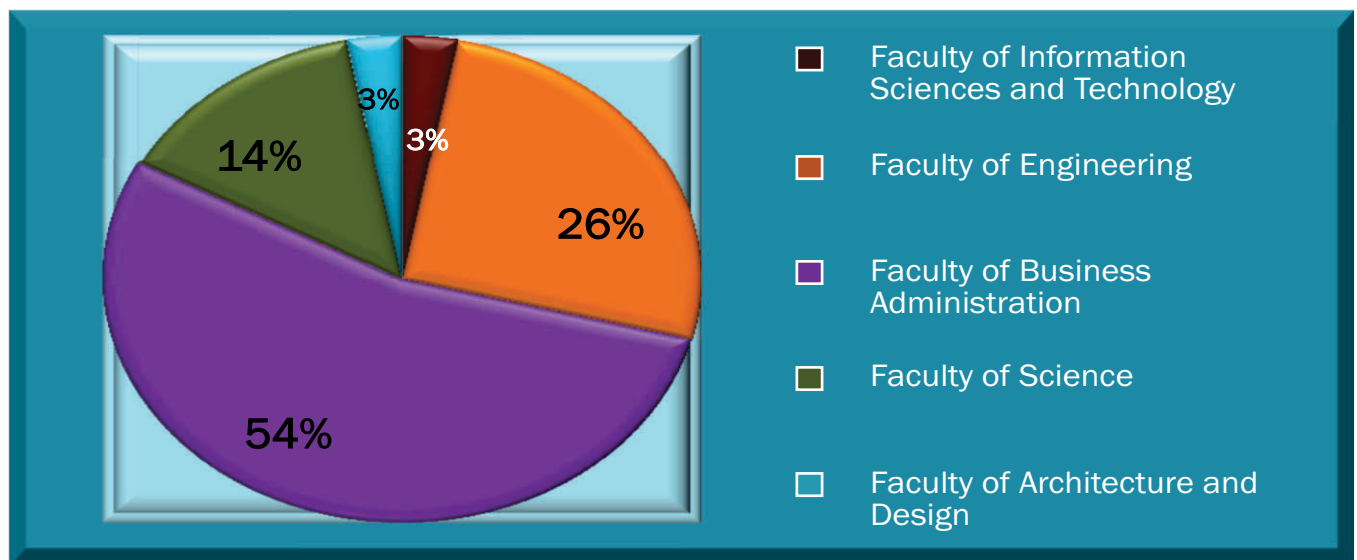
CIIT started its journey in 2000 with just 277 students. Since then, its enrollment is on up rise which is a clear indication of education standards at its campuses. During the reporting period, the students enrolled at CIIT were 29,358. The Islamabad Campus led with 7,365 students followed by Abbottabad campus with 5,589 students. The intake during the reporting period at CIIT campuses is tabulated below

| Campuses | Student Intake | | Total |
|----------------|----------------|--------------|---------------|
| | Fall 2013 | Spring 2014 | |
| Islamabad | 1,807 | 1,390 | 3,197 |
| Abbottabad | 1,093 | 830 | 1,923 |
| Wah | 926 | 296 | 1,222 |
| Lahore | 1,038 | 669 | 1,707 |
| Attock | 525 | 181 | 706 |
| Sahiwal | 675 | 546 | 1,221 |
| Vehari | 259 | 323 | 582 |
| Virtual Campus | 1,311 | 919 | 2,230 |
| Total | 7,634 | 5,154 | 12,788 |

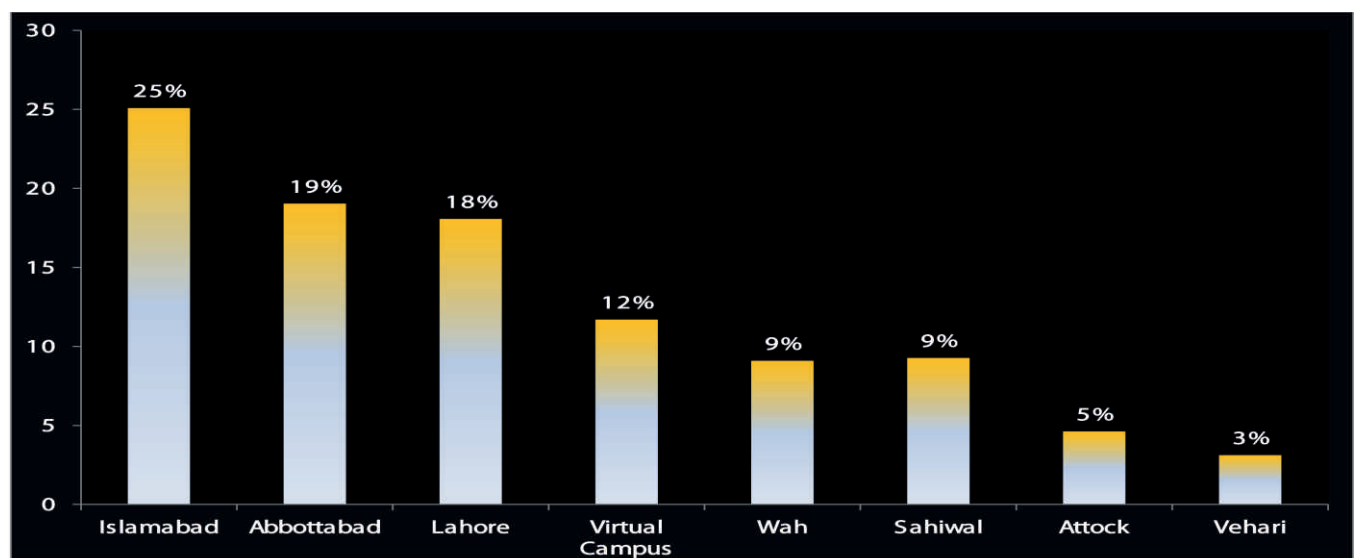
The degree-wise student enrollment is as follows:



The detail of student enrollment in the 05 faculties as on June 30, 2014 is as follows:



Campus-Wise Student Enrollment Percentages



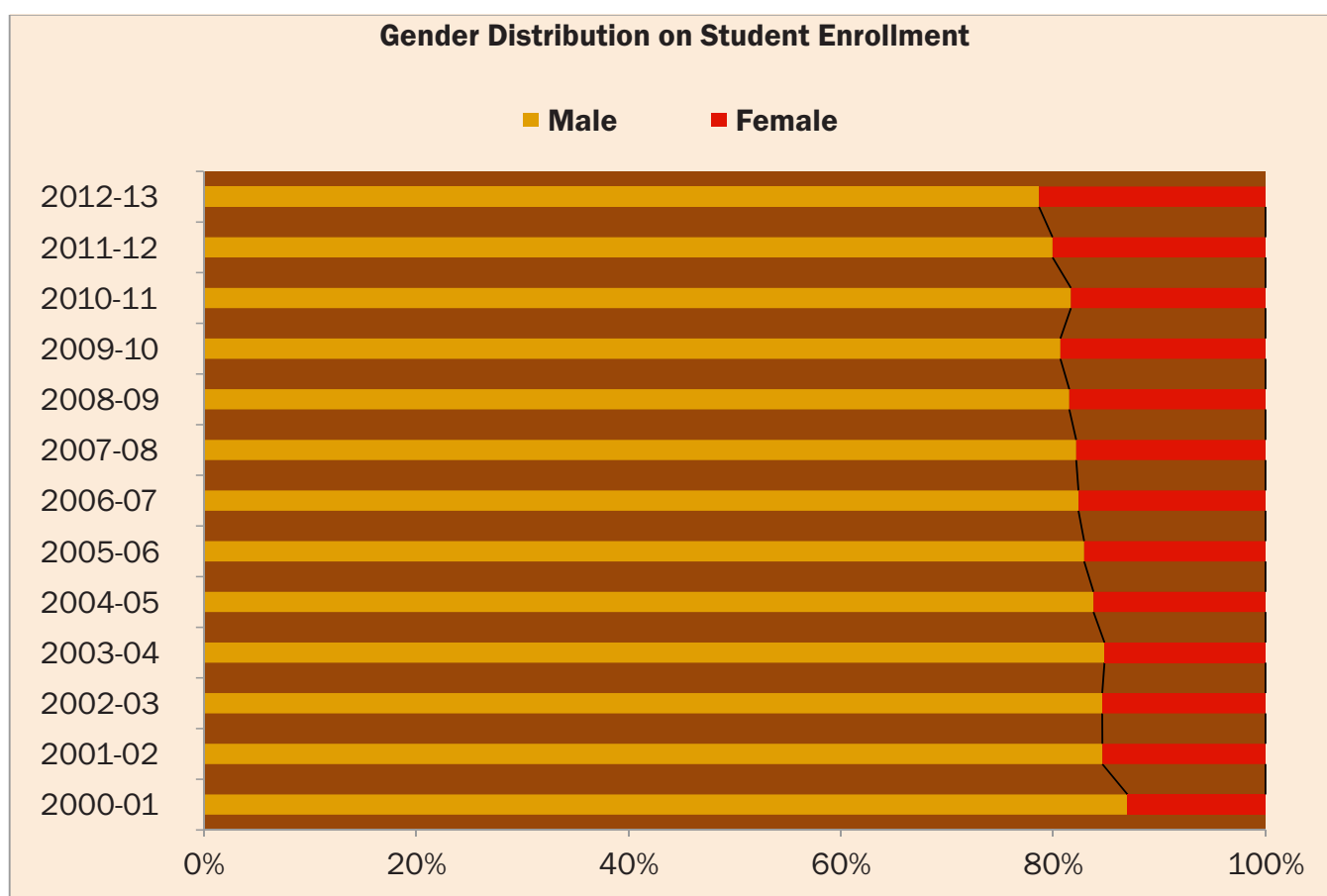
Equity

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 70% and 30%, 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, , Oil and Gas, Health and Safety, Energy Sector, Defence, Development sector etc. The data of 2013-14 shows that 33% are in IT and Telecom, 09% in Banking, 15% in Education, 16% in Private Sector, and 3% in Development Sector, etc.

Faculty-Student Ratio

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



UNIVERSITIES BUILDING ECONOMIES

6

University Industry Linkages

Universities play a crucial role in society as producers and transmitters of knowledge. In recent years the discussion about whether academia can encompass a third mission of economic development, in addition to research and teaching, has received greater attention. University-industry research collaborations are significant mechanism for generating technological spillovers, as they positively contribute to address innovation market failures and help to realize the full social returns of R&D investments.

Interdisciplinary Research Center in Biomedical Materials (IRCBM) at CIIT Lahore have been engaging industry since May 2013. The program was initiated by the IRCBM team to develop collaboration with the industry. The Institute's delegate visited Sialkot Chamber of Commerce and Industries (SCCI) and introduced the strength and capabilities of research groups to initiate collaboration on May 05, 2013. Later on, SCCI delegate visited CIIT Lahore in July 2013

and discussed key issues being faced by industry. The representatives of textile, surgical instruments and electroplating industries highlighted their manufacturing strength and processing of products.

IRCBM had particular interest in orthopedic implants and biomedical materials therefore, a platform "The Surgical Instruments Manufacturers Association of Pakistan (SIMAP)", was identified in Sialkot which is dedicated to medical devices and implants manufacturing. IRCBM university-industry representatives visited SIMAP in December 2013. The outcome of detailed discussion was to develop a lesion between IRCBM and SIMAP. The representative of SIMAP, Mr. Ishfaq also participated in 3rd Pak-China Business Forum 2014.

Besides, CIIT Lahore signed MoUs with following companies during the reporting period:

| # | Industry | Since | Objectives |
|---|------------------------|-------|--|
| 1 | Diamond Jumbo Land | 2014 | To develop 02 laboratories to record indoor temperature difference |
| 2 | King Edward University | 2014 | Research and Development |
| 3 | Synergy Pvt. Limited | 2014 | Nano Simulation Lab |
| 4 | Horizon Technologies | 2013 | Establishing development unit |
| 5 | Pure Logics | 2013 | Establishing development unit |

CIIT Wah signed a MoU with M/s. CMPak Limited (ZONG) on July 15, 2013 for collaboration in research and development projects. Under the MoU, ZONG will establish a Computer Lab and also strengthen Engineering Labs besides providing internship opportunities to selected students of CIIT Wah Campus.

Business/Technology Incubation Center

The establishment of Business Incubation Center 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.

a) Civil Infrastructure: During 2013-14 funds were obtained for the civil infrastructure of BIC. The ground breaking ceremony for the building was held in September 2013 at CIIT Islamabad. Intensive efforts are underway to complete the building containing all incubation related facilities. The building structure is complete and architectural work is in progress. The infrastructure includes space for ten entrepreneurs, six laboratories in Electrical, Electronics, Design, IT and two Wet labs for Biosciences. The center has a hall for holding

workshops, exhibitions, seminars, lectures, symposia and courses. It has all the facilities of a modern BIC.

b) Human Resource Infrastructure: The center needs nearly 16 technical persons to run its intended program when its building and labs are ready. So far, 5 persons have been trained in IP, legal rights, marketing, electrical/electronics, biosciences and IT.

