

COMSATS Institute of Information Technology Pakistan

Dr. Haroon Rashid, Pro-Rector

COMSATS Institute of Information Technology (CIIT)

A Degree Awarding Institute in higher education established in 1998 as a Centre of Excellence of the Commission on Science and Technology for Sustainable Development in the South (COMSATS)

Growth

Milestones	2000	2013
Campuses	1	8
Student Enrolment	277	22,860
Faculty Strength	15	2,241
Staff Strength	38	2,727
Academic Programs	3	73
Graduates	-	22,558
Operating Budget	Rs. 64 M	Rs. 4,055 M
Development Budget	Rs. 36 M	Rs. 1,376 M

Mission Statement



Vision 2020



By 2015

- Among Top 100 Universities of Developing World
- Added focus on Social Sciences

By 2020

- Among Top 500 World Universities
- Added focus on Medical & Biological Sciences

Academic Distribution

Faculties

(Five)

Academic

Departments

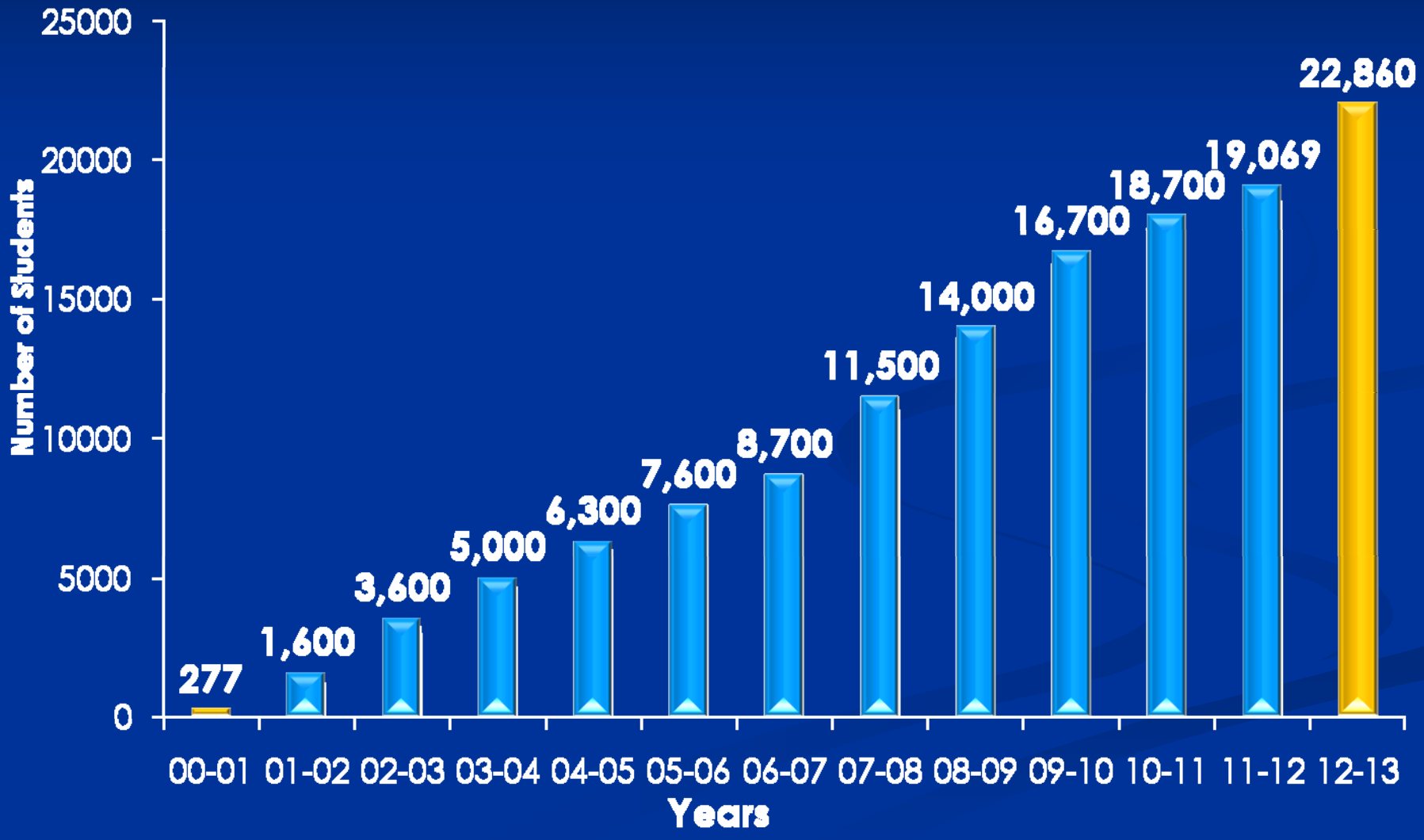
(Eighteen)

