



**5<sup>th</sup> Ranking**  
**of**  
**Pakistani Higher Education Institutions**  
**(HEIs)**  
**2015**

**Announced: 23.2.2016**

## **Objective**

To create culture of competition among the Higher Education Institutions (HEIs). Encourage HEIs to compete at international level, improve quality/standards of education and use as tool for HEIs self-assessment of their performance for improvement.

## **Introduction**

Ranking provide complete picture to stakeholders like researchers, students, business community, parents, industry etc. to compare institutions according to different parameters of their need, such as Quality & Research etc. For the development and progress of any country, quality of higher education is the key factor. HEIs are considered to be the originators of change and progress 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.

Rankings is a debatable subject all over the world, In spite of the difficulties associated in ranking. This is the 5<sup>th</sup> ranking of Pakistani Universities being announced by Higher Education Commission of Pakistan. Last four rankings for the year were announced in 2006, 2012, 2013 and 2015.

## **Methodology**

The methodologies for ranking got improved over the period of time in the light of feedback received from HEIs and making HEC's ranking more compatible with global rankings. There is no change in the ranking criteria for the current year (2015) and criteria is the same which was used for ranking 2014. Mentioned below are the major points considered for Ranking 2015 which is the 5<sup>th</sup> Ranking of Pakistani HEIs:

- Ranking 2015 is based on the HEIs data for the year 2013-14 and research output, Ph.D produced during year 2014.
- For category/group placement of HEI, enrolment should be equal or more than 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 30<sup>th</sup> June 2010 are not included in this rankings.
- Independent ranking is being done for the following Categories (groups)
  1. Overall Top 10 HEIs of Country
  2. General
  3. Engineering & Technology
  4. Business Education
  5. Agriculture & Veterinary
  6. Medical
  7. Arts & Design

## Ranking Criteria and their Scores

S#	Components	Scores for year 2015
(A)	Quality Assurance	15
(B)	Teaching Quality	30
(C)	Research	41
(D)	Finance & Facilities	10
(E)	Social Integration / Community Development	4
	<b>Total Marks</b>	<b>100</b>

S #	(A) Quality Assurance	Scores for year 2015
(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

<b>(A)7</b>	Affiliation of programs with HEC recognized accreditation councils/bodies (Business, Agriculture, Computing, PMDC, Engineering-PEC, etc)	2
<b>(A)8</b>	Ranking of HEIs in latest international rankings	1
	<b>Sub Total</b>	<b>15</b>
<b>S#</b>	<b>(B)Teaching Quality</b>	<b>Scores for year 2015</b>
<b>(B)1</b>	Ratio of full time faculty to total faculty	3
<b>(B)2</b>	Ratio of Full time PhD faculty to full time total faculty	7
<b>(B)3</b>	Full time teacher student ratio	7
<b>(B)4</b>	Selectivity: enrollment ratio (fresh intake) to total applicants	4
<b>(B)5</b>	Number of trainings of full time faculty members (3 years data)	2
<b>(B)6</b>	Ratio of their faculty having terminal degrees from other institutions over total full time faculty members	2
<b>(B)7</b>	Number of national awards won by full time faculty members per total full time faculty	1
<b>(B)8</b>	Number of international awards won by full time faculty members per total full time faculty	2
<b>(B)9</b>	Ratio of fresh PhD faculty over total fresh recruitment of faculty (03 years data)	2
	Sub Total	30
<b>S #</b>	<b>(C.) Research</b>	<b>Scores for year 2015</b>
<b>(C)1</b>	Number of registered Patents/Varieties/Technologies/Breeds and Creative Work at national level per full time faculty	1
<b>(C)2</b>	Number of registered Patents/Varieties/Technologies/Breeds and Creative Work at international level per full time faculty	1
<b>(C)3</b>	Commercialization of registered Patents/Varieties/Technologies/Breeds and Creative Work	1
<b>(C)4</b>	Number of university industrial linkages through (ORICs)	2
<b>(C)5</b>	Ratio of active PhD students to total active enrolled students	3
<b>(C)6</b>	Amount of external research grants won/obtained by HEIs (grant $\geq$ 0.6 million) (approved during 2013-14 year)	4
<b>(C)7</b>	Number of travel grants won for presentation of papers abroad per full time faculty (2013-14 Year data)	2
<b>(C)8</b>	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
<b>(C)9</b>	Publications in ISI impact factor Journals[2014] per full time faculty	6
<b>(C)10</b>	Citations per paper for total number of ISI impact factor papers (05 years)	4
<b>(C)11</b>	University H Index	2
<b>(C)12</b>	Number of W category Journals Published by the HEIs (Science and Social Science Journals)	2