During the reporting period, BIC incorporated two companies named Class Mate Pvt. Ltd and RANIC Automation Pvt. Ltd in SECP (Security Exchange Commission of Pakistan). BIC legal team also assisted CIIT Principal Seat, Lahore and Islamabad campuses with the legal cases.

Four companies registered by BIC namely M/S RANIC Automations, M/S Intesol (Pvt) Ltd., M/S AAMSON Technologies, M/S Agilitron (Pvt) Ltd. also displayed their products at 3rd Pak-China Business Forum 2014.

Concerted efforts were made to train the core manpower in BIC related activities in Pakistan and abroad. Various trainings were imparted to the officers during the reporting period few of which are:

➤ Joint international workshop on “Nanotechnology: Policy Ethics and Science”

from March 25- 27, 2013;

- One day workshop on “Current Issues in Labor Laws” held on November 05, 2013;
- Conference on “Entrepreneurship and Business Acceleration Program” organized by USAID and Enterprise Forum of Pakistan on November 17, 2013;
- 02-days training program on “Improving the Business Incubation Centers” organized by Islamabad Chamber of Commerce and Industries from November 20-21, 2013.

Further, a Business Incubation Park (BIP) was also established at CIIT Lahore on September 25, 2013. It has evolved nurturing non-technical SMEs, being sponsored and maintained by students under guidance of and legal agreement with Office of Research, Innovation, and Commercialization (ORIC), CIIT Lahore. The ORIC contributes a semester based progress review of these non-technical businesses and advises improvements as needed. The businesses are obliged to initiate their spin of within two or three years after their incubation. The summary of student businesses in incubation during the reporting period is as under:

| # | Title of Business | Size of Business | Nature of Business | Registration Status |
|---|-------------------------|------------------|------------------------------------|---|
| 1 | Punjabi By Nature (PBN) | Large | Food Services | Licensed by Food Department |
| 2 | Copies Track | Large | Photocopying and printing services | Proprietorship with Punjab Registration Authority |
| 3 | Eragon's Fresh and Easy | Medium | Food and grocery services | Licensed by Punjab Food Department |
| 4 | Youngster Traders (YT) | Small | Distribution of FMCG | Proprietorship with Punjab Registration Authority |
| 5 | NIB Stationers | Small | Stationery Services | In – Progress |

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 Center (CDC) at CIIT Islamabad tends to channel the vigor, energy and efforts of students in a way that they shine out to be an employee of an employer choice. The services provided by CDC include personal, academic and professional help, part-time and full-time job listings, internships and co-op opportunities, personality development, job fairs, etiquette workshops, résumé and interview preparation, in-house trainings, campus

interviews and employer contacts.

Some of the companies in contact with CDC are Standard Chartered Bank, NRSP Institute of Rural Management, Telenor, Zong, Allied Bank Limited, Coca Cola Limited, PTV English, Datum Square, OGDCL, Micro Agility (Pvt.) Ltd., Wi-tribe, Mercy Corps, Zirgon Inc., etc.

Moreover, WWF Pakistan with collaboration of CDC placed Information Desk to register students for WWF-Pakistan's International Eco Internship Program during April 2014 in the Department of Management Sciences and Biosciences. Approximately, more than 300 students got engaged with their Summer Internship Program from CIIT Islamabad.

During the reporting period, SNL Financial Pakistan held an on campus recruitment drive at CIIT Islamabad for their 'First-ever Summer Internship Program' during which 13 students were selected for the internship program and 3 were selected for the permanent job positions.

The Department of Management Sciences, CIIT Islamabad organized a Job Fair on December 19,

2013. Approximately 50 companies participated in the Job Fair, which was attended by a large number of students, faculty and staff members.

Following workshops/seminars were organized by CDC during the reporting period:

- Workshop on Match Making-Personality and Careers on November 13, 2013.
- CDC conducted major workshops on “Career Development, Entrepreneurship, and CV Writing”, and “Fulbright Scholarship”, with ZONG on October 16, 2013, March 10, 2014 respectively and two sessions on The US Educational Foundation Pakistan on November 04, 2013, May 05, 2014. These workshops were an insight for student in terms of corporate hiring procedures, CV making, Dos and Don'ts of interviews, and soft skills, etc.
- An in-house session of NYU (New York University) under the umbrella of USEFP (United States Educational Foundation in Pakistan) on April 11, 2014. Representative from NYU held the session.



Besides, alumni can register themselves on the job portal by filling up a simple form. Through this portal CIIT can communicate with its alumni and alumni in return can give job recommendations for the graduating students. CDC has developed a pool of 1,395 CVs online which is readily accessible by all the employers subscribed to the portal.

CDC has also created a Facebook Page on February 21, 2014 with the name of “Career Development Center, CIIT Islamabad” to stay connected with currently enrolled CIIT students and alumni in reference to latest job/internship opportunities.

The Internship and Placement Office at CIIT Abbottabad arranged 55 internships for the students of various departments in companies namely Multan Electric Power Company, Kot Addu Power Limited, Pakistan Steel, Peshawar Electric Supply Company Limited, WAPDA, Heavy Industries Taxila, etc. during the reporting period.

CIIT Wah also forwarded nominations of 25 students to Pakistan Ordnance Factories Institute of Technology (POFIT) Wah Cantt for availing internship facility during the reporting period.

A one day seminar was arranged by Department of Management Sciences, CIIT Wah on May 28, 2014. A team from World-Wide Fund for Nature (WWF) visited the Campus for an orientation session of their newly launched project International ECO Internship Program. Ms. Rabbab Ali, Corporate Relations Manager conducted a very interactive session and answered the queries of the students. WWF-Pakistan in collaboration with CIIT Wah will conduct an Eco Internship Program for the students of CIIT during the summer break.

During 2013-14, Placement Office at CIIT Lahore arranged 45 internship opportunities for the students. Some of the names of the firms are Suzuki Raiwind Motors, Innovative Pvt Ltd., EXPERT LABS, Sapphire Fibres (Pvt) Ltd., Warid Telecom Pvt Ltd., Technosoft Solutions, SIGMA TEC Solutions Pvt Ltd., Pharmedic Laboratories (Pvt) Ltd., Textile Testing International, The Institute for Career and Personal Development, Dunya TV, Azgard9, Careers, Fauji Fertilizer Company Ltd., Brain Telecommunication Ltd., etc.

In addition to above, various other activities were also conducted by CIIT Lahore like on-campus job test by i2C for Computer Science and Electrical Engineering students (November 21, 2013), visit of officials from HR Section at Netsol for hiring of 30 fresh graduates (December 12, 2013), visit of representatives from M/S Coca Cola Beverages who conducted a job test (December 17, 2013), and on campus job test/interview by Confiz Ltd. (April 25, 2014), etc. It is pertinent to mention here that USAID Job Fair for Women was also held at CIIT Lahore on June 17, 2014.

Meanwhile, Internship and Placement Office at CIIT Sahiwal was actively engaged with various companies and more than 300 students were provided with internship opportunities at Heavy Mechanical Complex Ltd. Taxila, Sitara Chemicals Pvt. Ltd. Faisalabad, ARL Ltd. Islamabad, PARCO Ltd. Kot Addu, Fauji Fertilizer Company Ltd. Sadiqabad, Pak Arab Oil Refinery, Engro Foods, and OGDCL Qadirpur, etc.

Student Counseling and Career Guidance

A Counseling and Wellness Center was set up by the Department of Humanities at CIIT Islamabad in February 2014 to provide mental health and

other wellness services within the university environment. The need for these services was acutely felt because of environmental factors. CWC offers a variety of services including individual and group counseling, psycho diagnostic tests. In addition to the services mentioned above, the center also offers Peer Programs where assistance is received from other students who serve as helping roles. The highlight of CWC is to promote students' overall well being and mental health.

A series of seminars was conducted at various CIIT campuses during the reporting period 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. Training sessions were also held for the staff on career counseling and scholarship opportunities. The series was scheduled as follows:

| Campus | Date |
|--|---------------|
| Sahiwal | May 19, 2014 |
| Lahore | May 20, 2014 |
| Islamabad | May 21, 2014 |
| Wah Campus (for the students of Wah and Attock campus) | May 21, 2014 |
| Abbottabad | June 19, 2014 |

Further, CIIT Lahore arranged following activities to guide students about career choices:

| # | Activity | Date |
|---|---|-------------------|
| 1 | 7th Seminar on CV writing, interviewing skills and job search strategy | November 29, 2013 |
| 2 | The Head of Placement Cell at Lancaster University delivered a presentation to last semester students via video conferencing on impressive CV writing, interview skill and jobs potential at UK | December 09, 2013 |
| 3 | 8th Seminar on CV writing, interviewing skills and job search strategy | May 2014 |



STRENGTHENING PHYSICAL INFRASTRUCTURE

7

Development Projects

Directorate of Planning, Development & Human Resource Development

The Directorate of Planning, Development & Human Resource Development (hereinafter referred also to as the 'P, D & HRD') takes up business development at the COMSATS Institute of Information Technology (the 'CIIT'). It plays a pivotal role in undertaking strategic planning, transforming plans into programs and projects and in undertaking their implementation while simultaneously addressing the aspirations and expectations of stakeholders, both within and outside the CIIT. The deliverables appear as new campuses, new and strengthened academic and research programs, investment in human resources, improved library, better physical and information technology infrastructure; all making learning a pleasant and rewarding experience.

It helps the management in securing funds from the Government of Pakistan for various developmental pursuits; advising on allocation of

resources among its various undertakings; promoting project management prowess; institutionalizing/strengthening the human resource development base and thus acting both as the harbinger and forerunner to broaden the horizon, to help CIIT remain competitive and ahead of others.

Its major functions and undertakings during the FY 2013-14 are summarized below:

- 1. Planning:** Realizing the excessive demand for quality higher education, growing enrolment, demand for more academic infrastructure and allied facilities, and in order to cater to the future expansion needs; Some 30 development projects worth approx. 26 billion were conceived for various campuses of CIIT in FY 2013-14. These projects were processed for possible funding from the Government of Pakistan through the Ministry of Science & Technology (MoST) and the Higher Education Commission (HEC). This included 3 projects worth Rs. 1.070 billion for Islamabad Campus, 4 projects worth

Rs. 1.950 billion for Abbottabad Campus, 4 projects worth Rs. 1.078 billion for Lahore Campus, 3 projects worth Rs. 1.890 billion for Wah Campus, 1 project worth Rs. 54 million for Attock Campus, 4 projects worth Rs. 2.348 billion for Sahiwal Campus and 2 projects worth a total cost of Rs. 980 million for Vehari Campus. Moreover, the portfolio included 3 projects catering to the developmental needs of multiple campuses worth a total cost of Rs. 11.696 billion. Similarly, 3 projects worth a total cost of Rs. 5.342 billion were prepared for establishing new CIIT campuses in different cities of Pakistan.

In its pursuit to find and explore new avenues of funding, CIIT has also submitted project concept proposals to the Ministry of Women Development; Ministry of Education, Training and Standards in Higher Education; and Ministry of Information Technology. Furthermore, project concept proposals were also developed and submitted for evincing funding through international agencies such as IDB, KOICA, Japan (JICA), Turkey (TIKA), UK (DFID), US (USAID), etc.

The prowess and expertise in conceiving and preparing the development projects are included among the hallmarks of the P, D & HRD; and has won it recognition and appreciation both from within and outside the CIIT. Upon instructions of the Federal Minister for Science & Technology to

the CIIT, the Directorate developed three (3) human resource development projects in line with the manifesto of the incumbent Government. These included; one for collating the human resource needs of all the R&D organizations working under the control of MoST; second, meeting the long-term human resource needs of the CIIT campuses; and third, a project for helping the meritorious students to earn their first (i.e. undergraduate) degrees through providing them complete financial assistance for their university tuition fees and living allowance.

2. Public Private Partnership: In order to diversify the funding sources and lessen reliance on the Government funds for CIIT's developmental needs; CIIT has developed project concept proposals for inviting private sector to invest in infrastructure development of the CIIT. One significant initiative taken during the reporting year is development of a 6-15 MW coal fired power project for meeting the energy/power requirements of the CIIT, Islamabad Campus. The objective set forth for the project is to have an economical, reliable and efficient solution of the present day energy crisis. After having completed the pre-feasibility study, and inviting expressions of interest, the CIIT has sought bids in July 2014 from the pre-qualified private strategic partners.



Another important project, 'Construction of 200 Apartments' to be built on turn-key basis seeks the private sector participation in providing affordable and purpose built housing facilities for the CIIT employees. The project is in an advanced stage of processing and is likely to be emulated at other CIIT campuses.

3. Project Execution: The CIIT is much cognizant to undertake projects in ways to allow the Institute in realizing its strategic vision. Projects worth some Rs. 12,000 Million are in hand, which includes some 8,300 Million already spent until June 2014. The excellent academic and allied infrastructure established through various development projects and the money spent judiciously have helped CIIT achieve the academic and research excellence, which are now its hallmark.