R & D Centers

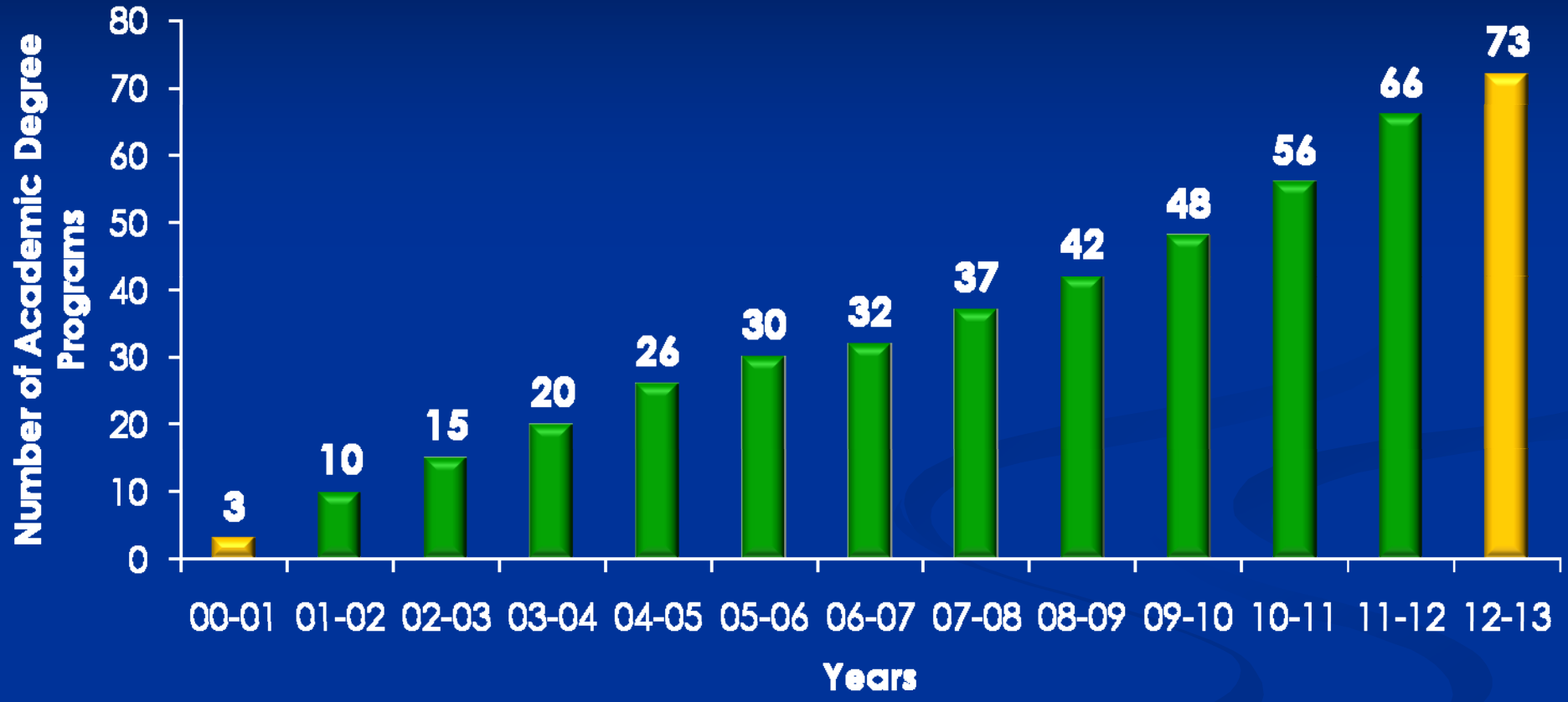
(Thirteen)

Year Wise Student Enrollment (2000-2013)

