

Rankings for Scientist

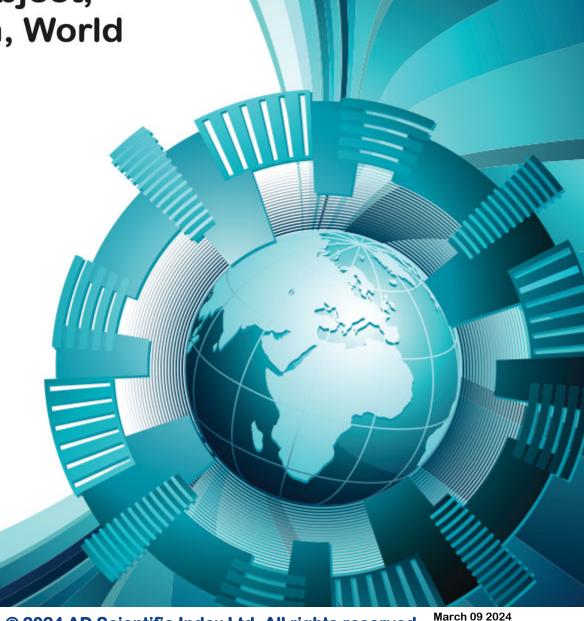
University, Subject, Country, Region, World

**Pakistan** 

**Top 20000 Scientists** 

**AD Scientific Index 2024** 





# Pakistan Top 20000 Scientists "AD Scientific Index 2024" World Scientist and University Rankings 2024

(Total 1.446.044 scientist, 219 country, 23.201 university)

The h-index is calculated based on the number of times an article has been cited at least h times. In order to have a high h-index, an academic must have published a high number of articles and received a high number of citations. For example, an h-index value of 15 indicates that the academic has received at least 15 citations for each of the 15 articles published. To increase the h-index value from 15 to 16, the same academic would need to receive at least 16 citations for the 16 papers published. Several databases can be used to find the h-index value, including Google Scholar, Web of Science, Scopus and Publons, some of which are public and some of which require a subscription. These databases use different parameters to calculate hindexes, including SCI-E or indexed journals, or non-indexed ancillary elements such as other journals, books or patents. Because the set of parameters used by each database is different from those used by others, each database may calculate different h-index values. Therefore, the h-indexes calculated by Google Scholar, Web of Science, Scopus and Publons may be different for the same researcher. For example, a researcher who has written more books than scientific papers may have a low h-index in the Web of Science despite having a high number of citations. Neither index is equivalent to the other because of their different scopes. Having a large number of publications indicates that the researcher is productive, but data alone may not be the true indicator of the researcher's success. For example, a researcher may have 10 publications that have received 400 citations. We can argue that this researcher is more successful than a researcher who has more than a hundred published papers that have received, let's say, 200 citations. Moreover, some valuable studies may not have been given the value they deserve for various reasons, such as the failure to use appropriate methods that would allow easy access through scientific channels. The high number of papers cited by other authors shows the value and extent of the contribution to the scientific literature.

**The i10 index** is another academic scoring system where the scores are calculated by Google Scholar. In this scoring system, only scientific studies such as articles and books that have received 10 or more citations are taken into account. The number of studies cited ten or more times gives the i10 index value. The i10 index and h-index values calculated for the last six years do not indicate that the article was written and published in the last six years. Instead, these values show the citation power over the last 6 years, which indicates whether the paper is still effective.

Google Scholar provides both the total i10 index, h-index and citation counts as well as the values for the last 6 years through a voluntary system. In this system, researchers create their accounts, select their papers and upload the selected papers to the system. This service does not require a password and is free of charge. Here we present a newly developed index that we have developed based on the public Google Scholar profiles of scientists. We have named this new system "AD Scientific Index", which we have developed through a robust intellectual infrastructure and maximum efforts aimed at contributing to global scientific efforts.

# "AD Scientific Index" (Alper-Doger Scientific Index):

This new index has been developed by **Prof. Dr. Murat ALPER** (MD) and **Associate Prof. Dr. Cihan DÖĞER** (MD) by using the **total** and the **last 6 years**' values of the **i10 index**, the **h-index** and the **citation** scores in Google Scholar. In addition, the **ratio of the last 6 years' value to the total value** of the above indices is used. Using a total of nine parameters, the "AD Scientific Index" shows the ranking of an individual scientist in 12 subject areas (Agriculture & Forestry, Arts, Design & Architecture, Business & Management, Economics & Econometrics, Education, Engineering & Technology, History, Philosophy, Theology, Law / Legal Studies, Medicine & Health Sciences, Natural Sciences, Physical Sciences), Medical and Health Sciences, Natural Sciences, Social Sciences, and Others), 256 branches, 23.201 employing institutions, 219 countries, 10 regions (Africa, Asia, Europe, North America, Oceania, Arab League, EECA, BRICS, Latin America, and COMESA), and the world. This allows researchers to see their academic rankings and follow the evolution of their rankings over time.

# Why is the "AD Scientific Index" needed? How is it different from other rankings?

The "AD Scientific Index" is the first and only study that shows the **total** and **six-year** productivity coefficients of scientists based on **h-index** and **i10 index** scores and **citations** in Google Scholar. In addition, the index provides the ranking and assessment of scientists in academic subjects and fields as well as in 23.201 universities, 219 countries, regions and the world. In other words, the "AD Scientific Index" provides both ranking and analysis results. **Another difference of the AD Scientific Index is that it first ranks the university or institution within all institutions, and then gives its ranking within similar institutions or within universities, private and public universities.** In addition to the indexing and ranking functions, AD Scientific Index enlivens the academic life and offers the user the possibility to carry out an efficient academic analysis to verify and detect incorrect and unethical profiles, plagiarism, falsification, distortion, duplication, fabrication, slicing, salamisation, unfair authorship and various manifestations of academic harassment. Such analyses also help to reveal the medium- and long-term results of various policies implemented by institutions, including those related to academic staff recruitment and retention policies, salary policies, academic incentives and the scientific working environment.

#### Some differences of the AD Scientific Index:

- 1- Showing the status of universities and institutions in total and in the last 6 years according to H Index, i10 index and number of citations. **Only in AD Scientific Index**...
- 2- Progress analysis of institutions in the last 6 years. **Only in AD Scientific Index**...
- 3- Comparison of public universities with public universities and showing the situation in total and in the last 6 years according to H Index, i10 index and number of citations. **Only in AD Scientific Index**...
- 4- Comparison of private universities with private universities and showing their status in total and in the last 6 years according to H Index, i10 index and number of citations. **Only in AD Scientific Index**...
- 5- Distribution analysis of the scientific ranking of the academic staff in the institution according to percentiles. **Only in AD Scientific Index..**
- 6- Showing the status of individuals according to H Index, i10 index and number of citations in total and in the last 6 years. **Only in AD Scientific Index...**
- 7- Showing the ranking of individuals by institution, country, region and branch in the world. **Only in AD Scientific Index**...

- 8- Top list reports of institutions in the country, region and the world. **Only in AD Scientific Index**...
- 9- The ranking of individuals and institutions is constantly renewed, not once a year. **Only in AD Scientific Index**...