The P, D & HRD is directly overseeing and administering the execution of the civil works. The construction of a green field campus and to bring it to the present state is a heartwarming progress and contribution much hailed by all concerned. A project warranting special mention includes establishing the Library at CIIT, Islamabad. The library with its distinctive architecture, excellent layout, provision of services has earned a place for itself among the libraries present in the national universities.

The developmental budget for FY 2013-14 and major civil works undertaken during the said year are presented at Annexure C. The list of the completed projects is presented at Annexure B.

4. Monitoring & Evaluation: A well-functioning Development or as the national context stipulates, Monitoring & Evaluation (M&E) function is a critical part of the effective project management. Timely and reliable M&E provides information to support the project implementation with accurate, evidence-

based reporting that informs management and decision-makers to take timely decisions for improving projects' execution performance. The extensive reporting requirements set out by CIIT's own and national entities require over 350 of such reports to be brought out each year for a portfolio of around 10-12 projects. Compiling data and information for such extensive reporting requirements need an equally compelling and extensive coordination among different offices involved in projects' execution. Over the years, the CIIT has earned a good name for credibility and reliability of its projects' monitoring reports. Equally important is to note that such extensive reports becomes the bedrock for feeding into the successive cycles of planning thus significantly improving the project preparation, appraisal, selection, and management functions.

As stated above, the P, D & HRD has successfully instituted an effective M&E mechanism through establishing close liaison with relevant project teams across the CIIT's campuses. The P, D & HRD also serves as the coordinating point for facilitating various regular and periodic visitations instituted by supervisory bodies such as MoST, HEC, Planning, Development & Reforms Division and so forth.

Physical Infrastructure

| Campus | Islamabad | Abbottabad | Wah | Lahore | Attock | Sahiwal | Vehari |
|------------------------------|---|--|---|---|---|---|---|
| Location | Established in 2001 at H-8, Islamabad. Shifted to permanent newly built campus in 2008 which is fully equipped with facilities of international standards spread over 42.7 acres. | Established in 2001 in the vicinity of Pakistan Military Academy, Kakul and built on 38.5 acres of land donated by the Pakistan Army at Tobe Camp. | Established in 2001 at Quaid Avenue 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. | 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 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. Two blocks are completed while third is in progress whereas the development work has not yet started at the other location. |
| Classrooms | 74 | 60 | 38 | 64 | 28 | 21 | 18 |
| Laboratories | 50 | 75 | 26 | 59 | 12 | 11 | 04 |
| Library Holdings | 49,000 books, 45 journals, 7,133 CDs | 27,424 books, 21 journals | 18,000 books, 20 journals | 22,577 books, 10 International journals/magazines, 49 National journals/magazines | 7,500 books, 14 journals | 10,580 books 03 journals | 5,000 books, 300 Cds, 03 journals/ magazines |
| Hostel Facility for students | 523 (273 male and 250 female) | 846 (666 male and 180 female) | 610 (550 male and 60 female) | 1,061 (686 male and 375 female) | 333 (294 male and 39 female) | 400 (250 male & 150 female) | 102 (72 male and 30 female) |
| Digital Library | 33,000 Online Journals & 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. 30,000 sq. ft. |
| Total covered area: | Approx. 20,000 Sq .ft. |
| No. of Lecture Recording Studios | 04 |

| Details | Information |
|--|---|
| No. of Call Center | 01 |
| Affiliated Active Study Centers | 140 |
| No. of Labs | Total: 03 Editing Labs: 02 Publishing/Copying: 01 |
| No. of computers in labs (Recording/Publishing/Editing) | 30 |
| No. of computers /Laptops for faculty and staff | 80 |
| Digital Courseware in Online/offline archive | 13 Degree Programs |
| Courses Created/Available to date | 300 |
| Approx. Size of Digital Intellectual Content (Video lectures, textual academic material) | Over 7000 Gigabyte |
| Soft Copy material | Over 4,000 (32 Gigabyte) USB drives sent to students, and 6,000 DVDs sent to students and Study centers with academic contents. |

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 2013-14, there were 10 ongoing projects of CIIT for which Rs. 1365.601 million have been allocated by the Government. Out of these 10 projects, 08 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 | 55 | 20,016,555/- |
| 2 | Abbottabad | 96 | 19,488,166/- |
| 3 | Lahore | 47 | 19,220,711/- |
| 4 | Attock | 07 | 15,000,000/- |
| 5 | Sahiwal | 34 | 26,386,797/- |
| 6 | Vehari | 09 | 684,970/- |
| | Total | 241 | 100,797,199 |



STRENGTHENING TECHNOLOGICAL INFRASTRUCTURE

8

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 33,000 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 2013-2014, PERN speed has been increased from 90 Mbps to 150 Mbps.

Under PERN, Enterprise class routing equipment is installed at CIIT Abbottabad and 1 Gbps fiber link is established from Taxila to CIIT Abbottabad.

CIIT Wah is availing 22 Mbps bandwidth facility from HEC under PERN Project.

CIIT Lahore also took the internet services from PERN under the bandwidth of 134 Mbps per month and has planned to extend it up to 300 Mbps.

The HEC Pakistan redesigned PERN and established a National Research and Research Education Network (NREN), known as PERN2, for the academic sectors of Pakistan. PERN2 has connectivity to other NRENs of the world including APAN (Asia), Internet2 (USA), and GEANT2 (Europe). PERN2 is activated since 2014 at CIIT Sahiwal.

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 whereas a well sized video conferencing studio was established in July 2013 at CIIT Abbottabad and most of the intra-campus meetings, seminars, and workshops are being arranged using video conferencing services. CIIT Abbottabad has active academic collaboration with foreign universities and under such collaboration, Department of Development Studies has been offering online course for students of Norwegian university via video conferencing services since last two years.

Campus Management Solution

CIIT is in the process of major reorganization of its online resources, systems and automation of various modules. A campus wide IT audit committee was formed in 2013 to conduct audit of IT infrastructure and practices throughout CIIT. On the basis of findings and recommendations of the said committee, competent authorities have taken various steps to address a range of issues:

- Base infrastructure of IT systems is upgraded to latest technologies for which significant progress was made by up-gradation of most online Servers in first quarter of 2014.
- To reduce duplication/repetition of tasks at various campuses, steps were taken to save time and cost where possible. As a first step various campus management modules were upgraded to provide all campuses the same level of services regardless of size and geo location. Various services of CUOnline were integrated to function in a cohesive manner for all Campuses. It is an ongoing activity.



➤ Support for students and staff was enhanced by a quick response system to resolve issues promptly in the last quarter of 2013.

Online Admission System

The online admission system of CIIT is functional since Fall 2011 which allows the candidates to apply online from all around the globe. After more than 03 years of successful experience in conducting online admissions, CIIT has developed a new robust Admissions System which offers various new features including online integration support to several other systems. This system is under functional testing and will be fully operational for Spring 2015 admissions. During Fall 2013 admission campaign, 52,319 candidates registered through the online admission web portal and during Spring 2014, the number was 22,947. The campus-wise breakdown of the registered candidates through Online

| Campuses | Fall 2013 | Spring 2014 | Total Students Registered |
|----------------|---------------------|---------------|---------------------------|
| | Students Registered | | |
| Islamabad | 19,843 | 8,733 | 28,576 |
| Abbottabad | 6,780 | 3,686 | 10,466 |
| Wah | 5,112 | 1,108 | 6,408 |
| Lahore | 11,776 | 3,346 | 15,122 |
| Attock | 744 | 520 | 1,213 |
| Sahiwal | 3,329 | 1,821 | 5,013 |
| Vehari | 812 | 708 | 1,520 |
| Virtual Campus | 3,923 | 3,025 | 6,948 |
| Total | 52,319 | 22,947 | 75,266 |

CIIT Online Course Catalog

A major milestone of automation was achieved in February 2014 by automating the Scheme of Studies of various CIIT programs. Scheme of Studies portal at Registrar office became fully functional this year and full course catalog of various programs is available online. A public portal was created and linked with CIIT's main website to render latest course catalog/scheme of studies to general public as well.

IT Policy of CIIT

To address various issues as identified by IT audit committee in September 2013, CIIT actively worked to formulate organizational IT policy to efficiently execute IT related processes at various campuses and departments. Standard procedures and recommendations were submitted to reorganize IT services department at organizational level and as a result IT policy of CIIT was notified on June 26, 2014.

UNIVERSITIES BUILDING COMMUNITIES

9

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:

CIIT students and Red Crescent (Blood Donor Center) arranged blood donor camp at CIIT Islamabad from December 23-26, 2013. This activity is being organized regularly, twice a semester since 2003. The purpose of this activity is to encourage social welfare among students. On average, daily 70 students donated their blood during the camp.

Clean and green environment is a basic need so Capital Development Authority organized a walk on February 07, 2014 in Islamabad to create awareness about this issue. Students and

faculty/administration from CIIT took active part by planting trees and displaying banners during the walk to support the cause.

A session on “Anti-Sexual Harassment Legislation” was organized on April 28, 2014 by the Department of Humanities, CIIT Islamabad. The speaker for the session was Ms. Maliha Husain, Director, Meher Garh. In her talk, she discussed two types of laws implemented in Pakistan for the protection of both men and women at the workplace. She also helped the audience to understand the difference between “Harassment” and “Sexual Harassment”. She stressed the fact that this was an issue that really needed the attention and hence everyone should work together to promote a more gender-friendly environment.

A panel discussion on “Reviving our Ethical and Moral Values in Resolving the Issues of Today's Generations” was organized on April 30, 2014 by the Department of Humanities, CIIT Islamabad. The objective of the panel was to draw attention to some of the ethical and moral problems faced

by the students.

Six seminars were conducted by the Department of Humanities, CIIT Islamabad to create awareness on disability and physically challenged. The main objective of these seminars was to make students, faculty and staff sensitive to the disability issues. The titles of these seminars were:

1. Temporary disabilities: how life changes (September 27, 2013)
2. General awareness-raising seminar regarding disabilities (October 11, 2013)
3. Celebrating international day of people with disabilities (December 8, 2013)
4. Understanding the struggle of women with disabilities in Pakistan (March 8, 2014)
5. The other side of life: Sports and extra-curricular activities for people with disabilities (March 21, 2014)
6. Making life easy for people with disabilities- assistive technology and independent living (April 25, 2014)

A seminar on “Drowsy Driving Awareness” was

organized on March 26, 2014 by the Department of Humanities, CIIT Islamabad to highlight the fatal consequences of drowsy driving and to educate the audience in avoiding such conditions. Black ribbons were worn by all to display solidarity against condemning drowsy drivers. A short video was shown to highlight the aftermaths and to suggest ways to effectively deal in such conditions.

The students were engaged in a civic drill by designing a “cleanliness campaign” in March 2014, keeping in mind the target populations' age group and method of persuasion by interactive dialogue by Department of Humanities, CIIT Islamabad. A few brainstorming sessions led to the emergence of "basket bin" project. The brightly colored trash cans were topped with a basket (like in basket ball game) and were planted in the most populated areas around the campus.

Hygiene and sanitation is one of the most important issues regarding health, specifically in rural areas for developing countries. COMSATS Community Development Unit (CCDU) of CIIT Abbottabad was engaged for the promotion of hygiene services under “WASH services in primary schools of AJK” with the financial support of UNICEF. Following activities were carried out:





➤ **Hygiene Promotion Activities in AJ&K:**

The activities carried out under this initiative in July 2013 included pre and post KAP survey (for AJK), consultative workshop of government officials of Education department on hygiene promotion, teachers' training on school sanitation health and education, training of school management committee members on hygiene and operations and maintenance of water supply schemes, hygiene sessions with students, formation of hygiene clubs, hygiene competitions, hygiene kits distribution, and hygiene sessions with mothers.

➤ **Provision of Water Supply Schemes in Primary Schools of AJ&K**

One major component of the hygiene project was provision of drinking water supply schemes in schools. Role of CCDU was to provide technical assessment, detailed designs, cost estimates, preparation of bid documents, and monitoring and construction supervision of Water Supply Schemes in the UNICEF constructed primary schools that lacked drinking water supply. The activities of this component were carried out in July 2013.

➤ **Construction of Ecological Sanitation (EcoSan) System as a Model in AJ&K**

CCDU also completed the construction of Ecological Sanitation (EcoSan) System as a model in 5 areas/schools of AJ&K in August 2013. This included construction of Trickling

Filter (Eco-San facilities) and Wetlands. Trickling filter and Wetland were connected with existing septic tank of each school latrines. The main concept of the EcoSan facility is to filter the human liquid excreta and use it for agricultural purposes. Moreover, social mobilization in communities around the schools for creating awareness regarding EcoSan was also carried out by CCDU.

A one day seminar on “Cancer Disease” was arranged by Department of Management Sciences CIIT Wah on October 04, 2013. The purpose of the seminar was to bring awareness among the young females against cancer disease. Dr. Saadia from Wah Medical College delivered the presentation and highlighted the safety measures to be adopted for cancer disease.

An MoU was signed between the CIIT Lahore, Pakistan Bikers Club and Ravi Pvt. Ltd. on December 24, 2013. The purpose of this MOU was to join hands for promoting rules and regulations along with safe motorcycle riding techniques.

