



Ranking 2014
of
Pakistani Higher Education Institutions
(HEIs)

Objectives

- To create culture of competition among the HEIs within the country as well as at Global level.
- To improve the quality of education/standard of Pakistani Higher Education Institutions (HEIs) towards improved Quality & Research.

Introduction

For the development and progress any country, Quality of higher education is the key factor. HEIs are considered to be the originators of change in technology and culture of the nations.

In order to strengthen the quality of higher education in Pakistan, Higher Education Commission (HEC) has taken various initiatives to bring the HEIs of Pakistan at par with international standards. Ranking is one of the measures to scale the success of efforts of the HEIs to achieve the international competitiveness in education, research and innovation.

Ranking is helpful for students, parents for selection of Institution for their education, it is also helpful for organizations both public and private for better election of graduates according to their needs.

Rankings is a controversial subject all over the world, In spite of the difficulties associated in ranking, Higher Education Commission of Pakistan is the first one in the Islamic world that has done rankings thrice, 1st in 2006, 2nd in 2012 and 3rd in 2013; however the criteria over the period amended to respond to HEIs feedback and to make HEC's ranking more compatible with global rankings.

Methodology

Ranking Criteria for 2014 Ranking has been modified in the light of ground realities and feedback received from different HEIs about previous ranking criteria adopted. Mentioned below are the major points considered for Ranking 2014 which is the 4th Ranking of Pakistani HEIs:

- Ranking 2014 is based on the HEIs data for the year 2012-13.

- For category/group placement of HEI, enrolment should be => 50% in that specific discipline.
- In case of shared research papers among number of HEIs, it has been divided by the number of HEIs sharing that particular paper.
- Overall scores are normalized with the Maximum '100' marks.
- Distance Learning Institutions and HEIs established after 30th June 2009 are not included in this rankings.
- The HEIs are ranked as follows:
 - Overall Ranking
 - Category wise Ranking i.e.
 1. General
 2. Engineering & Technology
 3. Business Education
 4. Agriculture & Veterinary
 5. Medical
 6. Arts & Design
- Only HEC recognized HEIs are included in the Ranking 2014.
- Ranking lists along with scores up to only level-I will be available on HEC Web as per global ranking practices.

Ranking Criteria 2014 and Weighs

| S# | Components | Scores for year 2014 |
|-----|--|----------------------|
| (A) | Quality Assurance | 15 |
| (B) | Teaching Quality | 30 |
| (C) | Research | 41 |
| (D) | Finance & Facilities | 10 |
| (E) | Social Integration / Community Development | 4 |
| | Total Marks | 100 |

| S # | (A) Quality Assurance | Scores for year 2014 |
|------|--|----------------------|
| (A)1 | Adoption/Implementation of HEC eligibility criteria for appointments of faculty members | 4 |
| (A)2 | Adoption/Implementation of HEC criteria of M.Phil/MS Programs | 1 |
| (A)3 | Adoption/Implementation of HEC criteria of PhD programs | 1 |
| (A)4 | Adoption/Implementation of HEC plagiarism policy compliance | 2 |
| (A)5 | Rating of Quality Enhancement Cells (QECs) of the HEIs | 3 |
| (A)6 | Number of International awards won by students | 1 |
| (A)7 | Affiliation of programs with HEC recognized accreditation councils/bodies (Business, Agriculture, Computing, PMDC, Engineering-PEC, etc) | 2 |
| (A)8 | Ranking of HEIs in latest international rankings | 1 |
| | Sub Total | 15 |
| S# | (B)Teaching Quality | Scores for year 2014 |
| (B)1 | Ratio of full time faculty to total faculty | 3 |
| (B)2 | Ratio of Full time PhD faculty to full time total faculty | 7 |
| (B)3 | Full time teacher student ratio | 7 |
| (B)4 | Selectivity: enrollment ratio (fresh intake) to total applicants | 4 |
| (B)5 | Number of trainings of full time faculty members (3 years data) | 2 |
| (B)6 | Ratio of their faculty having terminal degrees from other institutions over total full time faculty members | 2 |
| (B)7 | Number of national awards won by full time faculty members per total full time faculty | 1 |
| (B)8 | Number of international awards won by full time faculty members per total full time faculty | 2 |
| (B)9 | Ratio of fresh PhD faculty over total fresh recruitment of faculty (03 years data) | 2 |
| | Sub Total | 30 |
| S # | (C.) Research | Scores for year 2014 |
| (C)1 | Number of registered Patents/Varieties/Technologies/Breeds and Creative Work at national level per full time faculty | 1 |
| (C)2 | Number of registered Patents/Varieties/Technologies/Breeds and Creative Work at international level per full time faculty | 1 |
| (C)3 | Commercialization of registered Patents/Varieties/Technologies/Breeds and Creative Work | 1 |
| (C)4 | Number of university industrial linkages through (ORICs) | 2 |
| (C)5 | Ratio of active PhD students to total active enrolled students | 3 |