# **Subject Rankings:** Which subjects are ranked in the AD Scientific Index?

Agriculture & Forestry: Agricultural Biotechnology, Agricultural Economics, Agricultural Engineering, Agricultural Mechanization, Agriculture, Crop Science, Entomology & Pesticides, Animal Science, Fisheries, Forestry, Horticulture, Plant Science, Poultry Production, Soil and Water Engineering and Conservation, Soil Sciences and Plant Nutrition. Arts, Design & Architecture: Architecture, Interior Architecture, Arts, Design, Urban Planning. Business & Management: Business Administration, Communication, Decision Science and Operations Management, Entrepreneurship, Human Resource Management, Marketing, Public Administration, Public Relations and Advertising, Strategic Management. Economics & Econometrics: Accounting & Finance, Banking and Insurance, Economics, International Trade. Education: Education, Educational Administration, Educational Technology, Educational Psychology, Elemantary Teacher Education, Foreign Language Education, Guidance and Counseling, Mathematics and Science Education, Sociology of Education, Special Education. Engineering & Technology: Aerospace Engineering, Automotive Engineering, Bioengineering, Biomaterials and Tissue Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Science, Earth Sciences, Electrical & Electronic Engineering, Electrical & Information Engineering, Energy Engineering, Environmental Science & Engineering, Food Science and Engineering, Geomatics Engineering, Industrial & Manufacturing Engineering, Marine Engineering, Mechanical Engineering, Mechatronics Engineering, Metallurgical & Materials Engineering, Meteorology & Atmospheric Sciences, Mining Engineering, Nanoscience and Nanotechnology, Nuclear Engineering, Petroleum Engineering, Textile Engineering. History, Philosophy, Theology, Law / Law and Legal Studies. Medical and **Health Sciences:** Anatomy, Anesthesiology and Reanimation, Audiology and Speech Pathology, Bacteriology, Biochemistry, Biophysics, Biostatistics, Cardiology, Cardiovascular Surgery, Chest Diseases, Child and Adolescent Psychiatry, Clinical Pathology, Dentistry, Dermatology and Venereology, Emergency Medicine, Endocrinology, Epidemiology and Public Health and Metabolism, Family Medicine, Forensic Medicine, Gastroenterology, General Surgery, Geriatrics, Health Sciences, Hematology, Histology and Embriology, Immunology, Infectious Diseases, Internal Medicine, Medical Biochemistry, Medical Biology, Medical Education, Medical Genetics, Medical Microbiology, Medical Oncology, Medical Parasitology, Medical Physics, Medical Physiology, Medical Virology, Microbiology, Molecular Biology, Mycology, Neonatology, Nephrology, Neurology, Neuroscience, Neurosurgery, Nuclear Medicine, Nursing and Midwifery, Nutrition and Dietetics, Obstetrics and Gynecology, Occupational Medicine, Ophthalmology, Optometry, Orthopedics and Traumatology, Otorhinolaryngology, Parasitology, Pathology, Pediatric Cardiology, Pediatric Endocrinology and Metabolism, Pediatric Gastroenterology, Pediatric Hematology, Pediatric Infectious Diseases, Pediatric Intensive Care, Pediatric Nephrology, Pediatric Neurology, Pediatric Pulmonology, Pediatric Rheumatology, Pediatric Surgery, Pediatrics and Child Health, Perinatology, Pharmacology, Pharmacy & Pharmaceutical Sciences, Physical Medicine, Physiology, Physiotherapy, Plastic Surgery, Podiatry, Psychiatry, Radiation Oncology, Radiology, Rheumatology, Sports Medicine, Thoracic Surgery, Urology, Veterinary Sciences, Virology. Natural Sciences: Biological Science, Chemical Sciences, Geography, Mathematical Science, Molecular Biology & Genetics, Physics. Social <u>Sciences:</u> Anthropology, Archeology, Child Development, Demography, Higher Education Studies, Housing, International Relations, Journalism and Media, Library and Information Science, Linguistics and Literature, Open and Distance Education, Political Science, Psychology, Social Policy, Social Science, Social Work, Sociology, Tourism & Hospitality, Transportation Science & Technology.

# How often is the ranking done? If I register today, when will my ranking appear in the system?

The ranking of <u>individuals</u> and <u>institutions/universities</u> is usually done every day. New entries, deletions, corrections and changes are usually visible in all web areas after one day or at the latest three days. In other words, all entries can be viewed up to date after two working days at the latest. H index, i10 index and citation numbers in profiles are updated every 30-60 days. <u>Country Top List</u> rankings are made every 10 days on average.

#### Data Update, Data Collection, How often is the data updated?:

H index, i10 index and citation numbers in profiles are updated every 30-60 days. Data is collected from Google Scholar. The aim is to standardise names, institutions and industries as much as possible. Non-standardised data, including wide variations in information and the use of abbreviations and a variety of languages, have caused difficulties. Updates and new rankings will be available through the current list of profiles and the pool of academics, which would grow with new subscriptions. By performing data mining and reviewing the information obtained, many profiles have been excluded from the index. In addition, some profiles were excluded during the regular data cleaning process. Data cleansing requires a regular process that must be carried out meticulously. We welcome your input in cleaning the data and ensuring accuracy.

Identifying the subjects/departments to which scientific fields would belong may seem easy in some industries and in a number of countries. However, it may cause considerable confusion in some other countries, regions and schools. We would like to emphasise that the following fields, including engineering, natural and environmental sciences, biology and biochemistry, materials science, chemistry and social sciences, may exist in quite different spectrums in different countries. Therefore, we would like to emphasise that the standardisation of subjects and branches has not been easy. In order to carry out the standardisation, we have accepted the official names of the institutions and academic branches as they appear on the university website. We developed this strategy in order to at least partially standardise this complex situation.

#### **Expansion Policy and Add to the list?:**

The number of universities in countries and the number of academics in universities are gradually increasing within our means. The current list of registered academics includes 1.446.044 individuals, making it the largest ranked database. Frequent updates will be limited to new individual and institutional registrations in addition to our existing lists. In general, we do not aim for an infinite expansion in the number of people, as we have reached a manageable number that will provide healthy results. Addition to the list is limited to new individual and institutional registrations.

# Profile information and ethical responsibility:

The ethical responsibility for accurate profile information rests entirely with the individual scientist. However, we believe that it would be prudent for institutions, countries, and even professional societies to conduct periodic reviews of the profiles of scientists affiliated with their organisation, as misleading information can damage the reputation of the organisation or country. Organisations should also review profiles to identify and report on scientists who are not affiliated with the institution. In order to avoid damage to the reputation of the institution, institutions should take the necessary corrective and preventive action against published scientist profiles that are unethically arranged.

## Is it compulsory to register to find out your ranking?

You do not need to register to find out your individual ranking, you will be ranked more or less the same as a scientist with a similar H index, i10 index and citation count. Scientists with scores similar to yours are definitely on the list. However, you need to register to be included in the ranking with all its elements.

## **Ranking Criteria:**

# **H-index rankings**

Ranking of scientists by the university, country, region, and in the world was performed based on the "total h-index". The "total h-index" was used in rankings by the branch and the subbranch.

The ranking criteria based on the "**total h-index**" scores were used in the following order: 1. Total h-index scores, 2. Last 6 years' h-index scores, 3. Total i10 index scores, 4. Total number of citations). Ranking based on the <u>last 6 years h-index</u>" scores was performed using criteria in the following order: 1. Last 6 years' h-index scores, 2. Total h-index scores, 3. Last 6 years' i10 index scores, 4- Number of citations in the last 6 years.