Earlier in December 2013, in the collaboration with an NGO named “Sungi”, CIIT Attock arranged a two days camp to create awareness regarding “Violence against Women” and to raise voice against it.

Department of Management Sciences at CIIT Sahiwal arranged an anti-dengue walk on November 12, 2013 to create awareness about this aggravating issue and to spread information on its prevention.

Another walk on anti-smoking was arranged by CIIT Sahiwal on November 27, 2013 to aware people about its hazardous effects.

Health Awareness and Blood Donor Society organized a seminar on diseases awareness and prevention at CIIT Sahiwal during the Spring 2014 students' week. Dr. Imtanan Kashif was invited to hold a talk regarding different disease and their prevention.

CIIT Virtual Campus in collaboration with Islamabad Traffic Police (ITP) launched Road Safety Community Awareness Program in Spring 2014. The Campus facilitated ITP with road safety signboards and traffic direction signs in capital city. The purpose of this campaign was to make people aware of safety measures during driving. This includes compulsory use of seat belts, avoiding use of cell phone while driving, proper use of headlights, lane discipline, and identification of designated parking areas at public places. Virtual Campus intends to extend the road safety awareness campaign to other cities of country.

Alumni Affairs and Achievements

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

➤ Alumni of the Institute were invited by the Office of Development, CIIT Islamabad, to interact with freshmen at the eve of orientation day of Fall 2013 semester on September 25, 2013. Alumni shared their experience of staying

at the Institute and were delighted to witness the development of their alma mater.

➤ During students' week of Spring 2014 at CIIT Wah, alumni were invited to attend the ghazal night and were also briefed about COMSIAN Association and Endowment Fund activities.

➤ Invitations were sent to alumni of CIIT Lahore to attend the mega event of "COMSATS - Lancaster Cricket Championship" held from April 09-12, 2014 at Qaddafi Stadium, Lahore. There was active participation by the alumni.

➤ CIIT Lahore organized interactive session by inviting alumni on orientation day in September 2013.

➤ CIIT Lahore invited senior alumni to the Seminar "Internationalization of Higher Education in Pakistan through Dual Degree Programs" organized in collaboration with Lancaster University on September 03, 2013.

➤ Alumni reunion was organized by CIIT Attock on April 07, 2014, the anniversary day of the Campus.

➤ The department of Environmental Sciences, CIIT Vehari celebrated the "World Environment Day" in collaboration with Environment Protection Department and Plan International Pakistan on June 5, 2014. Speakers from different sectors highlighted the need to protect the environment, conserve water and natural resources, preserve bio-diversity, reduce air and noise pollution, and prevention of other environmental contaminations.

SPORTS

10

The importance of sports and the role they play in the development of a student's personality cannot be undervalued. Sports empower the students with decision making and leadership ability and inculcate the traits like cooperation, team work, time management, etc.

Realizing the importance of this facet of students' life, CIIT organizes Students' Week at all of its campuses in every semester. 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 2013 (October 25-November 01) and Spring 2014 (March 22-29, 2014) at CIIT Islamabad as a continuing tradition. Inter-departmental competitions were organized for the sports like Badminton, Basketball, Chess, Cricket, Football, Lawn Tennis, Table Tennis, Volleyball, Tug of War. Department of Management Sciences was declared the winner in Fall 2013 by securing 155 points, while Department of Electrical Engineering remained runner up with 150 points. In Spring 2014, Department of Computer Science lifted the trophy by securing 160 points and was declared the champion of the event whereas Department of Electrical Engineering maintained as runner up by 135 points.

CIIT Abbottabad also organized two students' week during the reporting period. The

interdepartmental sports organized during these weeks included Cricket, Football, Volleyball, Badminton, Basketball, and Table Tennis. The slogan for Fall 2013 students' week was Live it Loud.

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, and Hockey tournaments were organized.

An athletic event including running competitions, relay race, etc. was held at CIIT Lahore from March 25-26, 2014. Students and faculty participated in the event.

CIIT Lahore's first Flood Light Cricket Tournament was organized from May 15-19, 2014. Sixty four teams participated in the event.

CIIT Attock organized Cricket, Basketball, and

Volleyball matches between the departments during the students' week. It was moment of great honor for the Campus when Mr. Majid Khan, former renowned cricketer of Pakistan, visited CIIT Attock during students' week. He played a friendly match with campus team.

During the students' week of Spring 2014, CIIT Sahiwal organized inter-departmental Football, Volleyball, Table Tennis, Cycling, Athletics, Basket Ball, Cricket, Badminton, Hockey, Kabaddi, Rifle Shooting, Tug of War, and Rifle Shooting 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, Badminton, Football, Tug of war, Table Tennis, Kabaddi, Carom Board, and other athletics games, etc.

Participation in National Championships

➤ CIIT organized and participated in HEC Intersarsity Cricket (Zone-C) Championship 2013-14. 13 teams from different universities participated in the championship.

➤ CIIT organized and participated in HEC All





Intervarsity Football Championship 2013-14. 14 teams from all over Pakistan participated in the championship.

➤ CIIT Islamabad organized HEC Intersvarsity Athletics Championship (Men) 2013-14 at Pakistan Sports Complex Islamabad and 34 Universities of the Country participated in the said championship.

➤ CIIT Sahiwal teams participated in billiard, taekwondo, hockey, football, cricket, tug of war, table tennis and kabaddi during Punjab Youth Festival Inter Universities Provincial Level Competitions.

➤ CIIT Sahiwal kabaddi team participated in All Pakistan Inter-Universities Kabaddi Championship held at Islamia University Bahawalpur during the reporting period.

➤ Three players from CIIT Sahiwal represented CIIT Islamabad football team in All Pakistan Inter-Universities Foot Ball Championship 2014. A student from CIIT Sahiwal was declared Man of the Tournament and was selected for HEC Football Team.

➤ Four players from CIIT Sahiwal participated in All Pakistan Inter-University Hockey Championship 2014 held at Preston University Islamabad.



➤ CIIT Lahore participated in HEC Intersvarsity Swimming Championship 2014 and HEC Intersvarsity Football Championship 2013-14 from June 08-09, 2014 and March 13-17, 2014 respectively.

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:

➤ 3rd position in HEC Intersvarsity Football Championship 2013-14.

➤ Bronze medal in HEC Intersvarsity Rifle Shooting Championship 2013-14.

➤ Awards by CIIT Sahiwal teams during Punjab Youth Festival Inter Universities Provincial Level Competitions 2014:

- ★ Bronze Medal in Billiard
- ★ Bronze Medal in Taekwondo
- ★ Fourth Position in Kabaddi

➤ 3rd position in HEC Intersvarsity Swimming Championship 2014.

COMSATS Lancaster Cricket Championship

CIIT Lahore organized a cricket championship in partnership with Lancaster University, UK and Pakistan Cricket Board (PCB) from April 9-12,

2014 at Gaddafi Stadium Lahore, Pakistan. This was an initiative to portray a soft image of Pakistan internationally and to revive the international cricket in the country. Aim of the event was to strengthen the COMSATS-Lancaster academic and non-academic partnership and fostering the healthy sports culture among students in Pakistan.

In order to send a strong message to the global community in general and cricketing nations in particular, PCB provided free of cost facilitation for arranging the championship between the CIIT Campuses and Lancaster University cricket teams.

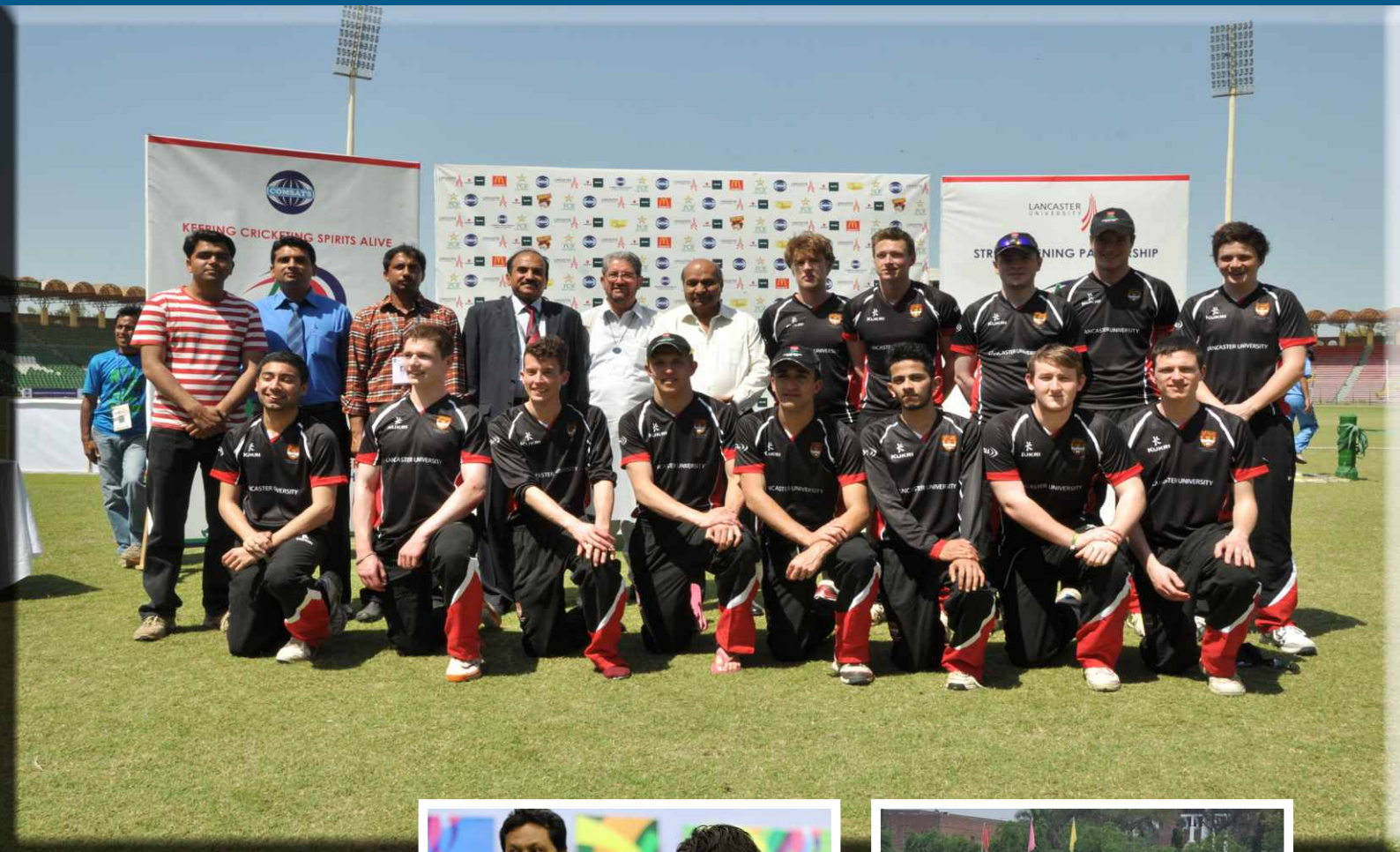
The event consisted of the series of 7 matches, the final match was played between CIIT Islamabad and Lancaster University. The final match and closing ceremony was broadcasted

live on PTV-Sports. The CIIT Islamabad clinched the title of Championship. The Chairman PCB Mr. Najam Sethi, Director Cricket Operations (Domestic) Mr. Intikhab Alam, Rector CIIT, Dr. S. M. Junaid Zaidi, S.I., Vice Chancellor Lancaster University, Dr. Mark Smith, Director CIIT Lahore Dr. Mehmood A. Bodla and Marketing Manager Pak Suzuki (Pvt.) Ltd., Muhammad Awais Qayyum, graced the ceremony. It was envisaged that this activity; which was the first of its kind in Pakistan, will be a milestone to kick-start a series of such events.

Sports Summer Camp

CIIT Islamabad sports section organized a Sports Summer Camp in June 2014. The summer camp included different games with qualified coaches to enhance the level of fitness and skills of the participants.





UNIVERSITIES BUILDING LEADERSHIP

1 1

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.

PTV News started a new program by the name of Irteqa/Evolution, which included panel discussion of guests and participants/students. 12 students from CIIT Islamabad participated in the program on February 19, 2014 to take part in the discussion regarding current affairs topic. The program went on air on February 21, 2014.

Department of Computer Science, CIIT Islamabad organized a variety of co-curricular activities during the reporting period which are

stated below:

Kasauti event on March 24, 2014 in which participants interacted with each other and tested their questioning abilities.

Car and Bike show on March 26, 2014 in which students brought their vehicles and heavy bikes as well.

A web development competition on March 26, 2014 in which students were given web designing and development task.

Gilgit Baltistan Cultural Festival on March 26, 2014. The event comprised of a beautiful drama, dress exhibition, hand-made items along with local musical performances.

The department performed a drama of one hour on March 26, 2014 depicting life of a student in CIIT Islamabad Campus.

A programming competition on March 27,

2014. Different tasks were assigned to teams comprising of two members to be accomplished within a limited time period. In total 50 students participated in this one day event.

Two days gaming competition from March 27-28, 2014 in which different games were included.