Male: 79%
Female: 21%
Intl. students: 21



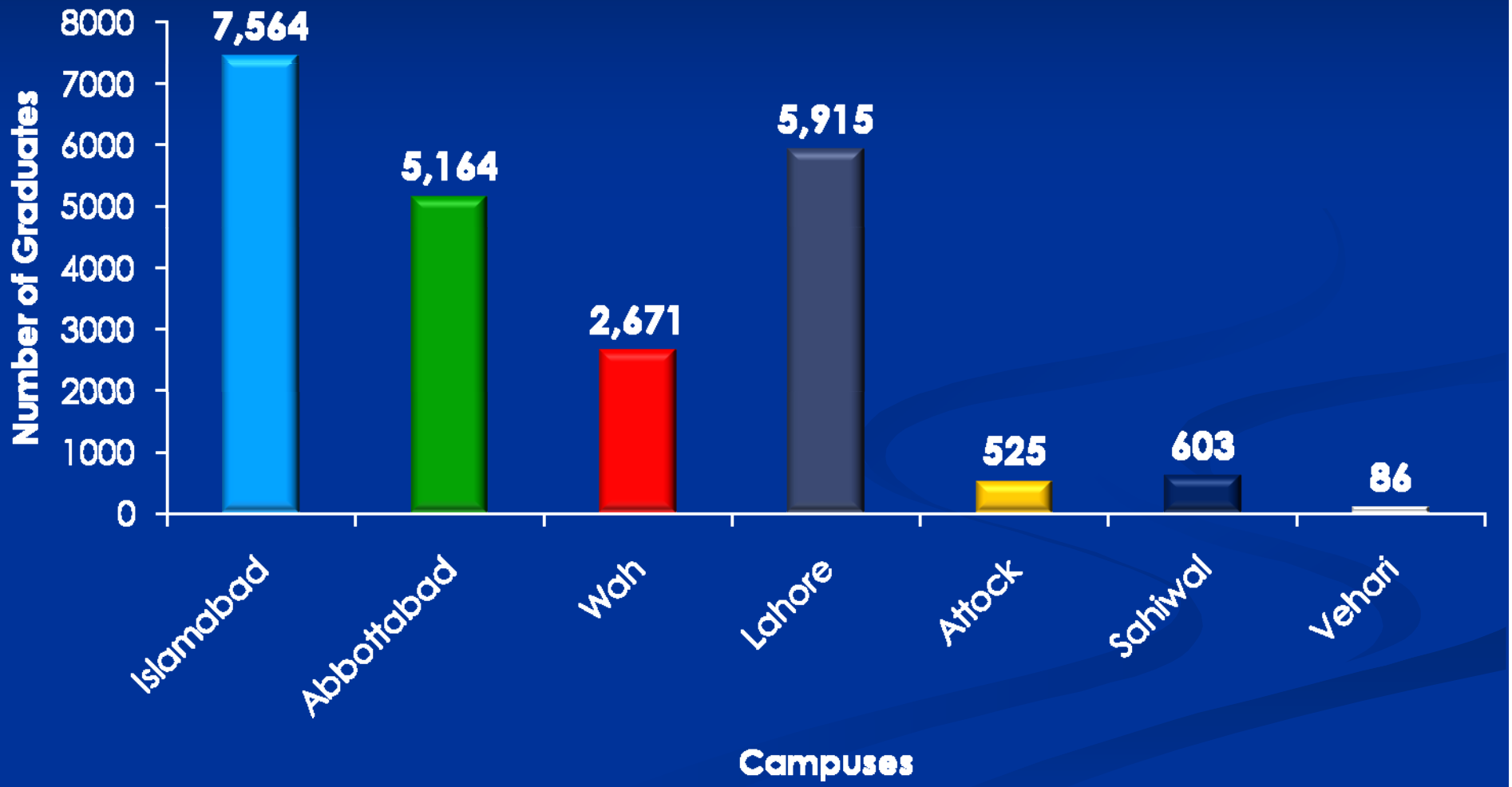
Academic Degree Programs

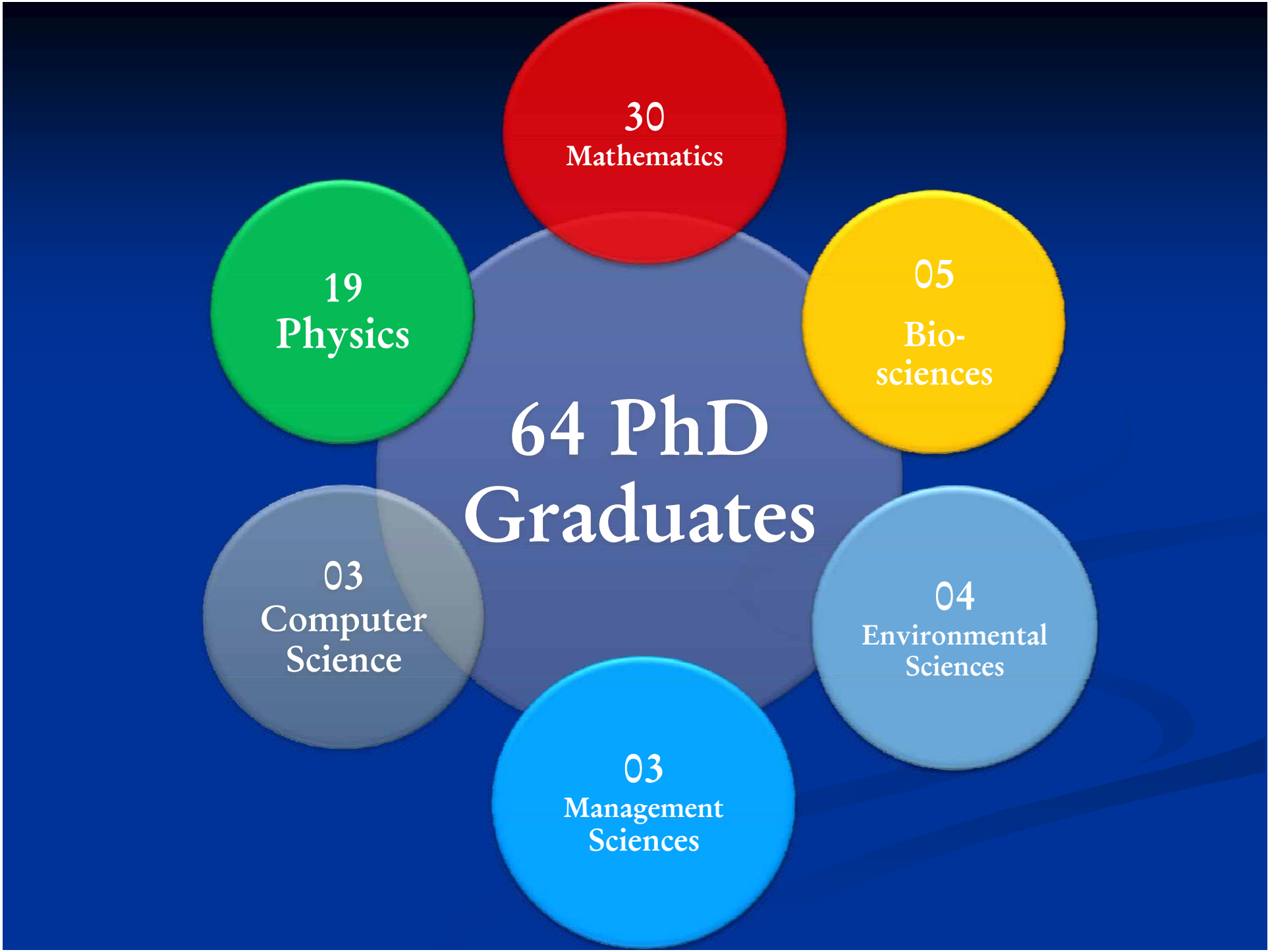


03 in 2000 **73 in 2013**

Undergraduate: 36 **Graduate: 37**

Graduates Produced: 22,558 (campus-wise)




30
Mathematics
19
Physics
05
Bio-
sciences
64 PhD
Graduates
03
Computer
Science
04
Environmental
Sciences
03
Management
Sciences

Alumni Distribution in Various Sectors of Economy

- IT / Telecom Sector 36%
- Business Sector 24%
- Government Services 17%
- Banking Sector 14%
- Higher Education 09%

Student Financial Aid

Stated Policy: No one shall be denied admission merely on the basis of their inability to pay