# i10 Index Productivity Rankings

**i10** Index Productivity Rankings is a unique service offered only by "AD Scientific Index". It is a ranking system derived from the i10 index to show the productivity of scientists in publishing high-value scientific articles. It shows the number of articles with 10 or more citations, not the total number of articles of the scientist. Productivity Rankings is a tool that lists the most productive scientists in a given field, discipline, university and country, and can guide the development of meaningful incentives and academic policies. The world, regional and university rankings of scientists in this table are calculated on the basis of the overall i10 index. You can also see the "last 6 years i10 index".

The ranking criteria for the **total i10 index** were used in the following order: 1. Total i10 index scores, 2. Last 6 years' i10 index scores, 3. Total h-index scores, and 4. Total number of citation . Ranking based on the **last 6 years' i10 index** scores was performed using the criteria in the following order: 1. Last 6 years' i10 index scores, 2. Total i10 index scores, 3. Last 6 years' h-index scores and 4. Number of citations in the last 6 years.

# **Citation Rankings**

<u>Citation Rankings</u> is a unique service offered only by "AD Scientific Index". It is a ranking system derived from the number of citations to scientific articles of scientists. The Citation

Rankings is a tool that lists the scientists whose scientific publications are most highly valued in a given field, discipline, university and country, and like the i10 index, this ranking can guide the development of meaningful incentives and academic policies. You can also see the "last 6 years citation counts".

Ranking based on the **total number of citations** was performed using the criteria in the following order: 1. Total number of citations, 2. Number of citations in the last 6 years, 3. Total i10 index scores and 4. Total h-index scores. Ranking based on the total number of **citations in the last 6 years** was performed using the criteria in the following order: 1: Number of citations in the last 6 years, 2. Total number of citations, 3: Last 6 years' i10 index scores and 4. Last 6 years' h-index scores

# Studies that influence the order of ranking because of a high number of citations received, in a manner similar to CERN:

We started a procedure to add an asterisk as "i" at the end of the names of the authors when a scientific paper of interest included many authors such as CERN, ATLAS, ALICE, CMS, Statistical Data, Guideline, Updates etc. scientific papers. We think that new criteria will be defined to be implemented for such studies. Until further criteria are described, we marked such studies with a "i" sign. List without CERN, Statistical Data etc.

## Why are the last 6 years' ratios / total ratios important?

The h-index, the i10 index and the ratio of citations in the last 6 years to the total number of citations are important unique features of the AD Scientific Index, showing both the development of the individual performance of the scientist and the impact of the institutional policies of the universities on the overall scientific picture.

#### Institution analysis with AD Scientific Index

"AD Scientific Index" is the only source where you can evaluate all these institutions according to Total H Index, Last 6 Years H Index, Total i10 Index, Last 6 Years i10 Index, Total Citations and Last 6 Years Citations and analyse the latest developments of the institution. AD Scientific Index is the only analysis system that can analyse the number of scientists in institutions by subject and the top 10%, 20%, 30%, 40%, 50%, 50%, 60%, 70%, 80%, 90% and 90% of the world. Examples of Utah State University analyses are below:

a. Utah State University ranking among ALL UNIVERSITIES in the country, continent and world by 6 parameters:

b. Utah State University ranking among ALL PUBLIC UNIVERSITIES in the country, continent and world according to 6 parameters:

c. Utah State University ranking in ALL INSTITUTIONS (university, institute, hospital, company) in

the country, continent and world:

d. Analysis of Utah State University scientists' achievement status by percentiles and subject:

## **Ranking Criteria for Universities:**

We have a ranking that includes <u>all universities</u>, <u>private universities</u>, <u>public universities</u>, <u>institutions</u>, <u>hospitals</u>, <u>companies</u>, as well as a ranking that includes only the relevant categories. For example, a private university: You can see its ranking in the country, the region and the world among all institutions, all private universities and all universities.

For global university rankings, ranking organisations use the following parameters: quality of education, employment rates of graduates, quality of faculties within an individual university, international collaborations, number of alumni and staff awarded Nobel Prizes and Fields Medals, number of highly cited researchers selected by Clarivate Analytics, total number of research papers, number of articles published in Nature and Science journals, number of articles indexed in Science Citation Index-Expanded (SCIE) and Social Science Citation Index (SSCI), and number of highly cited research articles. Each ranking organisation develops a ranking methodology that assigns different weightings to selected elements of these parameters. Experienced ranking organisations evaluate 2000-3000 universities for the ranking.

AD Scientific Index performs rankings using a single parameter, the number of "Valued and Productive Scientists" employed by a given university. This parameter, selected after years of observation, is calculated using the total H-index and i10-index values together with the number of citations, and the total H-index and i10-index values of the last 6 years together with the number of citations received in the last 6 years. We rank more than 22,350 universities in this way. Careful examination will reveal that most of the other parameters are representations of the natural academic products of 'valued and productive academics'. Institutions employing a high number of Valued and Productive Scientists, for example scientists in the first top 10%, top 20%, top 40%, top 60%, top 80% and later ranks, will naturally produce a higher number of academic outputs listed as the parameters above. "The AD Scientific Index is the only university ranking system that analyses the distribution of scientists in an institution according to the 10, 20, 30, 40, 50, 60, 70, 80 and 90 percentiles.

The ranking of institutions starts by identifying the scientists in the top 10, 20, 30, 40, 50, 60, 70, 80 and 90 per cent of the institution. Institutions with more scientists in these bands are ranked higher. If there is an equal number of scientists in a range, the next range is considered. If the number is still equal, the institution with the higher number of individual scientists is ranked higher.

A comparison of the AD Scientific Index scores of institutions with the scores of other ranked institutions will show a high degree of consistency between the scores. We use our methodology to rank institutions of different characteristics and sizes from different countries and all continents, and achieve very successful results through the ranking figures obtained. Given the

ongoing processes of data entry and data cleansing for over 22,500 universities, we expect that data entry issues such as incomplete entries or human errors in data entry made by either the universities or our team will be resolved and lead to improved accuracy of results over time.

The AD Scientific Index top university rankings will not only list the areas in which a university is the best or has room for improvement, but will also reflect the results of the institutions' science policies. This report reveals the ability of institutions to attract highly-regarded researchers and the ability of institutions to promote progress and retain researchers.

## Institution analysis with AD Scientific Index

"AD Scientific Index" is the only source where you can evaluate all these institutions according to Total H Index, Last 6 Years H Index, Total i10 Index, Last 6 Years i10 Index, Total Citations and Last 6 Years Citations and analyse the latest developments of the institution.

# **Ranking Criteria for Countries:**

As described in the university ranking section, it is not easy to obtain and standardize data from about 23.201 universities for the 219 country ranking. Therefore, we based our ranking system on the number of meritorious scientists. Four criteria are used to rank the countries. The first one is the number of scientists in the top 3% list. The second and third criterion are the number of scientists in the Top 10%, Top 20%, Top 40%, Top 60% Top 80%, and later ranks. The fourth one is the number of scientists listed in the AD Scientific Index. In the case of equalities after applying all these four criteria, the world rank of the meritorious scientist of that country is used.

# **Top 100 Institutions**

With this ranking, you can see the top 100 institutions among all universities, private universities, public universities, all institutions, hospitals and companies in any country, region and the world.