| | | |
|------------|---|-----------------------------|
| (C)6 | Amount of external research grants won/obtained by HEIs (grant \geq 0.6 million) (<i>approved during 2012-13 year</i>) | 4 |
| (C)7 | Number of travel grants won for presentation of papers abroad per full time faculty (2012-13 Year data) | 2 |
| (C)8 | Total number of papers published in impact factor journals (ISI web of sciences) and HEC recognized journals (X & Y category journals) by the HEIs (2013) | 3 |
| (C)9 | Publications in ISI impact factor Journals[2013] per full time faculty | 6 |
| (C)10 | Citations per paper for total number of ISI impact factor papers (05 years) | 4 |
| (C)11 | University H Index | 2 |
| (C)12 | Number of W category Journals Published by the HEIs (Science and Social Science Journals) | 2 |
| (C)13 | Number of X category Journals Published by the HEIs (Science and Social Science Journals) | 1 |
| (C)14 | Internet bandwidth utilization | 1 |
| (C)15 | Digital Library utilization | 1 |
| (C)16 | Number of international conferences/symposia/workshop/seminar organized (at least 5 International participants traveling from abroad specifically for the conference) by the HEI. | 2 |
| (C)17 | Number of national professional conferences/symposia/workshop/seminar organized by the HEI. | 1 |
| (C)18 | Total PhD output during year 2013 | 2 |
| (C)19 | Total PhD output per full time faculty during year 2013 | 2 |
| | Sub Total | 41 |
| S # | (D) Finance & Facilities | Scores for year 2014 |
| (D)1 | Ratio non-salary expenditure to total budget | 2 |
| (D)2 | Amount generated through own resources | 2 |
| (D)3 | Amount spent on research/library as %age of the total budget | 2 |
| (D)4 | Computers per student | 1 |
| (D)5 | Computers per full time faculty | 1 |
| (D)6 | Number of books in library per student excluding e-library/digital library books | 1 |
| (D)7 | Number of Students receiving external scholarships per total number of students? | 1 |
| | Sub Total | 10 |

| S # | (E.) Social Integration/Community Development | Scores for year 2014 |
|------|---|----------------------|
| (E)1 | Number of community outreach programs, civil engagements and community services by the HEIs | 1 |
| (E)2 | Number of international collaboration/exchange program (outbound/inbound student & faculty (at least 15 days for faculty & one month for students)) | 1 |
| (E)3 | Number of enrolled foreign students per total number of students | 1 |
| (E)4 | Number of foreign faculty per total faculty | 1 |
| | Sub Total | 4 |
| | Grand Total | 100 |

Overall Ranking for HEIs 2014

| Rank | University Name | Normalized Score |
|------|---|------------------|
| 1 | Quaid-e-Azam University, Islamabad | 100.000 |
| 2 | University of Agriculture, Faisalabad | 98.448 |
| 3 | University of the Punjab, Lahore | 93.351 |
| 4 | COMSATS Institute of Information Technology, Islamabad | 87.773 |
| 5 | Aga Khan University | 82.690 |
| 6 | National University of Sciences & Technology (NUST), Islamabad | 82.118 |
| 7 | University of Karachi, Karachi | 78.146 |
| 8 | Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad | 77.835 |
| 9 | University of Veterinary & Animal Sciences, Lahore | 76.480 |
| 10 | University of Health Sciences, Lahore | 72.272 |