Since inception, more than Rs. 1200 m have been dispersed among students as financial assistance (e.g., merit, need-based scholarships, financial assistance, fee waivers, etc.)

100 Scholarships for COMSATS Member Countries



National Recognition
(Certified by Higher Education Commission)

No. 1 Rank
in Pakistan in
Computer Science / IT
(2012)

No. 6 Rank
in Pakistan in
International Research
Publications
(2011)

No. 9 Rank
in Pakistan in
Overall Ranking
(2012)

National Contribution

IT Action Plan 2000

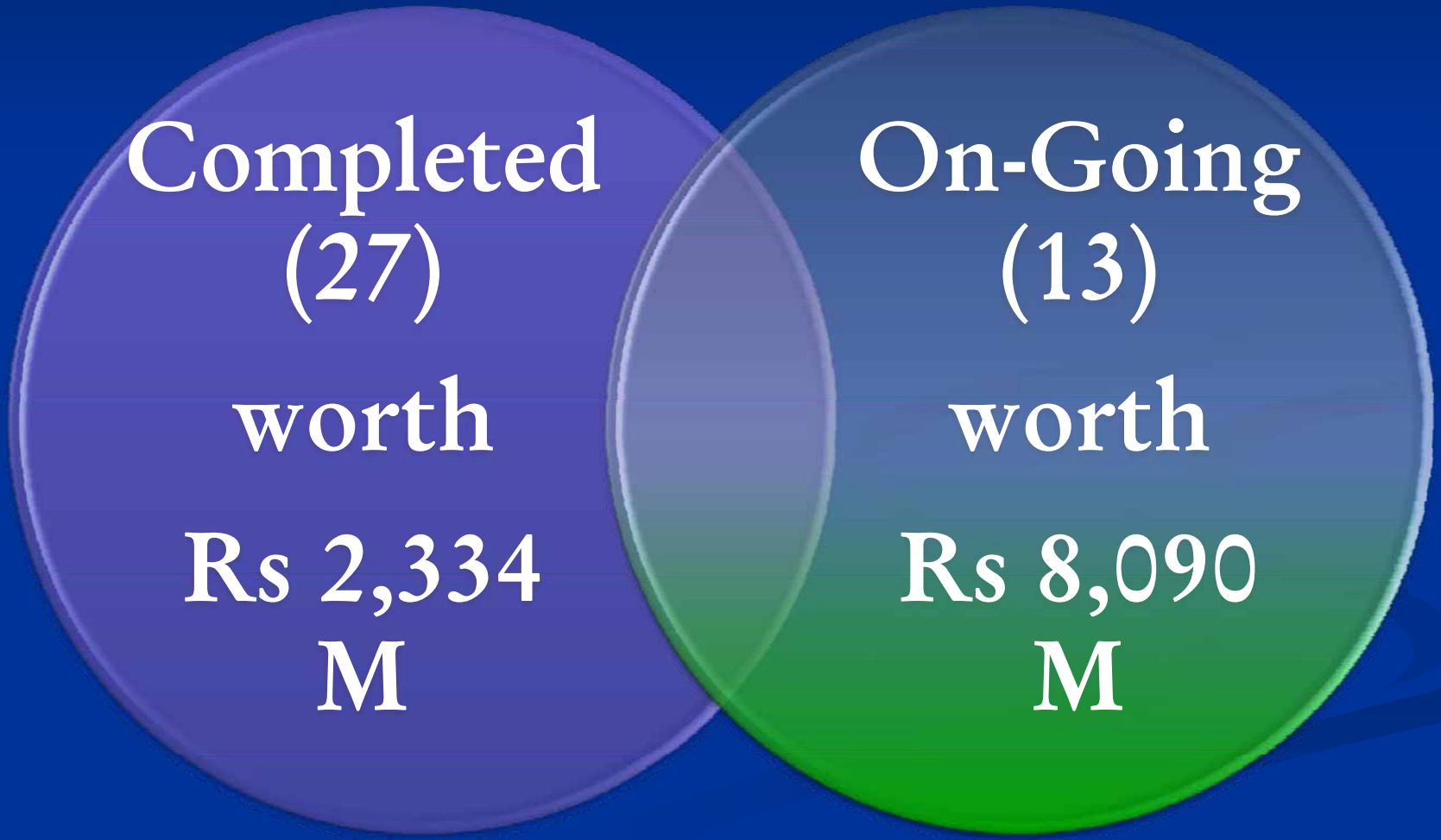
- Significant contributions toward socio-economic development of the country by implementing Government's IT Action Plan 2000, and successfully executed projects of national importance:

  - Training of Data Entry Operators (12,000)
  - Medical/Legal Transcription Trainings (2,500 and 2,000)
  - IT Training for Federal Government Employees (5,000)
  - Training of School Teachers in the use of IT in Teaching (18,000)
  - Pilot Project for Training Developers in Java Technology (1,000)
  - Post Graduate Diploma for Students from Balochistan (100)

Facets of Expansion

- National Testing Service
- Inter Islamic Network on IT
- COMSIAN Consulting
- COMSIAN Foundation
- Faculty Development Academy

Development Projects



R&D Efforts Leading to Commercialization

- Research, Innovation & Commercialization Office
  - Business Incubation Center
  - Technology Incubation Center
  - Intellectual Property Rights Management Team

Technology Park

- To inculcate entrepreneurial ethos among youth
- To promote technology based companies
- To provide developmental support to graduates
- Transform ideas and research into prototype product
- To promote industry and academia synergies

COMSATS Technology Park

- Progress
  - 8 Acres of Land
  - Consultants from Finland engaged
  - Architectural design under progress
  - Blueprint to be ready in 4 months time
  - Estimated cost is USD 15 million (Proposals for fund-raising welcome)

Incubation Center

Forerunner of COMSATS Technology Park

- Purposely built building of approx. 10,000 sft
- Tender Opened and work allocated
- Completion time 6-8 months
- Office space, laboratories, conference halls, meeting rooms etc
- High speed internet connection
- Incubate by providing services in management, IT, legal, intellectual property rights protection etc

Intellectual Output

Research Articles
2,621+

CIMI Medals
8

Research Productivity
35 in 2012 (PCST)

30 Books and 10 Chapters

More than 300 Research-Based Workshops

Six Patents

Social Service

- Relief and IT enabled data base during October 2005 earthquake
- Talent Farming Scholarship Scheme in 2007
- 12,000 Swat IDP families provided relief and shelter in 2009
- Relief & monetary contribution for flood affected in August 2010
- Maulana Abdus Sattar Edhi received honorary doctorate degree from the University of Bedfordshire (UK) in 2010, on CIIT's recommendations
- Pakistan Sweet Home in 2011
- Relief to the poor victims of the devastating flood hit

Pakistan Sweet Home





National Level Awards

#	CIIT Employee	Award	Year
1	Dr. S. M. Junaid Zaidi	Sitara Imtiaz:Pakistan	2006
2	Dr. Raheel Qamar	Tamgha-i-Imtiaz:Pakistan	2007
3	Dr. Muhammad Aslam Noor	Pride of Performance	2008
4	Dr. Saleem Asghar	Sitara Imtiaz:Pakistan	2008
5	Dr. Khalida Inayat Noor	Pride of Performance	2010
6	Dr. Qaisar Mehmood	Tamgha-i-Imtiaz:Pakistan	2011
7	Dr. Syed Tauseef Mohyud Din	Pride of Performance	2011
8	Dr. Arshad Saleem Bhatti	Tamgha-i-Imtiaz:Pakistan	2011
9	Dr. Haroon Rashid	Sitara Imtiaz:Pakistan	2012
10	Dr. Jamshed Iqbal	Tamgha-i-Imtiaz:Pakistan	2012
11	Dr. Sonia Zafar	Tamgha-i-Imtiaz:Pakistan	2012

International and National Linkages: 140



Dual Degree Program

Students physically study in Lahore, and on successful completion of studies shall be awarded degrees by LU and CIIT.