# **Top 100 Scientists**

The Top 100 Scientists ranking is based on total h-index scores. The Top 100 Scientists can be ranked globally or specifically for the following regions: Africa, Asia, Europe, North America, Oceania, Arab League, EECA, BRICS and Latin America, based on total h-index scores without any breakdown by subject area. The top 100 rankings in the world, continent or region include the standardised subject areas of Agriculture & Forestry, Arts, Design & Architecture, Business & Management, Economics & Econometrics, Education, Engineering & Technology, History, Philosophy, Theology, Law & Legal Studies, Medical & Health Sciences, Natural Sciences and Social Sciences. Subjects listed as 'other' are not included in the rankings by region and subject. Therefore, you may wish to specify your subject and field and contribute to the standardisation of your performance. Identifying the subjects/departments to which scientific fields would belong may seem easy in some sectors and in a number of countries. However, it may cause considerable confusion in some other countries, regions and schools. We would like to emphasise that the following fields, including engineering, natural and environmental sciences, biology, biochemistry, materials science, biotechnology, chemistry and social sciences, may exist in quite different spectrums in different countries. Therefore, we would like to emphasise that the standardisation of subjects and branches was not easy. In order to carry out the standardisation, we have accepted the official names of the institutions and academic branches as they appear on the university website. We developed this strategy to at least partially standardise this complex

situation. We also started a procedure of adding an asterisk as an "i" at the end of the authors' names when a scientific paper of interest had many authors, such as the scientific papers of CERN.

## **Compare And Choose Universities/Institutions**

A comprehensive and reliable resource for your academic preferences and choices at all levels. You can find relevant data in "AD Scientific Index" to compare 22.710 universities and institutions from 219 countries. The number of scientists and publications, academic interests, and other detailed analysis results concerning universities and institutions will help you make your choices. For comparisons, click

#### **Academic collaboration**

Scientific fields of interest specified in the profiles of scientists are available for other scientists from different countries and institutions to enable academic collaboration.

# **Comparisons of Ranking Systems**

In addition to the rankings of scientists, which consist of many tables and graphs of trend analyses that are provided for the first time, this comprehensive system offers several data and analysis results that, within the limits of the inherent advantages and limitations, will provide important added value to branches and institutions. We would like to emphasise that comparisons should not be made between two branches, each of which has a different potential to produce scientific publications. For example, it is not correct to expect the same number of articles from completely different fields such as law, social sciences, music, physics or biochemistry. Ranking comparisons should not overlook the inherent potential of fields to produce publications. For this reason, we try to focus on observations within the same subject/field and on recent productivity. The ranking is made only among the profiles in the "AD Scientific Index" and we would like to remind again that the fact that a person is not in the "AD Scientific Index" does not reflect the academic value of the person in a negative way, it only shows that he is not in the system.

## **Data Cleaning and the Redlist**

Data cleansing is a dynamic process that we perform systematically on an ongoing basis. Despite our best efforts, we may not be completely accurate and we welcome your contributions to the Red List notifications. Rarely, some scientists are placed on the Red List due to innocent mistakes made in good faith and without unethical behaviour. Most errors are the result of inadequate periodic profile checks. To avoid such an undesirable situation, researchers should regularly check their profiles and institutions should systematically check the profiles of their staff. Use redlist@adscientificindex.com to report an inappropriate profile, death, or any other condition that would require the profile to be removed.

# Limitations of the "AD Scientific Index": Missing or Inaccurate Profiles or Missing Institution Names

This index is a comparative platform developed by ranking accessible and verified profiles. First and foremost, not being included in this index for various reasons does not mean that the academician is not valued or that only those academicians listed in the index are the valued

ones. This should be noted carefully. A meritorious scholar may not have been included in this index because he or she does not have a Google Scholar profile or we do not have access to that profile for various reasons. The unavailability of verified Google Scholar profiles of scholars working at well-known and respected academic institutions in their respective countries may prevent us from finding institutions and scholars' profiles. Because updating profiles in the system and collecting data from open sources requires effort, and because the data is being collected for the first time, it is not possible for the index to be completely error-free.

Google Scholar profiles are created and published by scholars themselves on a voluntary basis. An individual may not have created a profile for a variety of reasons and will therefore not be listed in the AD Scientific Index. It is important to remember that a profile may not exist or be public at the time of our search, some profiles may only be public at certain times, the information in the profile may not be consistent, there may be more than one profile belonging to the same person, profiles may not be verified, the name of the institution may be missing, surnames or names of institutions may change, profile owners may have died, or known or unforeseen problems may occur. Profiles whose owners have died will be removed from the system. The list is continually updated and corrected.

If we discover or are informed of unethical situations in profile information that go beyond the bounds of decency, the person will be removed from the list. As individuals are responsible for the accuracy of their profiles, organisations should also include the need to review academic staff profiles in their agenda.

Articles with thousands of authors, such as CERN studies in the field of physics, or scientific studies with more than one author in classification studies in medicine or statistical studies, raise debates about the requirements for the amount of article content that belongs to an author. As such papers may lead to inequality of opportunity, a separate grouping system may be needed in the future. To minimise this problem, it is also possible to sort using the "List without CERN, Statistical Data, etc" option. This is a feature found only in the AD Scientific Index.

The pros and cons of "ranking" systems such as Web of Science, Scopus, Google Scholar and similar others are well known, and the limitations of such systems have long been recognised in the scientific community. Therefore, interpreting this study beyond these limitations may lead to erroneous results. The AD Scientific Index needs to be evaluated with all of the above potential limitations in mind.

# Possible reasons why a scientist is not on this list...

Since its foundation, AD Scientific Index has expanded at a rapid pace to include relevant individuals, regions, universities, countries, and continents. Currently, it includes 1.446.044 scientists and academicians from 219 countries and 23.201 universities and institutions. We are in continuous pursuit of comprehensiveness with close observations for the accuracy, cleanliness, reliability, and up-to-dateness of the data so as to ensure sustainability. During each update, all data with several types of increases in figures are subject to reviews for controls. So far, we have excluded almost 200,000 items of data for several reasons during the several stages of list development.

#### Reasons why a name is not on the list:

No Google Scholar profile available,

Notification that the person does not wish to be listed,

The Google Scholar profile is not PUBLIC,

The information in the profile is incomplete or irrelevant,

A change in the profile's PUBLIC status,

Some publications do not belong to the profile,

Inappropriateness found and deleted during the review of a complaint about the profile Opening of the personal profile outside the period of periodic data expansion for the organisation

The address is not clear or reliable,

Deletions due to various notifications of non-compliance by the researcher's institution Deletion of previously listed profiles due to inaccessibility of profiles during updates, In addition, a name may not appear in the list due to various errors.

#### **Deleted Profiles**

Profiles can be deleted for various reasons. Some profiles are deleted according to the controls made for data cleaning and ensuring the timeliness of the data, including ethical violation applications, sharing publications belonging to someone else, including publications belonging to someone else due to name similarity, preventing the profile from being public, profiles that are sometimes open and sometimes closed, profiles containing elements that undermine trust, profiles that are closed or inaccessible during the data renewal period. These profiles can register after correcting their data.

#### Inappropriate or unethical profiles

Inappropriate or unethical profiles will be deleted, even if a fee is paid.

# How can individuals find out their ranking if they are not already included in the list?

You do not need to be included in a relevant list to find out your ranking. The ranking will be the same as those of other academicians or scientists with similar scores in the list. However, there is only one way to get on the list: using the <u>registration page of the website</u>. You can use the individual or institutional registration option from this <u>page</u>. We do not respond to individual registration requests sent by e-mail.