A junk art competition on March 28, 2014 in which seven teams participated. They created beautiful masterpieces in a given limited time slot.

Students from the Department of Humanities, CIIT Islamabad participated in different competitions during the reporting period which are as follows:

Ms. Arooj Abid won 1st prize in flower competition at ATV show Morning with Farah on April 09, 2014.

Students of BS Psychology secured 2nd and 3rd position at Inter-departmental Play Competition on Social issues and Ethical Values in Islam held on May 12, 2014.

Ms. Aima Aftab, secured 2nd position among 35 universities in a Painting Competition held at Express Expo from May 17-18, 2014 at Pak-China Friendship Center.

The department also organized a bilingual debates competition on March 27, 2014.

Various co-curricular activities societies/clubs are functional at CIIT Abbottabad which actively participate during the students' weeks to organize a variety of events. The events organized during the reporting period included naat and qiraat competition, declamation contest both in Urdu and English, essay and story writing competition, bait-bazi, quiz competition, Science marathon, competitions in pencil sketching, poster making, mehndi designs, photography, and an interesting game named Treasure Hunt. Besides, Funkada provided the students a broad platform to demonstrate their talent in short videography, drama, and singing. During Spring 2014 students' week at CIIT Abbottabad co-curricular activities included puzzle game, balloon shooting, and biscuits eating contest, ludo, and skipping, etc.

The co-curricular activities organized by CIIT Wah during the reporting period included qirat and naat competition, sketching, painting, calligraphy, glass painting, english and urdu declamation contests, singing and dancing competition, mehfil-e-mushaira, etc. Besides, a Rustam-e-Comsats competition was organized on October 31, 2013. Another funny extension of this competition was the selection of a Kaangri Pehlwan.





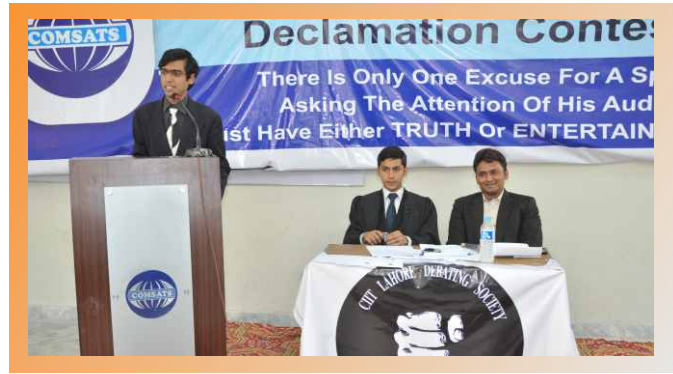
The Department of Mathematics, CIIT Wah organized “3rd COMSATS Mathematical Olympiad” in March 2014 where 329 students from local colleges registered for the event. Preparatory sessions were offered by PhD faculty members and as a sequel of selection procedure for the award of prizes, a live Mathematics quiz competition was administered on March 05, 2014.

Ms. Areeb Gillani, a student from Department of Computer Science, CIIT Lahore won 1st prize in identifying a domestic problem and provide an interactive real-time solution in terms of Firefox app during All Pakistan Firefox App Competition on October 26, 2013.

Students from Department of Computer Science, CIIT Lahore won 1st position in Software Project Competition, 2nd position in quiz competition, 3rd position in n-spot programming competition during Visio Spark 2013 on October 26, 2013.

Students of Architecture and Design department of CIIT Lahore participated in annual Drama and Art Festival in GIKI and won 1st prize in drama as well as in art competition. They also performed Sufi Dance in Punjab Youth Festival on March 01, 2014.

Department of Management Sciences conducted a concert of Farhan Saeed (a famous singer of Pakistan) on March 22, 2014. This was



a campus level event. The students and staff of CIIT Lahore joined the event along with their families and friends.

Ms. Maryam Akram, Lecturer, Department of Humanities, CIIT Lahore organized the Fusion of Art during the students' week on March 25, 2014. Almost 250 students joined the event.

A DJ night was organized by the collaborative efforts of the event management committees of department of Management Sciences and Computer Science, CIIT Lahore on March 25, 2014. A famous DJ Fawad Khan joined the event.

A team from Department of Management Sciences participated in debate competition during SARC International Exhibition and Lahore Chamber of Commerce and Industry's Talent Development Conference, held on April 27, 2014. Students received certificates of appreciation for best debate on the following topics:

- i. Revival of the economy
- ii. Problem of overpopulation in developing countries

Students from Department of Computer Science, CIIT Lahore won 1st position in Software Project Competition, 1st position in Gaming Competition, and 2nd position in ICT on-spot Innovative Ideas Competition during Vision ICT 2014 held from May 12-13, 2014.

An inter universities contest was held in October 2013 at Quaid-e-Azam University with three categories for contest i.e. Declamation (Funny and Serious), Arifana Kalam and Painting. CIIT Attock won the 1st position in team performance.

Students of Department of Computer Science, CIIT Attock participated in All Pakistan Universities Event held at Bahauddin Zakriya University Multan in 2014 and clinched top positions in various events. Mr. Bilal, a student of BS in Computer Science secured 2nd position in painting competition. Ms. Aleena, student of Masters in Computer Science and Mr. Bilal stood 2nd in street art competition whereas Mr. Zeeshan, student of BS in Computer Science secured 3rd position in naat competition.

Shame-e-Zarafat was organized on March 27, 2014 by CIIT Sahiwal. Famous and well known national poets like Anwar Masood, Anaam-ul-Haq, Zahid Fakhri, Badar Munir, Afzal Paras, and Salman Gilani presented their latest "Kalam".

Literary Society CIIT Vehari participated in the following events in intra-campus competition held during sports week in March 2014:

1. Qiraat
2. Naat
3. Speech (Urdu Serious and Humorous)
4. Speech (English Serious and Humorous)

5. Mushaira (Ghazal)
6. Mushaira (Poem)
7. Quiz
8. Bait Bazi

Students of CIIT Vehari also participated in the Chief Minister Youth Festival 2014 and won 2nd position in Urdu speech and naat at district level. Besides, they also secured 2nd position in both Urdu and English speech at divisional level.

Role of Department of Humanities, CIIT Islamabad in Promoting Student Leadership

The Department of Humanities at CIIT Islamabad has been actively engaged in promoting various co-curricular activities during the reporting period and provided the students with diverse opportunities to explore their talents and hone them. Following were the highlights of the reporting period:

➤ **Establishment of COMSATS Performing Arts Society Project (CPAS):** A Performing Arts Society was established on March 05, 2014. This project was intended to explore the latent talents of students across all the departments of CIIT. The expertise of the following was sought in this regard:

- * Mr. Saad Sultan (Script Writer/ Actor)
- * Mr. Mehar Ali Shah (Actor/ Mentor)





After the first round of auditions on March 20, 2014, the Society performed its first ever play “Ibtida-e-Ishq” on March 26, 2014 during the students' week Spring 2014.

➤ **Acting and Singing Auditions:** CPAS conducted auditions at CIIT Islamabad on March 20, 2014. Many students registered for both singing and acting auditions. A team of 12 actors was selected after careful consideration for the first performance of the Society.

➤ **Pakistan Day Parade:** This year March 23, Pakistan Day, marked the very first students parade in the history of CIIT. More than 200 students took active part in making the event a success.

➤ **Acting Workshop by Theatre Wallay in Students' Week Spring 2014:** The Department in collaboration with Theatre Wallay performing arts group organized an acting workshop from March 24-26, 2014 at CIIT. The workshop was conducted by Ms Fizza Hassan from Theatre Wallay. Ms. Fizza highlighted the importance of gestures and body language to enhance expression without using any words. At the end of the workshop, the participants presented short skits and acts to display their acting skills.

➤ **VIRSA, the Fashion Show:** A melodious, artistic and colorful event called VIRSA was organized in collaboration with Avant Garde

Productions on March 25, 2014. The theme of the event was Weddings in Pakistan. It aimed to revive the cultural beauty of Pakistani weddings among the students. For this, a catwalk was conducted in which the male and female models walked on the stage, dressed up as traditional brides and grooms in the attires provided by Jalwa Fashion Boutique. Their make-up and hair was done by a famous beauty salon of Islamabad; Naila's Beauty Salon. The event was star studded by beautiful performances of singers and guitarists from CIIT.

➤ **International Women's Day Creative Writing and Poster Competition:** This year, to commemorate International Women's Day, the department in collaboration with the International Office and Department of Architecture, organized a creative writing and poster competition (Urdu and English) on March 25, 2014. Poster entries were judged by Ms Farha Adnan, Curator, COMSATS Art Gallery. The chief guest Ms. Francesca Chessa, Vice Council, US Embassy, appreciated the active participation of students in the competition and the relevance of their work to the significance of International Women's Day.

➤ **Sand Art Activity:** The department in collaboration with department of Management Sciences organized a Sand Art Activity on March 26, 2014. Each group was given 20 minutes to make structures along with all the goods needed

to make these structures e.g. sand, water, color sprays, picker etc.

Spring Fling: Spring Fling, as the very name suggests, was a fun-filled activity to welcome spring in a new way. The activity was organized on March 26, 2014. The event was the combination of three activities namely three-legged alien, sack it up, and water fight.

French Cuisine Event: French cuisine event was organized on March 26, 2014 during Student Week, 2014. A variety of French dishes were prepared and sold by students such as Ballotine de poulet, Quiche pie, Ratatouille, Soufflé, Éclairs, Crepes francaises, St. Augustine Salade, Potato Gratin, and Baguette.

Calligraphy Competition: Calligraphy (Arabic)

competition was arranged on March 28, 2014. Students exhibited their beautifully prepared calligraphic art in different mediums such as charts, wood, canvass, metal and glass.

Short Film Competition: A short film competition based on the theme “Bring it to Life” was organized under the aegis of Cine Comsat Club (CCC) on May 19, 2014. The chief guests for the event were celebrities from the film industry and media namely Mr. Hamza Ali Abbasi, Mr. Rehan Sheikh, and Mr. Jalal Ahmed. The competition was such that the students had to make a short film of 5 minutes. The winners received premier passes to the upcoming film “KAMBAKHT”, and Rs. 5,000/- cash.





FINANCE

12

Annual Statement of Accounts

Draft Statement of Financial Position as on June 30, 2014

| | 2014 Total(Rs.) |
|---|----------------------|
| NON CURRENT ASSETS | |
| Property, plant, and equipment | 3,909,075,069 |
| Intangible Assets | 3,853,804 |
| Long term investment | 23,281,353 |
| Long term deposits | 1,200,415 |
| Sub-total | 3,937,410,640 |
| CURRENT ASSETS | |
| Advances, deposits, prepayments and other receivables | 115,258,621 |
| Short term deposits | 50,825,321 |
| Short term investments | 484,506,052 |
| Other receivables | 27,863,053 |
| Cash and bank balances | 628,246,179 |
| Sub-total | 1,306,699,226 |
| TOTAL | 5,244,109,866 |
| LIABILITIES AND FUNDS | |
| General fund | 364,620,468 |
| Taleem Fund | 79,144,105 |
| Sub-total | 443,764,573 |
| Deferred Grant | 3,783,063,937 |
| NONCURRENT LIABILITIES | |
| Liabilities against assets subject to finance lease | 12,084,746 |
| Students security deposits | 127,549,769 |
| Employees' retirement benefits | 530,302,870 |
| Sub-total | 669,937,385 |

| | |
|--|----------------------|
| CURRENT LIABILITIES | |
| Accrued and other liabilities | 295,122,003 |
| Current portion of non-current liabilities | 52,221,971 |
| Sub-total | 347,343,973 |
| TOTAL | 1,017,281,357 |
| Grand Total | 5,244,109,867 |

Income and Expenditure Statement for the Year Ended on June 30, 2014

| | 2014 |
|--------------------------|--------------------|
| | Rs.(Millions) |
| INCOME | |
| Fee Income | 2,209.342 |
| Other Income | 944.481 |
| EXPENDITURE | |
| Total Operating Expenses | 4,837.003 |
| | 4,837.003 |
| Surplus/(Deficit) | (1,683.180) |

Note: The above statements are unaudited.

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 9.7% and amount to Rs. 3,937,410,640.

Audit Report

Audit of the Accounts of CIIT up to June 30, 2012 by the Government and statutory audit has been completed. The audit for the year 2011-12 is likely to start from December 30, 2012.

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 2013-14, CIIT has successfully completed 42 projects having capital cost of Rs. 3690.85 million.

For the financial year 2013-14 the Government of Pakistan allocated Rs. 1365.601 million for ten (10) development projects of CIIT. During the said period, Rs. 1115.6 million have been released. The detail of project is given at Annexure C.

