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

<table>
<thead>
<tr>
<th>Milestones</th>
<th>2000</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campuses</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>Student Enrolment</td>
<td>277</td>
<td>22,860</td>
</tr>
<tr>
<td>Faculty Strength</td>
<td>15</td>
<td>2,241</td>
</tr>
<tr>
<td>Staff Strength</td>
<td>38</td>
<td>2,727</td>
</tr>
<tr>
<td>Academic Programs</td>
<td>3</td>
<td>73</td>
</tr>
<tr>
<td>Graduates</td>
<td>-</td>
<td>22,558</td>
</tr>
<tr>
<td>Operating Budget</td>
<td>Rs. 64 M</td>
<td>Rs. 4,055 M</td>
</tr>
<tr>
<td>Development Budget</td>
<td>Rs. 36 M</td>
<td>Rs. 1,376 M</td>
</tr>
</tbody>
</table>
Mission Statement

Teaching and Learning

Research and Discovery

Outreach and Public Service

Internationalization
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)
Male: 79%
Female: 21%
Intl. students: 21
Academic Degree Programs

03 in 2000  73 in 2013
Undergraduate: 36  Graduate: 37
PhD's: 64
MS: 1,467
Undergrads: 21,027

Graduates Produced: 22,558
(campus-wise)

Campuses

Islamabad: 7,564
Abbottabad: 5,164
Wah: 2,671
Lahore: 5,915
Attock: 525
Sahiwal: 603
Vehari: 86
64 PhD Graduates

- 30 Mathematics
- 05 Bio-sciences
- 19 Physics
- 04 Environmental Sciences
- 03 Computer Science
- 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%
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

**Completed**
- (27) worth Rs 2,334 M

**On-Going**
- (13) worth Rs 8,090 M
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
<table>
<thead>
<tr>
<th>#</th>
<th>CIIT Employee</th>
<th>Award</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. S. M. Junaid Zaidi</td>
<td>Sitara Imtiaz:Pakistan</td>
<td>2006</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Raheel Qamar</td>
<td>Tamgha-i-Imtiaz:Pakistan</td>
<td>2007</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Muhammad Aslam Noor</td>
<td>Pride of Performance</td>
<td>2008</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Saleem Asghar</td>
<td>Sitara Imtiaz:Pakistan</td>
<td>2008</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Khalida Inayat Noor</td>
<td>Pride of Performance</td>
<td>2010</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Qaisar Mehmood</td>
<td>Tamgha-i-Imtiaz:Pakistan</td>
<td>2011</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Syed Tauseef Mohyud Din</td>
<td>Pride of Performance</td>
<td>2011</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Arshad Saleem Bhatti</td>
<td>Tamgha-i-Imtiaz:Pakistan</td>
<td>2011</td>
</tr>
<tr>
<td>9</td>
<td>Dr. Haroon Rashid</td>
<td>Sitara Imtiaz:Pakistan</td>
<td>2012</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Jamshed Iqbal</td>
<td>Tamgha-i-Imtiaz:Pakistan</td>
<td>2012</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Sonia Zafar</td>
<td>Tamgha-i-Imtiaz:Pakistan</td>
<td>2012</td>
</tr>
</tbody>
</table>
International and National Linkages: 140

- Lancaster University, UK
- University of Illinois, Urbana Champaign, USA
- University of North Dakota, USA
- Graduate School of Chinese Academy of Sciences (GSCAS), Beijing
- Tsinghua University, China
- Peking University, China
- EPFL
- University of Malaya, Kuala Lumpur, Malaysia
- University of Technology, Petronas, Malaysia
- …
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:
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

Association of Common Wealth Universities (ACU)

Talloires Network

Youth Engagement Services (YES) Network Pakistan / British Council
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.
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
Academic Distribution

05 Faculties

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

Go Back
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)
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