May 25, 2021 Total 417.605 scientist, 167 country, 9.525 university

June 18, 2021 Total 700.093 scientist, 182 country, 11.350 university

June 5, 2022 Total 948.737 scientist, 216 country, 15.652 university

October 1, 2022 Total 1.082.054 scientist, 19.490 university

April 1, 2023 Total 1.350.571 scientist, 218 country, 21.500 university

# Could this work have been designed in another way?

It is not possible to measure the research capacity of a university or a researcher accurately on the basis of a few parameters. Assessments should include many other types of data, such as patents, research funding, incentives, published books, teaching intensity, congress presentations, and graduate and postgraduate teaching positions. A common criticism is why the Web of Science h-index is not used. Since it is not possible to have access to all the data covering all the academic components, such as the h-indexes of the Web of Science, Scopus or Publons, etc., or the organisations, patents, awards, etc., it is not possible to have access to all the data covering all the academic components.

Because it will not be possible to reach the above-mentioned information 23.201 universities, the only common parameter for an evaluation is the methodology we use. Our methodology results yield the same results as those from other ranking systems, which use a large number of parameters.

# The Concept of Predatory:

A journal or an academic service cannot be considered predatory only because it is not free. The concept of predatory is used for describing any unethical action including those with factitious, spurious, exaggerated, or deceptive quality, performed in return for a fee. Any predatory activity is misleading and unfair. As an institution that does not receive any governmental, institutional, or financial support and with the aim of maintaining the sustainability of our academic services and the preservation of editorial independence, we have reached the following figures of 1.446.044 academicians and 23.201 universities included in our database completely free of charge through the extensive efforts of a large team within the scope of expanding our data in terms of countries, branches, and universities. Our expansion continues at a certain pace. However, we charge a small service fee from those, who prefer to be included in the system faster, without compromising ethical principles.

# A methodology that increases transparency and visibility.

The "AD Scientific Index" not only provides ranking services, but also shines a light on ethical violations by presenting publicly available data, thus paving the way for ethical violations to be resolved. By carrying the torch in this way, we are improving controllability, transparency and accountability at both individual and corporate levels. These efforts have led individuals and institutions to focus on academic profiles, and tens of thousands of academics have revised and rearranged their profiles, removing inaccurate data. As well as stressing the need for academics to regularly review the information in their profiles, we also emphasise the need for institutions to review the profiles of their academic staff. You are always welcome to contribute by reporting incorrect data via the Red List link.

#### How will the new rankings be updated in the "AD Scientific Index"?

Updates and new rankings will be available through the current list of profiles and the pool of academicians that would expand along with new subscriptions. Importantly, one should remember that taking 300 citations as the lower limit for inclusion in the index brings up the potential of exclusion because of variations across different H-index values. We are going to spend our best efforts to respond to e-mails, which question the justification for not being included in the list despite high H-index values.

Because data processing with simultaneous data input may entail the risk of data pollution, we prefer not to work with instant data online. Although it is difficult and time-consuming to check all profiles with increased numerical values during each data extraction, we regularly perform such checking procedures. Therefore, please do not send an e-mail requesting an update when the data in your profile changes. However, you are always welcome to contribute by reporting an

accidentally overlooked inappropriate profile by sending an e-mail.

#### How can I be included in the "AD Scientific Index"?

First of all, you must have a Google Scholar profile and this profile must be set to PUBLIC. If you do not have a Google Scholar profile, you can create a profile at https://scholar.google.com/ and add your published scientific articles. It is the liability of the scientist to ensure the accuracy and the ethical aspects of the profile. Furthermore, it is recommended that institutions would check the profiles of respective employees. We would like to remind you that you should check your profile regularly and keep it updated. Published scientific papers added to your profile may cause ethical issues if they do not belong to you.

# Is there a specified lower limit for the h-index and i10 index scores or the number of citations to be included in "AD Scientific Index"?

**For REGISTRATION,** no lower limits have been specified for the number of citations or the hindex or i10-index scores to be included in the "AD Scientific Index".

# **Fee Policy**

For the sustainability and independence of this system, which has been developed by the labor of many people without any institutional or financial support, we request a small contribution as a transaction fee. With the contribution of many scientists from different fields, the "AD Scientific Index" is systematically updated for continuous improvement. In parallel with the continuous increase in the number of universities and scientists registered in the index, we are improving the methodology, software, data accuracy and data cleaning procedures every day with the contributions of a large team. Free changes: University/institution changes (by emailing info@adscientificindex.com with evidence). Paid changes: It is in two forms as Registered Member and Premium Member membership.

# What are the features of Registered Member?

Registered Member: Total H Index Rankings, Last 6 years H Index Rankings, Last 6 years / Total H Index, Total i10 Index Rankings, Last 6 years i10 Index Rankings, Last 6 years / Total i10 Index, Total Citation Rankings, Last 6 years Citation Rankings, Last 6 years / Total Citation, Subject Rankings: Etc. Engineering & Technology / Food Science and Engineering, AD Scientific Index ID, ORCID ID, Researchgate, Awards & Achievements, Email, University / Institution Rankings, Web Of Science Researcher ID, Scopus Author ID, Academic Degree, Institutional Web Address, Office, Company or Private Business link, Books - E-books, Lecture Notes

Fee: If you are from a HIGH-INCOME ECONOMY COUNTRY (\$12,536 OR MORE) based on the World Bank Classification, you will be requested to pay 30 US Dollars, and from other countries 24 US Dollars

## What are the differences of Premium Member?

<u>Premium Member</u>: In addition to Registered User Features, Ability to enter and make changes with password, All Education Information, All Work Experience, All Publications, All Articles and links, All Published Books and Book Chapters, All Presentations, All Courses, All Projects, All Editorial, Refereeing and Scientific Committee, Patents / Designs, Academic Grants and Awards, Artistic Activities, All Certificates / Courses / Trainings, Association and Community Memberships,

Ability to hide picture, Ability to show the areas you want, Change of subject, Many comparisons on the dashboard and many other features

Fee: If you are from a HIGH-INCOME ECONOMY COUNTRY (\$12,536 OR MORE) based on the World Bank Classification, you will be requested to pay 35 US Dollars, and from other countries 29 US Dollars

Once your registration has been created, you can edit your information yourself by logging in with your e-mail address and password.

# **Institutional Registration**

Institutions can submit a list of staff scientists, who have not yet been included in the AD Scientific Index, and receive a registration discount. Institutions can also apply for corrections. Scientists listed by the institution will be included in "AD Scientific Index" within 1-7 days after the profile checks. Thus, an institution can examine the total and the last 6 years' h-index and i10 index scores, numbers of citations, and productivity of employee scientists. In the same way, you can observe the accurate ranking of your university in the country, region, and the world, along with any respective progress in total and in the last 6 years. In corporate applications, the fee for individual submissions will be subject to a discount of 10%. As stated in the above article, the individual registration fee ranges from 24 \$ to 30 US\$ based on the economic status of the country. The institutional registration fee is calculated by multiplying the individual application fee of the relevant country by the number of people in the institution list and applying a 10% discount to the obtained figure. After the calculated amount is deposited into our bank account with the correct IBAN, please send the receipt, the invoice address of your institution, and the complete Excel file filled out with required information to register@adscientificindex.com. The invoice will be sent electronically to the specified institutional invoice address.

# **Data Policy:**

All data here is taken from Google Scholar and the data provided during registration, and no information that has not been made public with the consent of the individual is shared here, except for academic purposes. However, you may send a message to info@adscientificindex.com to have your information removed from here, and your information will be deleted within 6 business days. We do not collect credit card information.

#### Your comments and contributions

Your comments and contributions regarding our shortcomings will shed light on our continuous improvement efforts.