07 Undergraduate Programs in:
Computer Science,
Software Engineering,
Telecom Engineering ,
Computer Engineering,
Electronics Engineering,
Chemical Engineering,&
Business Administration.

COMSATS IIT Virtual Campus

Launched in June 2012

BS(CS), BS(SE), MCS, BS(BA), BBS, MBA(3.5 yrs), MBA(1.5 yrs) MA(Eng), MPA, MSc(Maths.), MS(PM)

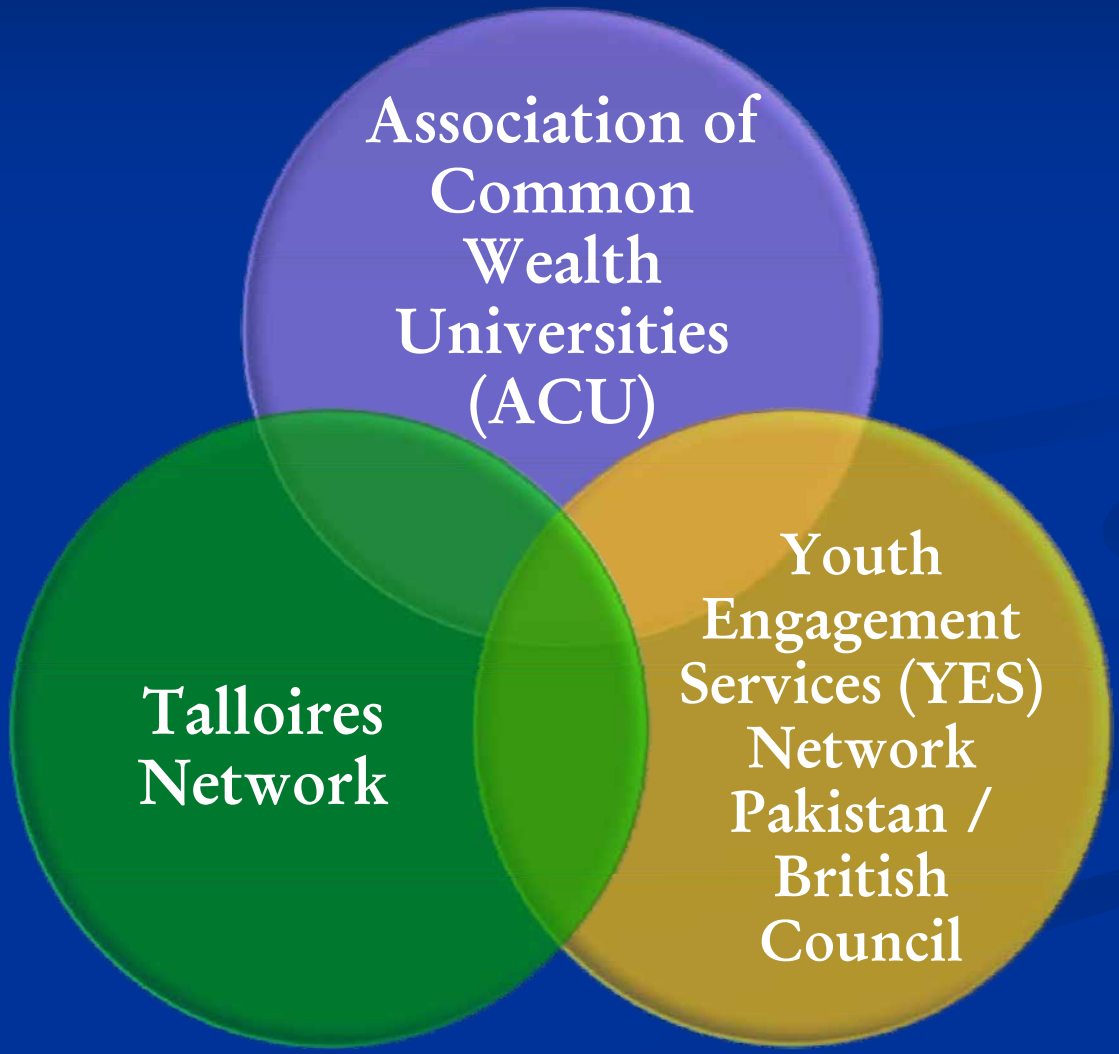
11 Programs

Affordable Distance Education

Classes started from Fall 2012

1,303 students

International Branding / Affiliation with



Quality Systems

- Quality Enhancement Cell in 2007
- QEC at CIIT placed in top category of 'W' by HEC in first ever ranking of 84 QEC's in Pakistan in 2011
- ISO 9001:2008 certified in 2011
- Uniform Quality Teaching Management through web based Campus Management System

Picture Gallery

51st Convocation April 2013











Frontiers of IT
(2002 - 2012 Conferences)



Solo Exhibition 'Safar' by Nargis Khalid – July 2011





H.E. Mohamed Ebrahim Mohamed Abdulqader ,Ambassador Embassy of the Kingdom of Bahrain in Islamic Republic of Pakistan, inaugurated the show on July 27, 2011.