<b>(C)13</b>	Number of X category Journals Published by the HEIs (Science and Social Science Journals)	1
<b>(C)14</b>	Internet bandwidth utilization	1
<b>(C)15</b>	Digital Library utilization	1
<b>(C)16</b>	Number of international conferences/symposia/workshop/seminar organized (at least 5 International participants traveling from abroad specifically for the conference) by the HEI.	2
<b>(C)17</b>	Number of national professional conferences/symposia/workshop/seminar organized by the HEI.	1
<b>(C)18</b>	Total PhD output during year 2014	2
<b>(C)19</b>	Total PhD output per full time faculty during year 2014	2
	Sub Total	41
<b>S #</b>	<b>(D) Finance &amp; Facilities</b>	<b>Scores for year 2015</b>
<b>(D)1</b>	Ratio non-salary expenditure to total budget	2
<b>(D)2</b>	Amount generated through own resources	2
<b>(D)3</b>	Amount spent on research/library as %age of the total budget	2
<b>(D)4</b>	Computers per student	1
<b>(D)5</b>	Computers per full time faculty	1
<b>(D)6</b>	Number of books in library per student excluding e-library/digital library books	1
<b>(D)7</b>	Number of Students receiving external scholarships per total number of students?	1
	Sub Total	10
<b>S #</b>	<b>(E.) Social Integration/Community Development</b>	<b>Scores for year 2015</b>
<b>(E)1</b>	Number of community outreach programs, civil engagements and community services by the HEIs	1
<b>(E)2</b>	Number of international collaboration/exchange program (outbound/inbound student & faculty (at least 15 days for faculty & one month for students))	1
<b>(E)3</b>	Number of enrolled foreign students per total number of students	1
<b>(E)4</b>	Number of foreign faculty per total faculty	1
	Sub Total	4
	<b>Grand Total</b>	<b>100</b>

## Ranking 2015

### Overall Top 10 Higher Education Institutions

Rank	University Name	Relative Score
1	Quaid-e-Azam University, Islamabad	100.00
2	University of the Punjab, Lahore	83.28
3	National University of Science & Technology (NUST),	80.27
4	University of Agriculture, Faisalabad	78.72
5	Aga Khan University	77.28
6	COMSATS Institute of Information Technology,	76.51
7	Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad	74.88
8	University of Karachi	70.09
9	University of Health Sciences, Lahore	68.00
10	University of Veterinary & Animal Sciences, Lahore	66.78

### Agriculture Category of Higher Education Institutions

Rank	University Name	Relative Score
1	University of Agriculture, Faisalabad	100.00
2	University of Veterinary & Animal Sciences, Lahore	83.68
3	University of Agriculture, Peshawar	62.85
4	Sindh Agriculture University, Tandojam.	46.90
5	Lasbela University of Agriculture, Water and Marine Sciences	42.65

## Business Category of Higher Education Institutions

Rank	University Name	Relative Score
1	Iqra University, Karachi	100.00
2	Lahore School of Economics, Lahore	98.70
3	Institute of Business Administration (IBA) Karachi	96.00
4	Institute of Management Science, Peshawar (IMS)	80.32
5	Sukkur Institute of Business Administration, Sukkur	75.82
6	SZABIST	75.70
7	The Superior College, Lahore	74.30
8	Institute of Business Management, Karachi	72.91
9	University of Central Punjab, Lahore	67.34
10	Greenwich University, Karachi	58.75
11	The GIFT University, Gujranwala	54.66
12	COMMECS Institute of Business and Emerging Sciences, Karachi	41.79
13	Dadabhoy Institute of Higher Education, Karachi	37.54
14	Institute of Management Sciences, Lahore	25.39
15	KASB (Khadim Ali Shah Bukhari) Institute of Technology, Karachi	22.16

## Arts Category of Higher Education Institutions

Rank	University Name	Relative Score
1	National College of Arts, Lahore (NCA)	100.00
2	Indus Valley School of Art and Architecture, Karachi	82.53