# Table I. Number of scientists in Pakistan top 20.000 according to Country

4	Country	Country Region Rank	Country World Rank	Scientists in Pakistan Top 20.000	<b>Total Institutions</b>	<b>Total Scientist</b>
[	Pakistan	12	39	17489	275	17484

Table II. All Types Institutions in Pakistan top 20.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
1	University of Agriculture Faisalabad	1	133	815	Pakistan	Public	1961	403	7	33	79	121
2	Quaid-i-Azam University Islamabad	2	161	906	Pakistan	Public	1960	495	6	28	69	102
3	Government College University Faisalabad	3	237	1183	Pakistan	Public	1897	286	4	18	53	85
4	Bahauddin Zakariya University	4	241	1197	Pakistan	Public	1975	254	4	18	39	70
5	COMSATS University Islamabad	5	275	1298	Pakistan	Public	1998	487	6	16	39	77
6	Aga Khan University	6	353	1606	Pakistan	Private	1983	429	4	11	41	58
7	University of the Punjab	7	356	1614	Pakistan	Public	1882	383	1	11	33	64
8	National University of Sciences & Technology	8	376	1690	Pakistan	Public	1991	812	1	10	46	90
9	Abdul Wali Khan University Mardan	9	382	1715	Pakistan	Public	2009	251	3	10	28	46
10	International Islamic University Islamabad	10	493	2043	Pakistan	Public	1956	313	2	8	13	32
11	University of Agriculture Peshawar	11	580	2297	Pakistan	Public	1981	186	0	6	17	28
12	University of Management and Technology	12	589	2318	Pakistan	Private	1990	342	1	6	15	31
13	Islamia University Bahawalpur	13	628	2451	Pakistan	Public	1925	344	0	5	28	44
14	University of Arid Agriculture Rawalpindi	14	651	2504	Pakistan	Public	2013	132	0	5	16	30
15	University of Sindh	15	669	2553	Pakistan	Public	1947	287	2	5	13	18
16	Government College University Lahore	16	680	2571	Pakistan	Public	1864	142	1	5	12	18
17	University of Education, Lahore	17	707	2638	Pakistan	Public	2002	187	1	5	9	16
18	University of Sargodha	18	755	2761	Pakistan	Public	2002	167	0	4	16	35
19	Lahore University of Management Sciences	19	768	2786	Pakistan	Private	1985	291	0	4	14	25
20	University of Lahore	20	779	2808	Pakistan	Private	1999	356	2	4	13	27

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
21	Khwaja Fareed University of Engineering and Information Technology	21	789	2830	Pakistan	Public	2014	136	0	4	12	17
22	Hazara University	22	828	2926	Pakistan	Public	2002	111	0	4	8	19
23	University of Peshawar	23	901	3115	Pakistan	Public	1950	141	1	3	13	19
24	University of Karachi	24	906	3128	Pakistan	Public	1950	205	0	3	12	24
25	National Institute for Biotechnology and Genetic Engineering	25	948	3214	Pakistan	Institution	1994	35	1	3	10	14
26	University of Swabi	26	1016	3395	Pakistan	Public	2012	59	1	3	6	8
27	Gomal University Dera Ismail Khan	27	1035	3447	Pakistan	Public	1974	66	1	3	5	6
28	University of Veterinary and Animal Sciences Lahore	28	1112	3672	Pakistan	Public	1881	176	0	2	10	23
29	Pakistan Institute of Engineering & Applied Sciences Islamabad	29	1114	3677	Pakistan	Institution	1997	171	1	2	10	17
30	University of Engineering & Technology Lahore	30	1118	3684	Pakistan	Public	1962	327	0	2	9	22
31	Kohat University of Science & Technology	31	1126	3701	Pakistan	Public	2001	108	1	2	9	15
32	University of Malakand	32	1175	3833	Pakistan	Public	2001	99	0	2	6	16
33	Bahria University	33	1186	3862	Pakistan	Private	2000	270	0	2	6	9
34	Air University Islamabad	34	1191	3870	Pakistan	Public	1969	199	0	2	6	9
35	University of Haripur	35	1210	3933	Pakistan	Public	2012	84	1	2	5	8
36	Virtual University of Pakistan	36	1270	4111	Pakistan	Public	2002	15	0	2	4	5
37	National College of Business Administration & Economics	37	1276	4124	Pakistan	Private	1924	45	0	2	4	5
38	Shaheed Benazir Bhutto University	38	1302	4197	Pakistan	Public	2009	50	0	2	3	3
39	Institute of Business Administration Karachi	39	1305	4206	Pakistan	Institution	1955	115	0	2	3	4
40	National Centre for Physics	40	1334	4304	Pakistan	Institution	1999	40	1	2	2	7
41	Abasyn University	41	1355	4338	Pakistan	Private	2007	25	0	2	2	3

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000		Scientists in World Top 10%		1
42	University of Faisalabad	42	1366	4364	Pakistan	Private	2002	21	0	2	2	2
43	University of Engineering & Technology Taxila	43	1407	4484	Pakistan	Public	1975	218	0	1	8	24
44	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	44	1419	4511	Pakistan	Institution	1993	101	0	1	8	15
45	Superior University Lahore	45	1445	4571	Pakistan	Private	2000	185	1	1	7	8
46	University of Central Punjab	46	1458	4600	Pakistan	Private	2002	230	0	1	6	10
47	Riphah International University	47	1487	4677	Pakistan	Private	2002	209	0	1	5	12
48	Muhammad Nawaz Shareef University of Agriculture	48	1501	4708	Pakistan	Public	1978	77	0	1	5	9
49	Islamia College Peshawar	49	1507	4725	Pakistan	Public	1913	60	0	1	5	10
50	Capital University of Science & Technology	50	1509	4727	Pakistan	Private	1998	64	0	1	5	9
51	Information Technology University Lahore	51	1515	4753	Pakistan	Public	2012	107	0	1	5	7
52	University of Engineering & Technology Peshawar	52	1540	4808	Pakistan	Public	1952	230	0	1	4	10
53	Heavy Industries Taxila Education City University	53	1589	4926	Pakistan	Institution	2017	52	1	1	4	6
54	Federal Urdu University of Arts Sciences and Technology FUUAST Karachi	54	1664	5113	Pakistan	Public	2002	80	0	1	3	4
55	University of Okara	55	1705	5193	Pakistan	Public	2016	60	0	1	3	4
56	Forman Christian College Lahore	56	1740	5291	Pakistan	Private	1946	80	0	1	2	8
57	Karakoram International University	57	1741	5292	Pakistan	Public	2002	87	0	1	2	3
58	Khyber Medical University	58	1752	5326	Pakistan	Public	2007	65	0	1	2	4
59	Foundation University Institute of Management and Computer Science	59	1764	5358	Pakistan	Institution	1918	95	1	1	2	5
60	Shifa Tameer e Millat University	60	1769	5364	Pakistan	Private	2012	127	0	1	2	2
61	Health Services Academy	61	1798	5432	Pakistan	Public	1948	35	1	1	2	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%	in World	
62	Cecos University	62	1837	5526	Pakistan	Private	1986	25	0	1	2	4
63	University of Sahiwal	63	1861	5579	Pakistan	Public	2005	35	0	1	2	3
64	Pakistan Agricultural Research Council	64	1931	5732	Pakistan	Institution	1948	51	0	1	1	3
65	Isra University	65	1981	5836	Pakistan	Private	1989	14	0	1	1	2
66	University of Balochistan	66	1998	5871	Pakistan	Public	1970	90	0	1	1	2
67	University of Lakki Marwat	67	2003	5882	Pakistan	Public	2017	22	0	1	1	2
68	Lasbela University of Agriculture, Water and Marine Sciences	68	2008	5889	Pakistan	Public	2005	35	0	1	1	3
69	University of Sialkot	69	2013	5901	Pakistan	Private	2018	64	1	1	1	1
70	Iqra University Karachi	70	2047	5979	Pakistan	Private	1998	113	0	1	1	2
71	NFC Institute of Engineering & Fertilizer Research	71	2112	6110	Pakistan	Institution	1998	16	0	1	1	1
72	Lahore Leads University	72	2113	6111	Pakistan	Private	2011	25	0	1	1	2
73	Institute of Southern Punjab Multan	73	2162	6204	Pakistan	Private	2010	17	0	1	1	1
74	Muhammad Nawaz Sharif University of Engineering and Techology	74	2177	6229	Pakistan	Public	2012	12	0	1	1	1
75	University of Wah	75	2189	6255	Pakistan	Private	2005	18	0	1	1	1
76	Northern University - Pakistan	76	2202	6280	Pakistan	Private	2002	6	0	1	1	1
77	University of South Asia, Lahore	77	2213	6301	Pakistan	Private	1987	9	0	1	1	1
78	University of Gujrat	78	2277	6463	Pakistan	Public	2003	175	0	0	15	28
79	Mehran University of Engineering & Technology	79	2291	6509	Pakistan	Public	1973	247	0	0	6	15
80	National Textile University Faisalabad	80	2304	6551	Pakistan	Public	1959	80	0	0	5	11
81	National University of Medical Sciences NUMS Pakistan	81	2311	6575	Pakistan	Public	1927	58	0	0	5	6
82	National University of Computer and Emerging Sciences	82	2319	6596	Pakistan	Private	2000	296	0	0	4	11
83	Dow University of Health Sciences Karachi	83	2327	6625	Pakistan	Public	1888	158	0	0	4	8
84	Ghazi University	84	2341	6663	Pakistan	Public	2012	58	0	0	4	7