Recurring Budget

| A: Total Resources | | 2013-14 (Rs. Millions) |
|---------------------------|---|-------------------------------|
| 1. | Opening Balance | (744.552) |
| 2.. | Total Grants & Donations [a - f] | 1,249.076 |
| a. | Federal Government (Annual) | 1,020.545 |
| b. | Supplementary / Additional Grant (Research Grant) | |
| c. | Grant for Tenure Track Faculty | 228.531 |

| | |
|--|------------------|
| 3. Total Own Resources | 3,416.786 |
| 3 (i) Students Related Income [3(i) a - 3(i) d] | 3,271.142 |
| Tuition Fees | 1,970.711 |
| Other Charges | 1,068.606 |
| Hostel Charges, etc. | 231.825 |
| a. On Campus Students (sub-total) | 3,271.142 |
| 3 (ii) Other Venues of Income [3(ii) a - 3(ii) f] | 145.644 |
| a. Income from Collaborative and Contract Research | |
| b. Income from Consultancy & Testing | 9.914 |
| c. Income from Intellectual Property | |
| | |
| e. Alumni | |
| f. Any Other Income | 135.730 |
| 3 (iii) Endowments | |
| A. Total Available Resources [1+2+3] | 3,921.310 |
| 4 (i). Expenditure from Federal Govt. Grant | 1,185.661 |
| a. Faculty Salary | 582.000 |
| b. Salary of Officers & Staff -Teaching Departments | |
| | |
| d. TTS Faculty Salary/ Gratuity | 603.661 |
| e. Other Establishment Charges | |
| f. Non Salary Expenses / Other Charges | |
| g. Research | |
| h. Library | |
| 4 (ii). Expenditure from Own Income (all resources) | 3,217.777 |
| a. Faculty Salary | 818.000 |
| b. Salary of Officers & Staff -Teaching Departments | 146.000 |
| c. Salary of Officers & staff -Non-Teaching Departments | 757.730 |
| d. TTS Faculty Salary/ Gratuity | |
| e. Other Establishment Charges | 106.392 |
| f. Non Salary Expenses / Other Charges | 1,364.655 |
| g. Research | 10.000 |
| h. Library | 15.000 |
| 5. Total Establishment Charges [4 (i) a-e + 4 (ii) a-e] | 3,013.78 |
| 6. Total Non Salary Expenses [4 (i) f-g + 4 (ii) f-h] | 1,389.655 |
| B. Total Expenditures [5 + 6] | 4,403.438 |

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. 3,416.786.

Student Spending Trend

During the reporting period, per student spending was Rs. 0.1499.

UNIVERSITY GOVERNANCE 13

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, 2014, 25 meetings of BoG have been held out of which 02 held in 2013-14 are given below:

| Meeting # | Date of Meeting |
|-----------|------------------|
| 24 | August 16, 2013 |
| 25 | January 28, 2014 |

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, 18 meetings of Academic Council has been held, out of which, 03 were during the reporting period.

| Meeting # | Date of Meeting |
|-----------|-------------------|
| 16 | July 02, 2013 |
| 17 | December 17, 2013 |
| 18 | June 24, 2014 |

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, 2014, 18 meetings of BASAR have been held, out of which, 02 were during the reporting period.

| Meeting # | Date of Meeting |
|-----------|-------------------|
| 17 | November 20, 2013 |
| 18 | May 27, 2014 |

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 2013-14, 20 meetings of Selection Board have been held, out of which, 02 were during the reporting period.



| Meeting # | Date of Meeting |
|-----------|-----------------|
| 19 | March 08, 2014 |
| 20 | May 08, 2014 |

Finance and Planning Committee: By the end of year 2012-13, 16 meetings of Finance and Planning Committee have been held, out of which, 02 were during the reporting period.

| Meeting # | Date of Meeting |
|-----------|-----------------|
| 15 | August 02, 2013 |
| 16 | May 07, 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, 214 BoS meetings have been organized, out of which, 27 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 |
|----------------------|--------------------|
| 24 (Special Meeting) | July 24, 2013 |
| 25 | September 04, 2013 |
| 26 (Special Meeting) | December 10, 2013 |
| 27 | March 14, 2014 |



Board of Studies for Development Studies

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 13 | September 09, 2013 |

Board of Studies for Humanities

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 05 | September 26, 2013 |

Board of Studies for Chemical Engineering

| Meeting # | Date of Meeting |
|-----------|-------------------|
| 13 | August 23, 2013 |
| 14 | February 21, 2014 |

Board of Studies for Electrical Engineering

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 20 | September 18, 2013 |
| 21 | February 25, 2014 |

Board of Studies for Civil Engineering

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 04 | September 30, 2013 |

Board of Studies for Mechanical Engineering

| Meeting # | Date of Meeting |
|-----------|-------------------|
| 05 | February 02, 2014 |

Board of Studies for Computer Science

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 19 | September 03, 2013 |
| 20 | February 26, 2014 |

Board of Studies for Architecture

| Meeting # | Date of Meeting |
|-----------|------------------|
| 13 | January 02, 2014 |

Board of Studies for Biosciences

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 15 | September 11, 2013 |
| 16 | February 12, 2014 |

Board of Studies for Pharmacy

| Meeting # | Date of Meeting |
|-----------|-----------------|
| 06 | August 30, 2013 |

Board of Studies for Physics

| Meeting # | Date of Meeting |
|-----------|--------------------|
| 16 | September 11, 2013 |
| 17 | January 07, 2014 |

Board of Studies for Earth Sciences

| Meeting # | Date of Meeting |
|-----------|------------------|
| 04 | October 23, 2013 |

Board of Studies for Mathematics

| Meeting # | Date of Meeting |
|----------------------|------------------|
| 15 (Special Meeting) | August 29, 2013 |
| 16 | January 30, 2014 |

Board of Studies for Chemistry

| Meeting # | Date of Meeting |
|-----------|-----------------|
| 07 | March 5, 2014 |

Board of Studies for Environmental Sciences

| Meeting # | Date of Meeting |
|-----------|-------------------|
| 15 | February 21, 2014 |

Board of Studies for Meteorology

| Meeting # | Date of Meeting |
|-----------|-----------------|
| 10 | August 21, 2013 |

Board of Studies for Statistics

| Meeting # | Date of Meeting |
|-----------|-------------------|
| 01 | February 28, 2014 |

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, 2014, 80 BoF meetings have been organized, out of which, 11 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 |
|----------------------|-------------------|
| 17 | October 28, 2013 |
| 18 (Special Meeting) | December 16, 2013 |
| 19 | March 27, 2014 |

Board of Faculty of Engineering

| Meeting # | Date of Meeting |
|-----------|------------------|
| 16 | October 28, 2013 |
| 17 | March 25, 2014 |

Board of Faculty of Information Sciences and Technology

| Meeting # | Date of Meeting |
|-----------|------------------|
| 16 | October 29, 2013 |
| 17 | March 26, 2014 |

Board of Faculty of Architecture and Design

| Meeting # | Date of Meeting |
|-----------|------------------|
| 10 | October 30, 2013 |
| 11 | March 25, 2014 |

Board of Faculty of Science

| Meeting # | Date of Meeting |
|-----------|------------------|
| 15 | October 29, 2013 |
| 16 | March 26, 2014 |

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 has been functional at CIIT since last year 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.

Campus Management Committee: The role of Campus Management Committee is very significant. All Heads of Department at campus level are member of CMC and the meetings of the CMS are convened by Campus Director or any nominated person on his/her behalf. All committee members are to be formally nominated by the competent authority. The prime objective of this committee is to meet at least 8 weeks prior to commencement of every semester and review preparations for any forthcoming semester. Usually, in these meetings, a discussion takes place on various agenda to ensure smooth going during a semester. If convener feels that there is a need to re-assess the situation, the meeting can be still called again.

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 at Annexure (D).



OFFICE OF DEVELOPMENT 14

Office of Development (OoD) at CIIT was established and is functional since 2009. There are two distinct parts of this office, namely the Endowment Fund and the Comsian Association (Alumni related). The activities of OoD during the reporting period are stated below:

Initiatives and Implementation

➤ Students Financial Aid Office (SFAO)

Funding was released to SFAO at all the campuses. Campus based OoD established SFAO offices, which are fully functional now. These offices processed the data of more than nine thousand applicants for scholarships during the reporting period. Thousands of tranches were disbursed through this set up.

➤ Launch of New Scholarships

Multiple new scholarships were launched during the reporting period to provide financial assistance to the students. Scholarships initiated in Fall 2013 included Punjab Education Endowment Fund-UKAID need based scholarships, Prime Minister's fee

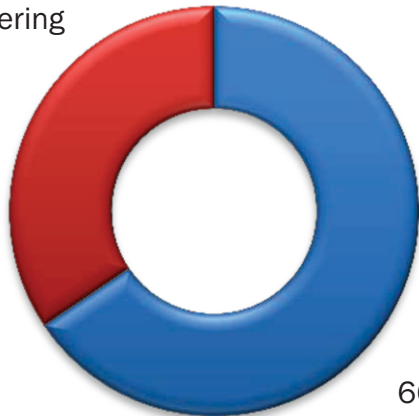
reimbursement scheme for under developed areas, German need based scholarships, and French need based scholarships (Phase-II), while in Spring 2014 Pak-USAID merit and need based scholarships, Chief Minister Education Endowment Fund Scholarships (for KPK) were instigated. More than six thousand applications were processed to recommend deserving students for award of scholarships.

➤ Continuation of Existing Scholarships

OoD worked on HEC Need Based scholarships, French Need Based scholarships, CIIT Endowment Fund (CIITEF) scholarships, Financial Assistance for Walk in Needy students (FAWN), Workers Welfare Board scholarships, Benevolent Fund scholarships, 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. The statistics of CIITEF scholarship are presented below:

CIITEF Scholarship Awardees

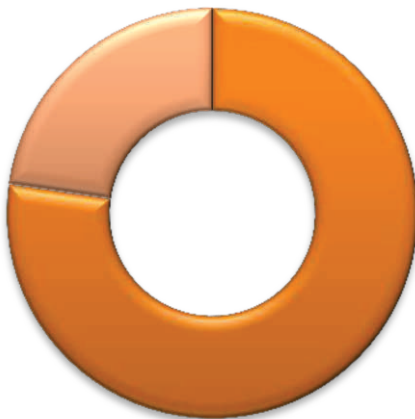
34 % Non-Engineering



66 % Engineering

CIITEF Scholarship Awardees

Female 28 %



Male 77 %

➤ Trainings to Staff of Students Financial Aid Offices

Staff from all the campuses was invited twice to enhance their skills of running a SFAO at their respective campus during the reporting period. First training session was held on February 03, 2014 while second was organized on May 25, 2014.

➤ Interactive Session with Scholarship Awardees

Scholarship awardees from CIIT Lahore, Sahiwal, and Vehari were given an opportunity to gather at Lahore and share their academic performances and various challenges in an open forum on February 17, 2014.

➤ Urdu Poetry Festival

Urdu poetry festival was organized by OoD and Perveen Shakir Trust on May 30, 2014.

Famous poets like Amjid Islam Amjid, Dr. Tauseef Tabassum, Ms. Seema Ghazal and Ms. Hameeda Shaheen, and Mr. Atif Zafar Saadi participated and read their poems. To grace the occasion famous showbiz personalities like Talat Hussain, Qavi Khan, and Mustansar Hussain Tarar were also present.





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

- Meetings with the officials of Punjab Education Endowment Fund (PEEF) were held regarding PEEF scholarships. A MoU was signed in October 2013 according to which 42 graduate level scholarships were provided during the reporting period.
- On campus branding by Venture 4 Communication was done during which a donation of Rs. 10,000 was deposited to the Endowment Fund.
- A meeting with the officials of Endowment Fund/Placement Cell at Lahore University of Management Sciences (LUMS) was held on January 06, 2014 to know about their idea of funds and way of working.
- A dinner was hosted on March 03, 2014 in honor of PEEF students with Education Minister Mr. Rana Mashhood Ahmad Khan along with other brilliant students from different institutions/universities.

OoD at CIIT Vehari sent 05 Punjab Educational Endowment Fund (PEEF) Scholars to attend the training program by PEEF-United Kingdom Department for International Development (UKDFID) in Youth Development Center, Murree



from May 9-11, 2014.

Future Plans

- OoD intends to launch new initiatives like promotion of research from platform of the CIIT Endowment Fund in future. Under this initiative different research projects shall be funded partly. In the same spirit, CIIT staff members desirous of pursuing their career in the field of research shall be facilitated.
- An intensive fund raising drive shall be launched to collect funds from different segments of society and bilateral and lateral sources to promote the agenda of social development as provided in rules of CIIT Endowment Fund.
- Development/Enhancement of CIIT Vehari's OoD website including the domains of Students Financial Aid Office, Alumni Affairs, and Endowment Fund.