PAK-CHINA BUSINESS FORUM
MARCH 23-26, 2013

- To promote academia – industry collaboration in business and economic sector mutual benefit of both Pakistan and China.
- Main themes were Renewable Energy Technologies, New Energy Technologies, Information and Communication Technologies, Water Conservation, Purification and Sanitation, Biomedical Materials, and General category.
- More than 80,000 visitors including local and foreign.
- 14 MoUs signed.





Delegation of Nepalese Students on March 28, 2013



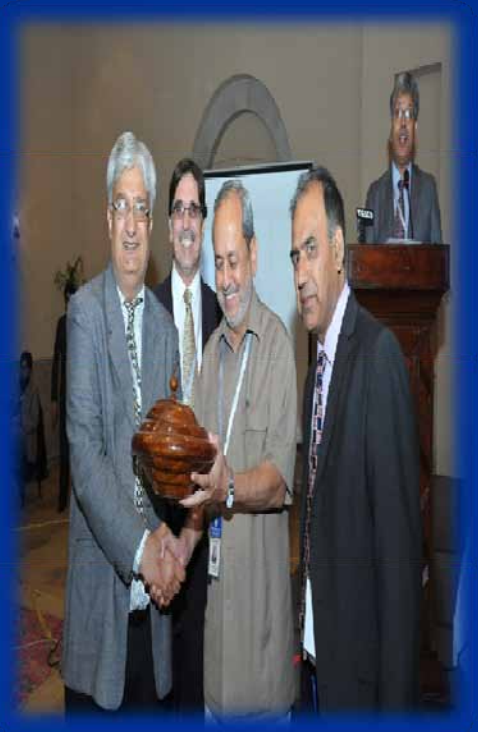
Tsinghua – CIIT Joint Workshop at Tsinghua University, Beijing, China, May 2012

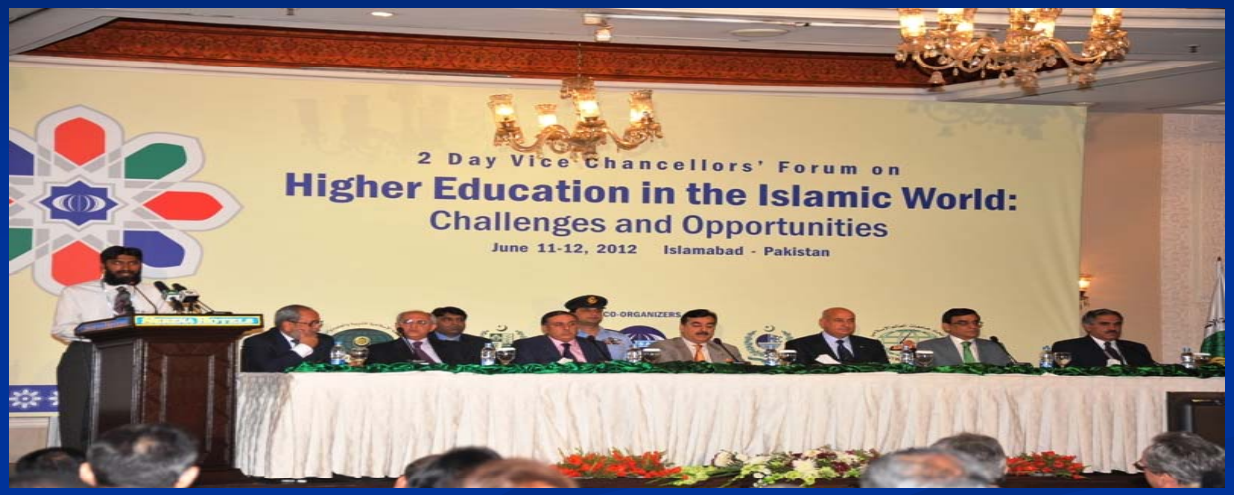




2-Day Vice Chancellors' Forum on Higher Education in the Islamic World: Challenges and Opportunities , June 11-12, 2012 Islamabad, Pakistan

- 55 Universities including 96 from Pakistan, and 59 from abroad from 36 different countries participated.
- 2 Plenary and 20 Invited Talks.