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded				in World	Scientists in World Top 30%
85	Mirpur University of Science & Technology	85	2364	6734	Pakistan	Public	2008	100	0	0	3	10
86	Institute of Space Technology	86	2367	6739	Pakistan	Institution	2002	75	0	0	3	8
87	Pak-Austria Fachhochschule Institute of Applied Sciences and Technology Haripur	87	2377	6771	Pakistan	Institution	2020	46	0	0	3	7
88	Pakistan Institute of Nuclear Science and Technology	88	2378	6775	Pakistan	Institution	1965	31	0	0	3	8
89	University of Swat	89	2380	6784	Pakistan	Public	2010	56	0	0	3	7
90	University of Health Sciences Lahore	90	2414	6875	Pakistan	Public	1984	31	0	0	3	4
91	University of Poonch Rawalakot	91	2445	6946	Pakistan	Public	2013	51	0	0	2	7
92	University of Azad Jammu and Kashmir	92	2453	6958	Pakistan	Public	1973	76	0	0	2	6
93	Institute of Business Administration Sukkur	93	2458	6969	Pakistan	Institution	2006	159	0	0	2	7
94	Nuclear Institute for Agriculture and Biology	94	2491	7055	Pakistan	Institution	1972	23	0	0	2	4
95	University of Science & Technology Bannu	95	2536	7160	Pakistan	Public	2005	25	0	0	2	5
96	National University of Technology NUTECH Islamabad	96	2596	7296	Pakistan	Public	2018	45	0	0	2	3
97	Al Khawarizmi Institute of Computer Science	97	2597	7297	Pakistan	Institution	2012	47	0	0	2	4
98	Baqai Medical University	98	2606	7321	Pakistan	Private	1996	16	0	0	2	4
99	Sarhad University of Science & Information Technology	99	2624	7353	Pakistan	Private	2001	50	0	0	2	3
100	Jinnah Sindh Medical University	100	2633	7374	Pakistan	Public	2012	38	0	0	2	3
101	Mohammad Ali Jinnah University Karachi Campus	101	2639	7385	Pakistan	Private	1998	33	0	0	2	3
102	University of Mianwali	102	2652	7417	Pakistan	Public	2019	11	0	0	2	3

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
103	Balochistan University of Information Technology, Engineering and Management Sciences	103	2712	7566	Pakistan	Public	2002	152	0	0	1	6
104	Allama Iqbal Open University	104	2741	7649	Pakistan	Public	1974	51	0	0	1	4
105	Lahore College for Women University	105	2749	7671	Pakistan	Public	1922	121	0	0	1	3
106	Institute of Business Management Karachi	106	2774	7740	Pakistan	Institution	1995	108	0	0	1	4
107	Dawood University of Engineering & Technology	107	2811	7840	Pakistan	Public	1909	48	0	0	1	4
108	Lahore School of Economics	108	2828	7883	Pakistan	Private	1993	32	0	0	1	2
109	Fatima Jinnah Women University	109	2842	7919	Pakistan	Public	1998	75	0	0	1	1
110	National University of Modern Languages Islamabad	110	2908	8065	Pakistan	Public	1970	157	0	0	1	2
111	Kinnaird College for Women	111	2925	8107	Pakistan	Public	1913	41	0	0	1	2
112	Pakistan Institute of Development Economics	112	2928	8118	Pakistan	Institution	1957	41	0	0	1	2
113	University of Engineering & Technology UET Mardan	113	2958	8176	Pakistan	Public	1967	19	0	0	1	2
114	Benazir Bhutto Shaheed University Lyari	114	2960	8179	Pakistan	Public	2010	17	0	0	1	2
115	Federal Urdu University of Arts Sciences and Technology FUUAST Islamabad	115	2962	8186	Pakistan	Public	2002	11	0	0	1	2
116	King Edward Medical University	116	2969	8199	Pakistan	Public	1860	41	0	0	1	1
117	Abbottabad University of Science and Technology	117	3036	8358	Pakistan	Public	2015	26	0	0	1	1
118	University of Turbat	118	3072	8444	Pakistan	Public	2012	16	0	0	1	1
119	Sindh Madressatul Islam University, Karachi	119	3085	8467	Pakistan	Public	1885	42	0	0	1	2
120	University of the Punjab Gujranwala Campus	120	3093	8480	Pakistan	Public	1882	17	0	0	1	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		in World
121	Beaconhouse National University	121	3102	8498	Pakistan	Private	2005	15	0	0	1	1
122	ILMA University	122	3149	8607	Pakistan	Private	2001	17	0	0	1	2
123	Fatima Jinnah Medical University Lahore	123	3160	8621	Pakistan	Public	1948	10	0	0	1	1
124	University of Kotli Azad Jammu and Kashmir	124	3197	8713	Pakistan	Public	2014	32	0	0	1	1
125	Mohi-ud-Din Islamic University	125	3227	8773	Pakistan	Private	2000	16	0	0	1	1
126	Sindh Institute of Urology and Transplantation	126	3268	8851	Pakistan	Institution	1954	6	0	0	1	1
127	Hamdard University	127	3299	8910	Pakistan	Private	1991	36	0	0	1	1
128	National Institute of Blood Diseases and Bone Marrow Transplantation	128	3369	9049	Pakistan	Institution	2008	8	0	0	1	1
129	Shaikh Khalifa Bin Zayed Al Nahyan Medical & Dental College Lahore	129	3385	9074	Pakistan	Public	2009	8	0	0	1	1
130	Nazeer Hussain University	130	3398	9103	Pakistan	Private	2013	7	0	0	1	1
131	Karachi School for Business & Leadership	131	3422	9146	Pakistan	Private	2010	5	0	0	1	1
132	NED University of Engineering & Technology	132	3507	9371	Pakistan	Public	1921	208	0	0	0	2
133	Sindh Agriculture University	133	3514	9388	Pakistan	Public	1977	85	0	0	0	2
134	Institute of Management Sciences Peshawar	134	3603	9611	Pakistan	Public	2002	51	0	0	0	3
135	Government College for Women University Sialkot	135	3604	9614	Pakistan	Public	1982	28	0	0	0	0
136	Cholistan University of Veterinary and Animal Sciences Bahawalpur	136	3624	9648	Pakistan	Public	1961	34	0	0	0	3
137	Shaheed Zulfikar Ali Bhutto Institute of Science & Technology Islamabad	137	3639	9673	Pakistan	Institution	1995	74	0	0	0	2
138	Minhaj University Lahore	138	3640	9676	Pakistan	Private	1986	63	0	0	0	2
139	Government College Women University Faisalabad	139	3706	9814	Pakistan	Public	1983	50	0	0	0	0