## Medical Category of Higher Education Institutions

Rank	University Name	Relative Score
1	Aga Khan University	100.00
2	University of Health Sciences, Lahore	83.54
3	Dow University of Health Sciences, Karachi	64.53
4	Khyber Medical University, Peshawar	61.62
5	Isra University, Hyderabad	57.28
6	King Edward Medical University, Lahore	53.62
7	Ziauddin Medical University	51.99
8	Liaquat University of Medical and Health Sciences, Jamshoro	50.56
9	Gandhara University, Peshawar	43.64
10	Baqai Medical University	41.58
11	Shaheed Mohtarma Benzair Bhutto Medical University, Larkana	37.03
12	Sindh Institute of Medical Sciences, Karachi	36.45
13	Peoples University of Medical & Health Sciences for Women (Nawabshah)	32.25

## Engineering Category of Higher Education Institutions

Rank	University Name	Relative Score
1	National University of Science & Technology (NUST), Islamabad	100.00
2	Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad	96.67
3	Ghulam Ishaq Khan Institute of Engineering Sciences & Technology, Topi	75.34
4	Institute of Space Technology, Islamabad	72.46
5	University of Engineering & Technology, Lahore	63.97
6	Mehran University of Eng. & Technology, Jamshoro	58.88
7	University of Engineering. & Technology, Peshawar	57.74



Rank	University Name	Relative Score
8	Air University, Islamabad	57.22
9	University of Engineering and Technology Taxila	55.32
10	National Textile University, Faisalabad	51.09
11	NED University of Engineering & Technology, Karachi	51.06
12	BUITMS, Quetta	48.60
13	Quaid-e-Awam University of Engineering, Science & Technology,	45.78
14	Sarhad University of Science and Information Technology , Peshawar	45.08
15	Hitec University, Taxila	45.01
16	CECOS University of Information Technology & Emerging Sciences , Peshawar	43.96
17	Balochistan University of Engineering & Technology, Khuzdar	43.91
18	Indus University, Karachi	43.39
19	Dawood University of Engineering & Technology, Karachi	42.48
20	Sir Syed University of Engg. & Technology, Karachi	37.07
21	Textile Institute of Pakistan, Karachi	23.40

### **General Category of Higher Education Institutions**

Rank	University Name	Relative Score
1	Quaid-e-Azam University, Islamabad	100.000
2	University of the Punjab, Lahore	85.014
3	COMSATS Institute of Information Technology, Islamabad	79.480
4	University of Karachi	71.424
5	PMAS Arid Agriculture University, Rawalpindi	63.539
6	Lahore University of Management Sciences (LUMS), Lahore	60.694
7	Government College University, Faisalabad	60.348
8	University of Peshawar, Peshawar	59.662

Rank	University Name	Relative Score
9	Bahauddin Zakariya University, Multan	59.350
10	Pakistan Institute of Development Economics, Islamabad	58.878
11	Islamia University of Bahawalpur	57.836
12	Riphah International University, Islamabad	55.519
13	International Islamic University, Islamabad	55.390
14	Government College University, Lahore	54.293
15	University of Science & Technology, Bannu	53.802
16	The University of Faisalabad, Faisalabad	52.694
17	Abdul Wali Khan University, Mardan	52.362
18	University of Sargodha, Sargodha	52.361
19	University of Malakand, Chakdara, Dir, Malakand	52.284
20	Forman Christian College, Lahore (University status)	50.853
21	National University of Computer and Emerging Sciences (FAST), Isb.	50.534
22	University of Azad Jammu & Kashmir , Muzaffarabad	50.117
23	Bahria University, Islamabad	50.054
24	University of Gujrat, Gujrat	49.620
25	Kohat University of Science and Technology, Kohat	49.607
26	Gomal University, D.I. Khan	49.570
27	Lahore College for Women University, Lahore	49.506
28	Hazara University, Dodhial, Mansehra	48.195
29	University of Lahore, Lahore	47.970
30	DHA Suffa University	47.887
31	National University of Modern Languages, Islamabad	47.517
32	University of Sindh	47.448
33	National Defence University, Islamabad	47.344
35	Islamia College University, Peshawar	46.645
36	University of Management & Technology, Lahore	46.083