Category Wise Ranking 2014

General Category

| Rank | University Name | Normalized Score |
|------|------------------------------------|------------------|
| 1 | Quaid-e-Azam University, Islamabad | 100.000 |

| | | |
|-----------|---|--------|
| 2 | COMSATS Institute of Information Technology, Islamabad | 95.512 |
| 3 | University of the Punjab, Lahore | 91.273 |
| 4 | University of Karachi, Karachi | 74.297 |
| 5 | University of Peshawar, Peshawar | 69.613 |
| 6 | Iqra University, Karachi | 67.278 |
| 7 | Lahore University of Management Sciences (LUMS), Lahore | 66.574 |
| 8 | Bahauddin Zakariya University, Multan | 65.322 |
| 9 | Government College University, Faisalabad | 64.887 |
| 10 | Government College University, Lahore | 60.826 |
| 11 | University of Sargodha, Sargodha | 59.370 |
| 12 | Abdul Wali Khan University, Mardan | 59.151 |
| 13 | International Islamic University, Islamabad | 55.366 |
| 14 | The University of Faisalabad, Faisalabad | 54.974 |
| 15 | Bahria University, Islamabad | 53.218 |
| 16 | University of Azad Jammu & Kashmir, Muzaffarabad, AJK | 53.165 |
| 17 | University of Malakand, Chakdara, Dir, Malakand | 53.077 |
| 18 | Kohat University of Science and Technology, Kohat | 52.989 |
| 19 | University of Gujrat, Gujrat | 52.660 |
| 20 | National Textile University, Faisalabad | 52.370 |
| 21 | University of Science & Technology, Bannu | 52.035 |

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|-----------|---|--------|
| 22 | Pakistan Institute of Development Economics, Islamabad | 51.985 |
| 23 | University of Management & Technology, Lahore | 51.745 |
| 24 | Karachi Institute of Economics & Technology, Karachi | 51.675 |
| 25 | Abasyn University, Peshawar | 51.566 |
| 26 | Qurtaba University of Science and Information Technology, D.I. Khan | 51.173 |
| 27 | University of Sindh | 50.856 |
| 28 | Lahore College for Women University, Lahore | 50.533 |
| 29 | National University of Modern Languages, Islamabad | 50.363 |
| 30 | Fatima Jinnah Women University, Rawalpindi | 49.980 |
| 31 | DHA Suffa University, Karachi | 49.619 |
| 32 | National Defence University, Islamabad | 49.382 |
| 33 | Hazara University, Dodhial, Mansehra | 48.841 |
| 34 | Federal Urdu University of Arts, Science and Technology, Islamabad | 47.692 |
| 35 | Islamia College University, Peshawar | 47.661 |
| 36 | University of Balochistan, Quetta | 47.460 |
| 37 | Preston University, Karachi | 47.290 |
| 38 | Gomal University, D.I. Khan | 46.362 |
| 39 | University of Lahore, Lahore | 45.871 |
| 40 | Mirpur University of Science & Technology, AJK | 45.319 |
| 41 | Shah Abdul Latif University, Khairpur | 45.203 |

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|----|--|--------|
| 42 | City University of Science and Information Technology, Peshawar | 44.664 |
| 43 | Shaheed Benazir Bhutto Women University, Peshawar | 44.473 |
| 44 | Minhaj University, Lahore | 43.539 |
| 45 | Hajvery University, Lahore | 43.404 |
| 46 | Jinnah University for Women, Karachi | 43.266 |
| 47 | Newports Institute of Communications and Economics, Karachi | 42.952 |
| 48 | Foundation University, Islamabad | 42.944 |
| 49 | Mohammad Ali Jinnah University, Karachi. | 42.898 |
| 50 | Forman Christian College, Lahore (University Status) | 42.677 |
| 51 | The Islamia University of Bahawalpur, Bahawalpur | 42.309 |
| 52 | Kinnaird College for Women, Lahore | 41.850 |
| 53 | National College of Business Administration & Economics, Lahore | 41.657 |
| 54 | Indus University, Karachi | 40.299 |
| 55 | University of Education, Lahore | 40.106 |
| 56 | Karakoram International University, Gilgit | 39.485 |
| 57 | National University of Computer and Emerging Sciences,(FAST), Islamabad | 37.956 |
| 58 | Beaconhouse National University, Lahore | 37.762 |
| 59 | Northern University, Nowshera | 31.176 |
| 60 | Imperial College of Business Studies, Lahore | 30.862 |
| 61 | Sardar Bahadur Khan Women University, Quetta | 30.640 |

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|----|---|--------|
| 62 | Hamdard University, Karachi | 30.269 |
| 63 | Mohi-ud-Din Islamic University, AJK | 27.578 |
| 64 | University of South Asia, Lahore | 27.416 |
| 65 | Al-Khair University, Azad Jammu & Kashmir | 25.867 |
| 66 | Al-Hamd Islamic University, Quetta | 22.000 |
| 67 | Preston University, Kohat | 21.803 |