HEALTH CENTER/ MEDICAL FACILITIES 15

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 Center 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, two 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. 1.7 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 awareness campaigns were organized by the center:

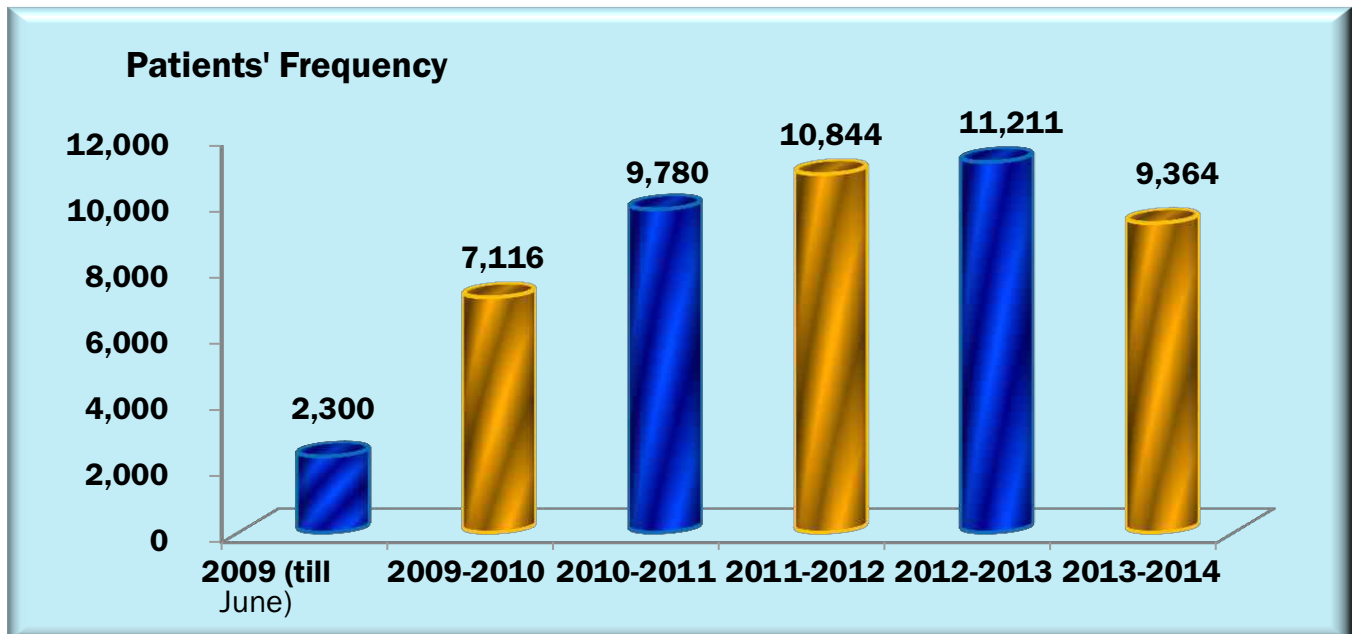
- Thalassemia awareness campaign was arranged from September 27-28, 2013. During the campaign, lectures were delivered to the students, free blood complete profile of all visitors to the camp site was done, 500 individuals visited and 200 blood bags were donated. The same was arranged again from May 28-29, 2014. During May's activity, 130 individuals got their blood CP checked and 90 blood bags were donated;
- Breast Cancer awareness day was organized on October 30, 2013. It was a full day activity during which a lecture by a consultant was arranged and awareness material i.e. pamphlets and pink ribbons were distributed with the help of students;
- Pain Management Clinic was arranged on December 22, 2013 and March 18, 2014. The expert was Dr. Zahid Hussain Bokhari;
- A lecture on general cancer awareness was arranged on February 26, 2014 which was followed by question and answer session;

➤ A seminar on ethics and moral values focusing health related issues being faced by Pakistani youth was arranged on April 30, 2014 in coordination of Department of Humanities, CIIT Islamabad.

The facilities available at the center are

echocardiogram (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:



Moreover, 120 patients were shifted to various hospitals and 240 were referred for specialists' opinion during the reporting period.

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.

Medical center at CIIT Abbottabad treated 6,401 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.

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

Counseling for Stress Reduction

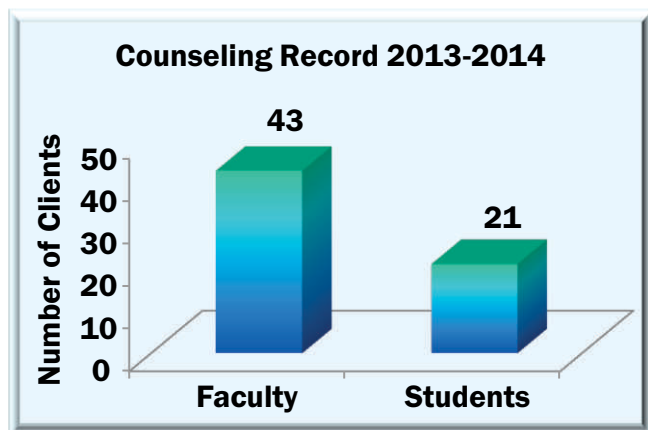
The Counseling and Psychological Services (CPS) Center at CIIT Islamabad is a center with a mission of providing a wide range of psychological services. These services are

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.

CPS 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. CPS center provides individual counseling, group counseling, and couple counseling.

The progress of the counseling services can be seen through the data during the reporting time.

The ratio of clientage is as follows:

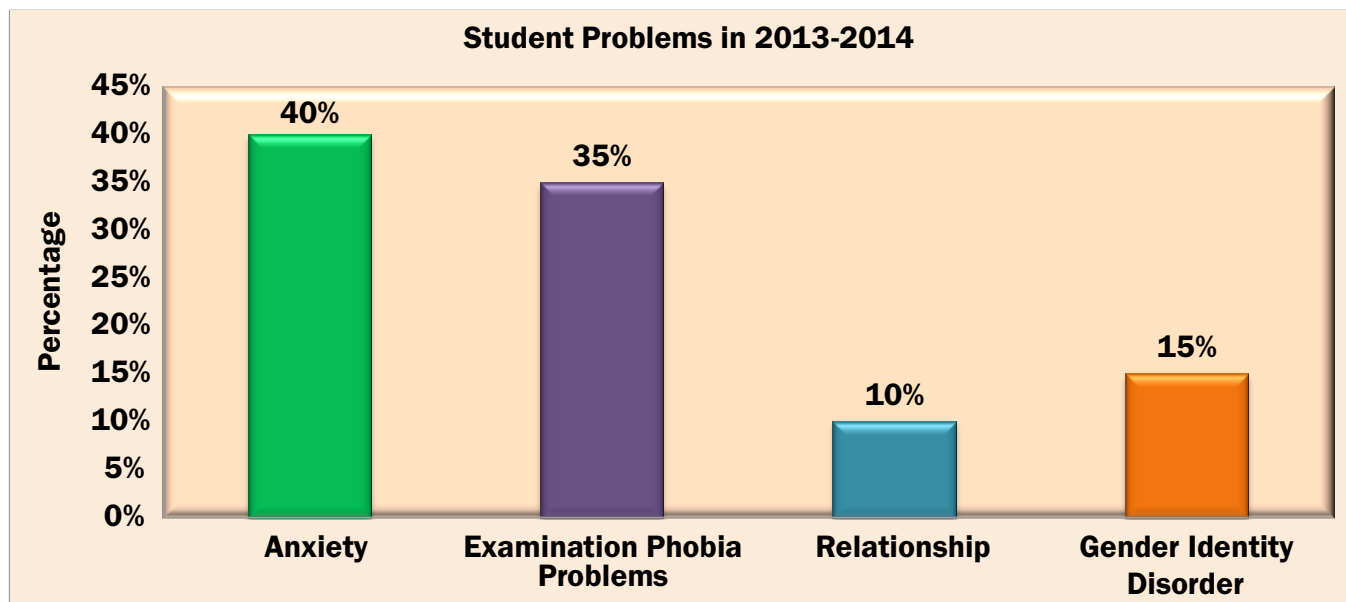


Source: Counseling and Psychological Service Center, Ms. Sadaf Sajjad, Assistant Professor



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

Clinical sessions are carried out in a lab called 3D GIT (graphical imagery therapy) Lab. The lab is used for research on computational psychology. A 3D imagery therapy game was developed successfully

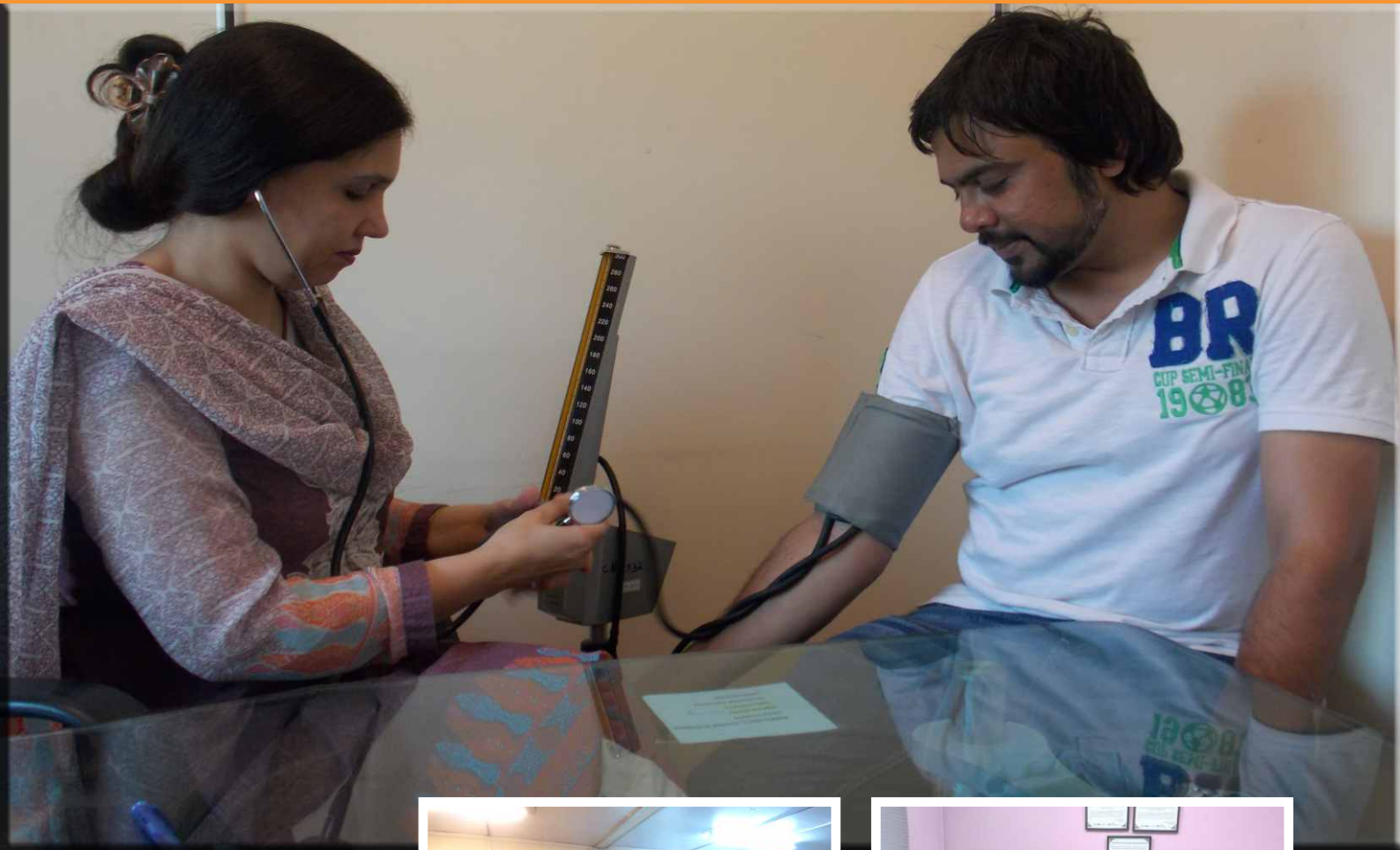
during the reporting period to treat psychological illness of children having brain tumor. CPS has also published a research paper titled "Psychotherapy through Video Game to Target Illness Related Problematic Behaviors of Children with Brain Tumor", Current Medical Imaging Reviews Journal, Bentham Science Publication, 2014, in April 2014.

Another initiative of CPS center at CIIT Islamabad is Class Representative (CR) Psychological Service Program which is functional since March 2014. It is an awareness program in which CR regularly attend the sessions with the Clinical Psychologist to discuss day to day problems of

the students regarding stress, social behavior and other health issues. Their role is to identify students who are in distress and assist them to find the resources available to help themselves.

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.