Rank	University Name	Relative Score
37	University of Balochistan, Quetta	45.804
38	Federal Urdu University of Arts, Science and Technology, Karachi	45.688
39	Fatima Jinnah Women University, Rawalpindi	45.494
40	City University of Science and Information Tech., Peshawar	44.955
41	Qurtaba University of Science and Information Technology, D.I. Khan	43.595
42	Shah Abdul Latif University, Khairpur	43.582
43	Karachi Institute of Economics & Technology, Karachi	43.006
44	Minhaj University, Lahore	41.443
45	Foundation University, Islamabad	41.173
46	Shaheed Benazir Bhutto Women University Peshawar	41.126
47	Abasyn University, Peshawar	39.563
48	Beaconhouse National University, Lahore	39.388
49	Shaheed Benazir Bhutto University, Sheringal, Dir	39.190
50	University of Education, Lahore	39.136
51	Hajvery University, Lahore	38.596
52	Institute of Business & Technology (BIZTEK), Karachi	38.487
53	Kinnaird College for Women, Lahore	37.756
54	Karakoram International University Gilgit Baltistan	37.745
55	Jinnah University for Women Karachi	36.774
56	Preston University, Kohat	36.488
57	National College of Business Administration & Economics, Lahore	35.747
58	Ali Institute of Education, Lahore	35.052
59	University of Wah, Wah Cantt	34.872
60	Mohi-ud-Din Islamic University, Azad Jammu & Kashmir	33.558
61	Sardar Bahadur Khan Women University, Quetta	33.503
62	Newports Institute of Communication & Economics, Karachi	32.749
63	Imperial College of Business Studies, Lahore	31.723

Rank	University Name	Relative Score
64	Mirpur University of Science & Technology, AJK	30.427
65	Hamdard University	29.316
66	Northern University, Nowshera	29.051
67	Al-Khair University, Azad Jammu & Kashmir	28.817
68	Benazir Bhutto Shaheed University, Lyari	25.305
69	University of South Asia, Lahore	24.667
70	Preston University Karachi	22.201
71	Al-Hamd Islamic University, Quetta	21.469
72	Preston Institute of Management Sciences and Tech. Karachi	19.447
73	The Nazeer Hussain University, Karachi	2.436

### **HEIs Not Included in the Ranking**

Higher Education Institutions not included in Ranking 2015 which are established after 30<sup>th</sup> June 2010, the distance learning institutions like AIOU & Virtual University and HEIs provided incomplete data are excluded from the ranking lists. These are enlisted below:

<b>Distance Learning Institutions</b>		
1	Allama Iqbal Open University.	
2	Virtual University.	
<b>Not Applicable for Ranking</b>		
4	Pakistan Military Academy - Abbottabad (PMA)	
5	Pakistan Naval Academy – Karachi	
<b>Universities given Charter after 30<sup>th</sup> June 2010</b>		
1	Bacha Khan University, Charsadda	
2	Gambat Institute of Medical Sciences, Khairpur	
3	Ghazi University, Dera Ghazi Khan	
4	Global Institute, Lahore	
5	Government College for Women University, Faisalabad	
6	Government College Women University, Sialkot	
7	Government Sadiq College Women University, Bahawalpur	
8	Habib University Karachi	
9	Information Technology University of the Punjab, Lahore	
10	Institute of Southern Punjab, Multan	
11	Iqra National University, Peshawar	
12	Jinnah Sindh Medical University, Karachi	
13	Karachi School for Business & Leadership	
14	Khawaja Fareed University of Engineering & Information Technology, Rahim Yar Khan	

<b>15</b>	Khushal Khan Khattak University, Karak	
<b>16</b>	Lahore Garrison University, Lahore	
<b>17</b>	Lahore Leads University, Lahore	
<b>18</b>	Muhammad Nawaz Shareef University of Agriculture, Multan	
<b>19</b>	NFC Institute of Engineering & Technology, Multan	
<b>20</b>	Nur International University, Lahore.	
<b>21</b>	Pakistan Institute of Fashion and Design, Lahore	
<b>22</b>	Qarshi University	
<b>23</b>	Shaheed Benazir Bhutto City University, Karachi	
<b>24</b>	Shaheed Benazir Bhutto Dewan University, Karachi	
<b>25</b>	Shaheed Benazir Bhutto University, Shaheed Benzairabad	
<b>26</b>	Shaheed Zulfikar Ali Bhutto Medical University, Islamabad	
<b>27</b>	Shaheed Zulfiqar Ali Bhutto University of Law, Karachi	
<b>28</b>	Shifa Tameer-e-Millat University Islamabad	
<b>29</b>	Sindh Madressatul Islam University	
<b>30</b>	The Women University, Multan	
<b>31</b>	University of Haripur, Haripur	
<b>32</b>	University of Management Sciences & Technolgy Kotli	
<b>33</b>	University of Poonch, Rawalakot	
<b>34</b>	University of Swabi	
<b>35</b>	University of Swat, Swat	
<b>36</b>	University of Turbat	
<b>37</b>	Women University of AJK Bagh	

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