Engineering Category

| Rank | University Name | Normalized Score |
|------|---|------------------|
| 1 | National University of Sciences & Technology (NUST), Islamabad | 100.000 |
| 2 | Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad | 99.938 |
| 3 | University of Engineering & Technology, Lahore | 74.251 |
| 4 | Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi | 73.959 |
| 5 | University of Engineering. & Technology, Peshawar | 69.542 |
| 6 | Institute of Space Technology, Islamabad | 69.459 |
| 7 | Air University, Islamabad | 59.560 |
| 8 | Mehran University of Engineering & Technology, Jamshoro | 57.427 |
| 9 | NED University of Engineering & Technology, Karachi | 54.611 |
| 10 | University of Engineering and Technology Taxila | 51.391 |
| 11 | Quaid-e-Awam University of Engineering, Sciences & Technology, Nawabshah | 45.871 |

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|----|---|--------|
| 12 | Balochistan University of Information Technology, Engineering and management Sciences, Quetta | 44.945 |
| 13 | Dawood University of Engineering & Technology, Karachi | 43.150 |
| 14 | Sir Syed University of Engineering. & Technology, Karachi | 41.156 |
| 15 | Balochistan University of Engineering & Technology, Khuzdar | 40.390 |
| 16 | Sarhad University of Science and Information Technology, Peshawar | 40.221 |
| 17 | CECOS University of Information Technology and Emerging Sciences, Peshawar | 39.550 |

Business Category

| Rank | University Name | Normalized Score |
|------|--|------------------|
| 1 | Institute of Business Administration (IBA), Karachi | 100.000 |
| 2 | Lahore School of Economics, Lahore | 95.826 |
| 3 | Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST), Karachi | 87.999 |
| 4 | Sukkur Institute of Business Administration, Sukkur | 81.292 |
| 5 | Institute of Management Science, Peshawar (IMS) | 79.857 |
| 6 | Institute of Business Management, Karachi | 78.060 |
| 7 | University of Central Punjab, Lahore | 73.403 |
| 8 | The Superior College, Lahore | 67.866 |
| 9 | Institute of Business & Technology, Karachi | 60.990 |
| 10 | Greenwich University, Karachi | 59.672 |
| 11 | The GIFT University, Gujranwala | 52.009 |
| 12 | Dadabhoj Institute of Higher Education, Karachi | 35.414 |
| 13 | Textile Institute of Pakistan, Karachi | 33.667 |
| 14 | KASB (Khadim Ali Shah Bukhari) Institute of Technology, Karachi | 24.975 |
| 15 | Institute of Management Sciences, Lahore | 23.778 |

Agriculture & Veterinary Sciences Category

| Rank | University Name | Normalized Score |
|------|---|------------------|
| 1 | University of Agriculture, Faisalabad | 100.000 |
| 2 | University of Veterinary & Animal Sciences, Lahore | 78.668 |
| 3 | PMAS Arid Agriculture University Rawalpindi | 64.355 |
| 4 | The University of Agricultural, Peshawar | 59.061 |
| 5 | Sindh Agriculture University, Tando Jam | 49.617 |
| 6 | Lasbela University of Agriculture, Water and Marine Sciences, Lasbela | 27.619 |

Medical Category

| Rank | University Name | Normalized Score |
|------|---|------------------|
| 1 | Aga Khan University | 100.000 |
| 2 | University of Health Sciences, Lahore | 87.623 |
| 3 | Dow University of Health Sciences, Karachi | 64.553 |
| 4 | Khyber Medical University, Peshawar | 63.321 |
| 5 | Riphah International University, Islamabad | 60.468 |
| 6 | Isra University, Hyderabad | 57.025 |
| 7 | King Edward Medical University, Lahore | 55.072 |
| 8 | Liaquat University of Medical and Health Sciences, Jamshoro | 53.609 |
| 9 | Ziauddin University, Karachi | 53.443 |
| 10 | Gandhara University, Peshawar | 51.963 |
| 11 | Shaheed Mohtarma Benazir Bhutto Medical University, Larkana | 34.930 |

| | | |
|----|--|--------|
| 12 | Baqai Medical University | 32.311 |
| 13 | Sindh Institute of Medical Sciences, Karachi | 29.249 |