Exhibition of World renowned Architect "Oscar Niemeyer's work - December 2012





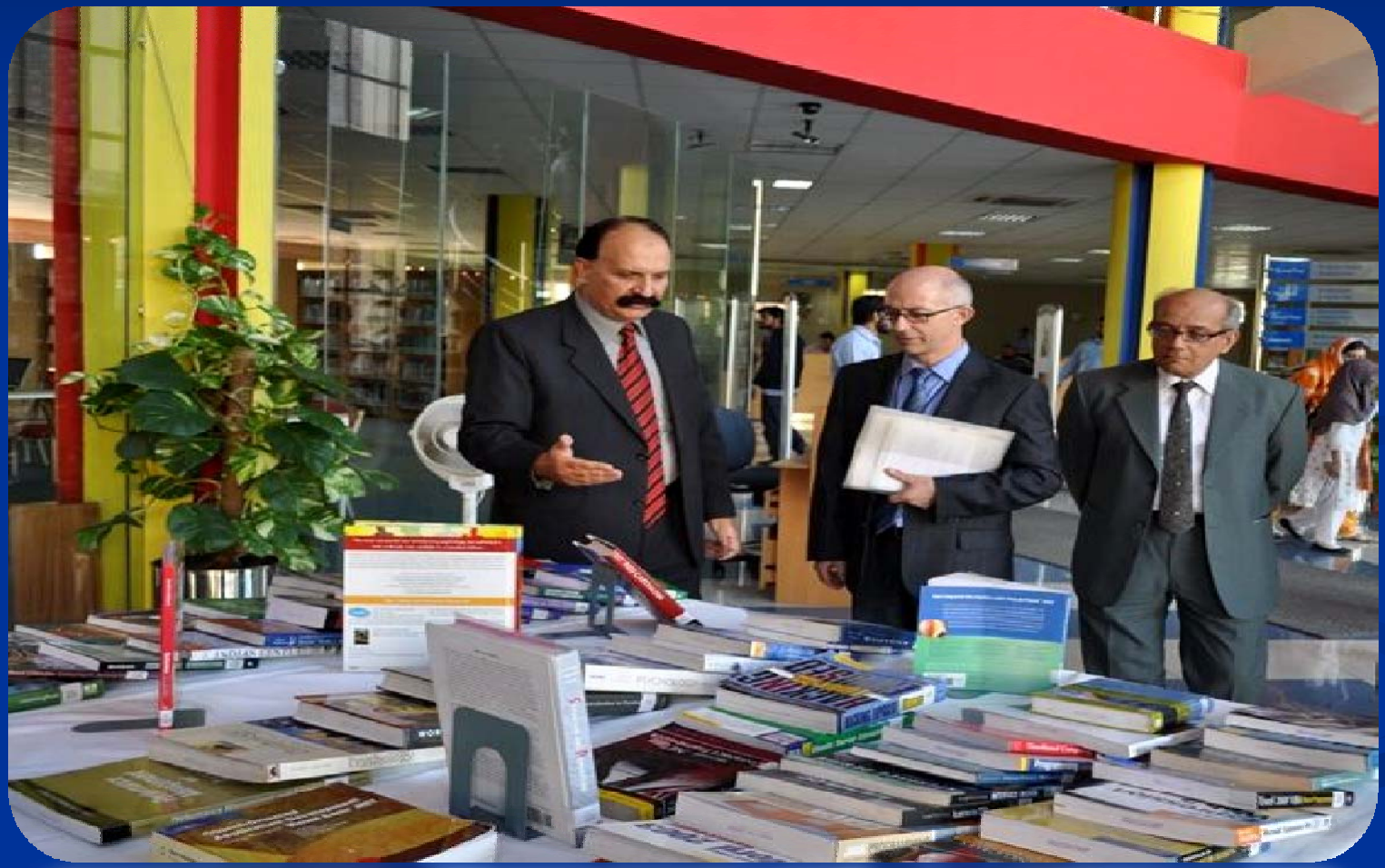
H.E Mr. Alfredo Leoni , Ambassador of Brazil in Islamabad, inaugurated the show on December, 19 2012 at COMSATS Art Gallery, CIIT, Islamabad.

Center for Climate Research and Development (CCRD) launched – April 2013





Educational Attache of Embassy of France Visits CIIT Library, Islamabad



Something to share….

Pakistani Prime Minister visited CIIT in October, 2011



British Prime Minister visits CIIT in April 2011 A unique occasion



THANK YOU



Academic Distribution

05 Faculties

- Information Science & Technology
- Engineering
- Business Administration
- Sciences
- Architecture & Design

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Academic Distribution

13 R & D Centers

- Center for Advanced Studies in Telecommunication (CAST)
- Center for Quantum Physics (CQP)
- Interdisciplinary Research Center in Biomedical Materials (IRCBM)
- Center for Professional Development (CPD)
- Engineering Resources Center (ERC)
- Community Development Center (CDC)
- COMSATS IT Center (CITC)
- Life Sciences Center (LiSCent)
- Environment Management Center (EMC)
- Center for Policy Studies (CPS)
- Business Incubation Center (BIC)
- China Study Center (CSC)
- Center for Climate Research and Development (CCRD)

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Academic Distribution

18 Departments

1. Computer Science
2. Electrical Engineering
3. Chemical Engineering
4. Mechanical Engineering
5. Civil Engineering
6. Management Sciences
7. Development Studies
8. Humanities
9. Mathematics
10. Physics
11. Bio-Sciences
12. Environmental Sciences
13. Earth Sciences
14. Meteorology
15. Chemistry
16. Pharmacy
17. Architecture
18. Statistics

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