ANNEXURES

Annexure A: List of National and International MoUs International MoUs during 2013-14

| # | Name of Institution/Organization |
|----|--|
| 1 | Yamagata University, Japan - I |
| 2 | Yamagata University, Japan - II |
| 3 | Technical University Braunschweig, Germany |
| 4 | University of Asmariya for Islamic Sciences, Zliten, Libya |
| 5 | Islamic University in Uganda, Mbale, Uganda |
| 6 | Erzurum Technical University, Erzurum, Turkey |
| 7 | Duzce University, Duzce, Turkey |
| 8 | Sirnak University, Sirnak, Turkey |
| 9 | Yildirim Beyazit University, Ankara, Turkey |
| 10 | Trakya University , Edirne, Turkey |
| 11 | Namik Kemal Muhallesli Kampus Caddesi, Tekirdag, Turkey |
| 12 | MUS Alparsalan University, Mus, Turkey |
| 13 | Istanbul Technical University, Istanbul, Turkey |
| 14 | Istanbul Medeniyet University, Istanbul, Turkey |
| 15 | HAKKARI University, Hakkari, Turkey |
| 16 | University of Gaziantep, Gaziantep, Turkey |
| 17 | Erzincan University, Erzincan, Turkey |
| 18 | DICLE University, Diyarbakir, Turkey |
| 19 | Bursa Technical University, Bursa, Turkey |
| 20 | BOZOK Üniversitesi, Yozgat, Turkey |
| 21 | Bitlis Eren University, Bitlis, Turkey |
| 22 | AĞRI İbrahim ÇEÇEN University, Agri, Turkey |
| 23 | Monastir University, Monastir, Tunisia |
| 24 | University of Kordofan, Al Ubayyid, Sudan |

| | |
|----|---|
| 25 | University of Bakht Alruda, White Nile, Sudan |
| 26 | Sudan University of Science and Technology, Khartoum, Sudan |
| 27 | Nile Valley University, Khartoum, Sudan |
| 28 | Gezira University, Wad Medani, Sudan |
| 29 | AL.Neelain University, Khartoum, Sudan |
| 30 | An-Najah National University, Nablus, Palestine |
| 31 | University of Religion & Denominations, Qom, Iran |
| 32 | Alzahra University, Tehran, Iran |
| 33 | Universite Julius Nyerere De Kankan, Kankan, Guinea |
| 34 | International Islamic University, Chhtagong, Bangladesh |
| 35 | Yildiz Technical University, Turkey |
| 36 | Fatih university, Turkey |
| 37 | Zirve University, Turkey |
| 38 | Suleyman Sah University, Turkey |
| 39 | Ishiq University, Iraq |
| 40 | University of Camerino, Italy |
| 41 | Tsinghua TongFang Co. Ltd China |
| 42 | The Abdus Salam International Centre for Theoretical Physics (ICTP), Italy |
| 43 | Imam Muhammad Bin Saud Islamic University, Saudi Arabia |
| 44 | UNESCO |
| 45 | ALICE-CERN, Switzerland |
| 46 | UNESCO |
| 47 | Infinal Technologies, New Jersey, USA |
| 48 | Beijing Juicy Technology Co. Ltd., China |
| 49 | School of Journalism & Communication Jinan University, China |
| 50 | MIDTRANS (Commodities International) Co. Ltd, China |
| 51 | Chartered Institute of Management Accountants (CIMA), UK |
| 52 | Iranian Research Organization for Science & Technology (IROST), Iran |
| 53 | Tribhuvan University, Nepal; University Of Life Sciences, Norway; University Of Ruhuna, Sri Lanka |

National MoUs during 2013-14

| # | Name of Institution/Organization |
|---|--|
| 1 | Beaconhouse National University, Lahore |
| 2 | Sardar Bahadur Khan Women University (SBKWU) Quetta |
| 3 | Bahria University, Islamabad |
| 4 | REON (A Division of Dawood Lawrancepur Limited), |
| 5 | Pakistan Agricultural Research Council (PARC), Islamabad |

Annexure B: List of Completed Development Projects as on June 30, 2014

| S. N. | Name of the Project | Cost |
|-------|---|---------|
| 1 | Strengthening of CIIT Labs, Islamabad (Revised) | 22.930 |
| 2 | Construction of Academic Block for CIIT, Islamabad (Revised) | 46.610 |
| 3 | Provision of Transport Facilities at CIIT, Islamabad | 3.000 |
| 4 | Capacity Building at Department of Mathematics, CIIT, Islamabad | 29.608 |
| 5 | Strengthening of the Telecom Engineering Department, CIIT, Islamabad | 29.820 |
| 6 | Establishment of a CIIT Campus at Abbottabad | 38.131 |
| 7 | Capacity Building at CIIT Abbottabad (Revised) | 36.184 |
| 8 | Provision of Support Facilities at CIIT, Abbottabad | 31.903 |
| 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 | 32.516 |
| 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 Urgent Requirement Using Pre-Engineered Steel Blocks at CIIT, Lahor | 33.223 |
| 20 | Transfer of Land and Construction of Boundary Wall etc. for Establishing CIIT Campus at Attock, Gujrat and Sahiwal | 31.988 |
| 21 | Designing and Fabrication of Micro and Nano Electronic Devices for Applications at the Department of Physics COMSATS Institute of Information Technology, Islamabad | 185.448 |
| 22 | Establishment of Permanent Campus of COMSATS Institute of Information Technology at Chak Shahzad, Islamabad (Revised) | 395.373 |
| 23 | Engineering Faculty Development at COMSATS Institute of Information Technology, Islamabad | 229.800 |
| 24 | Infrastructure Development of COMSATS Institute of Information Technology Campuses at Abbottabad and Wah | 344.676 |
| 25 | Establishment of Radiation Physics Laboratory in the Department of Physics at CIIT, Islamabad | 38.750 |
| 26 | Upgradation of Existing Facilities at COMSATS Institute of Information Technology (CIIT) Campus at Lahore. | 35.240 |
| 27 | Establishing COMSATS Institute of Information Technology Campuses at Larkana, Vehari, Karachi & Quetta (PC-II) | 12.000 |
| 28 | Establishment of Permanent Campus of COMSATS Institute of Information Technology at Sahiwal | 407.989 |
| 29 | Provision of Essential Facilities at CIIT, Islamabad (Revised) | 650.755 |
| 30 | Establishment/Strengthening of Research and Development Activities in Chemical Engineering Department at the CIIT Lahore | 38.377 |

| | | |
|--|---|----------------|
| 31 | Strengthening of the Department of Biomedical Material Sciences at CIIT, Lahore | 37.953 |
| Total | | 3467.73 |
| HRD Projects Implemented (Ministry of Information Technology) | | |
| 32 | Information Technology Resource Development Training of Data Entry Operators (Revised) | 20.000 |
| 33 | Information Technology Resource Development Medical Transcription Training for Young Doctors and Graduates | 25.000 |
| 34 | Information Technology Resource Development: Training of Federal Govt. Employees Working in BPS 5-15 and based in Rawalpindi and Islamabad | 13.000 |
| 35 | Information Technology Resource Development: Pilot Project for Producing 1000 Developers in Java Technology | 22.000 |
| 36 | Information Technology Resource Development IT Training of Graduates having MS/BE Degree from Balochistan | 14.800 |
| 37 | IT Faculty Program Phase-I | 39.682 |
| 38 | Mobilization of Technology Resources: Working Groups for Research and Resource Mobilization in Key Areas of Information Technology and Telecommunications | 29.840 |
| 39 | Information Technology Resource Development: Legal Transcription Training | 27.000 |
| 40 | CISCO Networking Academies | 12.700 |
| Total | | 150.800 |
| Infrastructure Projects Implemented (Higher Education Commission) | | |
| 41 | Renovation of Administration, Auditorium and other Blocks of Higher Education Commission, Islamabad | 39.785 |
| 42 | Construction of C&T Building, Higher Education Commission, | 32.535 |
| Total | | 72.320 |
| Grand Total | | 3690.85 |

Annexure C: List of On-going Development Projects during 2013-14

Higher Education Commission:

In PSDP 2013-14, Rs. 1040 million were allocated to CIIT for 04 projects. However, total amount of Rs. 890 million was released to CIIT against these projects.

| S. N. | Projects | Capital Cost | Allocation | Releases |
|-------|--|--------------|------------|----------|
| 1 | Establishment of Permanent Campus of COMSATS Institute of Information Technology, Attock | 472.352 | 90.000 | 90.000 |
| 2 | Infrastructure Development of COMSATS Institute of Information Technology, Islamabad | 2,862.656 | 450.000 | 450.000 |
| 3 | Infrastructure Development of COMSATS Institute of Information Technology, Islamabad | 684.518 | 350.000 | 350.000 |
| 4 | Uplifting Program of COMSATS Institute of Information Technology, Gujrat | 898.559 | 150.000 | 0.000 |

Ministry of Science and Technology

In PSDP 2013-14, Rs. 325.601 million were allocated to CIIT for 06 projects. However, a total amount of Rs.225.600 million was released to CIIT against these projects.

| S. N. | Projects | Capital Cost | Allocation | Releases |
|-------|--|------------------|----------------|----------------|
| 1 | Faculty Development at University of Illinois at Urbana Champaign, USA | 484.390 | 71.468 | 71.468 |
| 2 | Strengthening of the Department of Biomedical Material Sciences at the COMSATS Institute of Information Technology, Lahore | 37.953 | 1.664 | 1.664 |
| 3 | Establishing / Strengthening Research and Development Activities in Chemical Engineering Department at COMSATS Institute of Information Technology, Lahore | 38.377 | 2.469 | 2.469 |
| 4 | Establishment of COMSATS Institute of Information Technology Campus at Vehari | 426.154 | 150.000 | 150.000 |
| 5 | Establishment of COMSATS Institute of Information Technology, Jaffarabad Campus, Balochistan | 752.552 | 50.000 | 0.000 |
| 6 | Establishment of COMSATS Institute of Information Technology at Gujjar Khan | 904.114 | 50.000 | 0.000 |
| | Total | 2,643.539 | 325.601 | 225.600 |

Major Civil Works During FY 2013-14

| S. N. | Title | Cost (Rs. Million) | Area (sft) |
|-------|---|--------------------|----------------|
| a | Academic Block-III, CIIT, Islamabad | 169.049 | 82,800 |
| b | Workshop Building, CIIT, Islamabad | 12.519 | 7,200 |
| c | Business Incubation Center, CIIT, Islamabad | 19.779 | 19,515 |
| d | Main Academic Block, CIIT, Vehari | 144.00 | 75,000 |
| e | Academic Block, CIIT, Attock | 46.273 | 30,300 |
| f | Admin Block, CIIT, Attock | 15.822 | 12,206 |
| | Total | 407.442 | 227,021 |

Annexure D: Detail of CARC and DARC Meetings during 2013-14

CARC Meetings-UMS for Quality and Productivity Improvement at CIIT All Campuses during FALL 2013 Semester

| # | Meeting # | Date |
|---|-------------------------|--------------------|
| 1 | 1 st Meeting | September 09, 2013 |
| 2 | 2 nd Meeting | October 24, 2013 |
| 3 | 3 rd Meeting | December 03, 2014 |
| 4 | 4 th Meeting | December 06, 2014 |

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

| # | Meeting # | Date |
|---|-------------------------|-------------------|
| 1 | 1 st Meeting | February 10, 2014 |
| 2 | 2 nd Meeting | April 02, 2014 |
| 3 | 3 rd Meeting | May 09, 2014 |
| 4 | 4 th Meeting | May 29, 2014 |
| 5 | 5 th Meeting | June 30, 2014 |

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

| # | Meeting # | Date |
|---|-------------------------|----------------|
| 1 | 1 st Meeting | March 12, 2014 |
| 2 | 2 nd Meeting | April 29, 2014 |
| 3 | 3 rd Meeting | June 16, 2014 |
| 4 | 4 th Meeting | July 03, 2014 |
| 5 | 5 th Meeting | July 21, 2014 |

DARC Meetings-UMS for Quality and Productivity Improvement at CIIT Campuses during SP-14 Semester Except Abbottabad Campus

| # | Meeting # | Date |
|---|-------------------------|--------------------|
| 1 | 1 st Meeting | September 05, 2013 |
| 2 | 2 nd Meeting | September 25, 2013 |
| 3 | 3 rd Meeting | October 07, 2013 |
| 4 | 4 th Meeting | October 21, 2013 |
| 5 | 5 th Meeting | November 15, 2013 |
| 6 | 6 th Meeting | December 02, 2013 |
| 7 | 7 th Meeting | December 10, 2013 |
| 8 | 8 th Meeting | December 24, 2014 |
| 9 | 9 th Meeting | January 20, 2014 |

**DARC Meetings-UMS for Quality and Productivity Improvement
at CIIT Campuses during SP-14 Semester
Except Abbottabad Campus**

| # | Meeting # | Date |
|---|-------------------------|-------------------|
| 1 | 1 st Meeting | February 06, 2014 |
| 2 | 2 nd Meeting | February 26, 2014 |
| 3 | 3 rd Meeting | March 10, 2014 |
| 4 | 4 th Meeting | March 25, 2014 |
| 5 | 5 th Meeting | April 18, 2014 |
| 6 | 6 th Meeting | May 06, 2014 |
| 7 | 7 th Meeting | May 16, 2014 |
| 8 | 8 th Meeting | May 27, 2014 |
| 9 | 9 th Meeting | June 30, 2014 |

**DARC Meetings-UMS for Quality and Productivity Improvement
at CIIT Abbottabad Campus during Spring 20114 Semester**

| # | Meeting # | Date |
|---|-------------------------|----------------|
| 1 | 1 st Meeting | March 05, 2014 |
| 2 | 2 nd Meeting | March 20, 2014 |
| 3 | 3 rd Meeting | April 07, 2014 |
| 4 | 4 th Meeting | April 24, 2014 |
| 5 | 5 th Meeting | May 19, 2014 |
| 6 | 6 th Meeting | June 10, 2014 |
| 7 | 7 th Meeting | June 24, 2014 |
| 8 | 8 th Meeting | July 03, 2014 |
| 9 | 9 th Meeting | July 21, 2014 |

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