Arts Category

| Rank | University Name | Normalized Score |
|------|--|------------------|
| 1 | National College of Arts, Lahore (NCA) | 100.00 |
| 2 | Indus Valley School of Art and Architecture, Karachi | 94.62 |

HEIs Not Included in the Ranking

Higher Education Institutions not included in Ranking 2014 which are established after 30th June 2009, the distance learning institutions like AIOU & Virtual University and HEIs provided incomplete data are excluded from the ranking lists. These are enlisted below:

| S # | Higher Education Institutions | |
|---|--|------------|
| Distance Learning Institutions | | |
| 1 | Allama Iqbal Open University. | |
| 2 | Virtual University. | |
| Incomplete Data | | |
| 3 | Preston Institute of Management Science and Technology , Karachi | |
| Not Applicable for Ranking | | |
| 4 | Pakistan Military Academy - Abbottabad (PMA) | |
| 5 | Pakistan Naval Academy – Karachi | |
| Universities given Charter after 30th June 2009 | | |
| 6 | Ali Institute of Education, Lahore | 15/02/2010 |
| 7 | Bacha Khan University, Charsadda | 03/07/2012 |
| 8 | Benazir Bhutto Shaheed University Lyari, Karachi | 28/01/2010 |
| 9 | COMMECS Institute of Business and Emerging Sciences, Karachi | 18/02/2010 |
| 10 | Global Institute, Lahore | 12/01/2011 |
| 11 | Government College for Women University, Faisalabad | 05/01/2013 |
| 12 | Habib University Karachi | 01/10/2012 |

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|----|--|----------------|
| 13 | HITECH University, Taxila | 17/11/2009 |
| 14 | Institute of Southern Punjab, Multan | 02/08/2010 |
| 15 | Iqra National University, Peshawar | 04/23/2011 |
| 16 | Jinnah Sindh Medical University, Karachi | 21/03/2013 |
| 17 | Karachi School for Business & Leadership, Karachi | 11/03/2013 |
| 18 | Khushal Khan Khattak University, Karak | New University |
| 19 | Lahore Leads University, Lahore | 22/01/2011 |
| 20 | NFC Institute of Engineering & Technology, Multan | 08/05/2012 |
| 21 | Pakistan Institute of Fashion and Design, Lahore | 04/05/2011 |
| 22 | Peoples University of Medical and Health Sciences for Women, Nawabshah (Shaheed Benazirabad) | 21/12/2009 |
| 23 | Qarshi University | 02/05/2011 |
| 24 | Shaheed Benazir Bhutto City University, Karachi | 19/03/2013 |
| 25 | Shaheed Benazir Bhutto Dewan University, Karachi | 01/03/2013 |
| 26 | Shaheed Benazir Bhutto University, Shaheed Benzairabad | 12/11/2010 |
| 27 | Shaheed Benazir Bhutto University, Sheringal, Dir | 06/10/2009 |
| 28 | Shaheed Zulfikar Ali Bhutto Medical University, Islamabad | 21/03/2013 |
| 29 | Shifa Tameer-e-Millat University Islamabad | 06/03/2012 |
| 30 | Sindh Madressatul Islam University, Karachi | 22/12/2011 |
| 31 | The Women University, Multan | 02/08/2010 |
| 32 | University of FATA, Kohat | 22/05/2013 |
| 33 | University of Haripur, Haripur | 9/20/2012 |
| 34 | University of Management Sciences and Information Technology, Kotli | 02/01/2014 |
| 35 | University of Poonch, Rawalakot | 25/03/2014 |
| 36 | University of Swabi, Swabi | 5/17/2012 |
| 37 | University of Swat, Swat | 07/07/2010 |
| 38 | University of Turbat, Turbat | New University |
| 39 | University of Wah, Wah Cantt | 08/07/2009 |
| 40 | Women University of Azad Jammu and Kashmir, Bagh | 25/03/2014 |
| 41 | Nazeer Hussain University, Karachi | |
| 42 | Nur International University, Lahore | New University |

| | | |
|-----------|--|----------------|
| 43 | Gambat Institute of Medical Sciences, Khairpur | New University |
| 44 | Lahore Garrison University, Lahore | New University |
| 45 | Shaheed Zulfiqar Ali Bhutto University of Law, Karach | New University |
| 46 | Muhammad Nawaz Shareef University of Agriculture, Multan | New University |
| 47 | Ghazi University, Dera Ghazi Khan | New University |
| 48 | Government College Women University, Sialkot | New University |

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