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140	Ziauddin University	140	3720	9846	Pakistan	Private	1995	81	0	0	0	1
141	Bacha Khan University	141	3751	9923	Pakistan	Public	2012	45	0	0	0	1
142	Qurtaba University of Science & Information Technology Dera Ismail Khan	142	3774	9972	Pakistan	Private	2001	32	0	0	0	2
143	Kohsar University Murree	143	3807	10050	Pakistan	Public	2020	5	0	0	0	0
144	Government Sadiq College Women University Bahawalpur	144	3819	10071	Pakistan	Public	2013	15	0	0	0	0
145	Pakistan Atomic Energy Commission	145	3828	10105	Pakistan	Institution	1936	12	0	0	0	2
146	Fata University	146	3832	10113	Pakistan	Public	2013	10	0	0	0	0
147	Quaid-e-Awam University of Engineering Science & Technology	147	3846	10146	Pakistan	Public	1974	129	0	0	0	0
148	Shah Abdul Latif University	148	3865	10178	Pakistan	Public	1987	38	0	0	0	0
149	GC University Lahore	149	3876	10200	Pakistan	Public	2003	32	0	0	0	0
150	Liaquat University of Medical and Health Sciences	150	3884	10215	Pakistan	Public	1881	35	0	0	0	0
151	Government College Women University, Sialkot	151	3893	10230	Pakistan	Public	2013	46	0	0	0	1
152	University of Jhang	152	3912	10273	Pakistan	Public	2015	14	0	0	0	2
153	Namal College Mianwali	153	3958	10373	Pakistan	Private	2008	17	0	0	0	1
154	University of Baltistan Skardu	154	3993	10444	Pakistan	Public	2017	22	0	0	0	0
155	Karachi Institute of Economics and Technology	155	4003	10466	Pakistan	Institution	1997	27	0	0	0	0
156	DHA Suffa University	156	4005	10468	Pakistan	Private	2012	23	0	0	0	2
157	National Skills University	157	4048	10553	Pakistan	Public	2021	106	0	0	0	2
158	Allama Iqbal Medical College	158	4070		Pakistan	Public	1975	14	0	0	0	0
159	Lahore Garrison University	159	4107	10676	Pakistan	Private	2010	69	0	0	0	1
160	Shifa International Hospital Islamabad	160	4135		Pakistan	Hospital	1987	17	0	0	0	0
161	Preston University	161	4137		Pakistan	Private	1984	13	0	0	0	2
162	Women University Multan	162	4299	11107	Pakistan	Public	2010	44	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%	in World	
163	Khushal Khan Khattak University	163	4314	11133	Pakistan	Public	2012	23	0	0	0	0
164	City University of Science & Information Technology Peshawar	164	4328	11167	Pakistan	Private	2001	35	0	0	0	0
165	Women University Swabi	165	4340	11195	Pakistan	Public	2015	16	0	0	0	1
166	Gift University	166	4364	11230	Pakistan	Private	2002	36	0	0	0	1
167	Shaheed Benazir Bhutto Women University	167	4368	11241	Pakistan	Public	2004	16	0	0	0	0
168	Habib University	168	4371	11250	Pakistan	Private	2014	23	0	0	0	0
169	University of Buner	169	4381	11273	Pakistan	Public	2012	14	0	0	0	0
170	Sir Syed University of Engineering & Technology	170	4402	11320	Pakistan	Private	1993	54	0	0	0	1
171	Jinnah University for Women	171	4439	11394	Pakistan	Private	1998	41	0	0	0	0
172	National Institutes of Health, Pakistan	172	4453	11432	Pakistan	Institution	1978	11	0	0	0	0
173	Women University of Azad Jammu and Kashmir	173	4601	11682	Pakistan	Public	2014	8	0	0	0	1
174	Central Cotton Research Institute	174	4622	11716	Pakistan	Institution	1976	9	0	0	0	0
175	National Institute of Cardiovascular Diseases	175	4645	11763	Pakistan	Institution	1963	7	0	0	0	1
176	Altamash Institute of Dental Medicine	176	4655	11786	Pakistan	Private	2001	12	0	0	0	0
177	Shaheed Zulfiqar Ali Bhutto Medical University Islamabad	177	4740	11938	Pakistan	Public	2013	13	0	0	0	0
178	NFC Institute of Engineering & Technology Multan	178	4758	11963	Pakistan	Institution	1985	21	0	0	0	0
179	Pakistan Institute of Engineering and Technology	179	4771	11991	Pakistan	Institution	2013	12	0	0	0	1
180	Shaheed Mohtarma Benazir Bhutto Medical University	180	4795	12032	Pakistan	Public	2008	15	0	0	0	0
181	Punjab Medical College	181	4883	12188	Pakistan	Public	1973	9	0	0	0	1
182	Liaquat College of Medicine & Dentistry	182	4903	12231	Pakistan	Private	2000	5	0	0	0	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000		Scientists in World Top 10%		I I
183	National Defence University, Pakistan	183	5030	12532	Pakistan	Public	1970	26	0	0	0	1
184	Combined Military Hospital Lahore Medical College	184	5065	12585	Pakistan	Hospital	2006	7	0	0	0	1
185	Bolan Medical College Quetta	185	5073	12593	Pakistan	Public	2017	19	0	0	0	0
186	Muslim Youth University	186	5129	12692	Pakistan	Private	2015	12	0	0	0	0
187	Peshawar Medical College	187	5133	12698	Pakistan	Private	1954	11	0	0	0	0
188	Salim Habib University	188	5173	12765	Pakistan	Private	2016	9	0	0	0	0
189	Usman Institute of Technology Hamdard University	189	5227	12874	Pakistan	Private	1994	16	0	0	0	0
190	Swedish College of Engineering & Technology Wah Cantt	190	5263	12940	Pakistan	Private	2009	5	0	0	0	1
191	Institute of Industrial Electronics Engineering	191	5265	12944	Pakistan	Public	1989	5	0	0	0	0
192	National College of Arts Lahore	192	5371	13150	Pakistan	Public	1875	3	0	0	0	0
193	Fauji Fertilizer Company	193	5381	13169	Pakistan	Company	1978	2	0	0	0	1
194	Government Postgraduate Jahanzeb College	194	5452	13338	Pakistan	Public	1952	1	0	0	0	0
195	Pakistan Air Force Karachi Institute of Economics & Technology	195	5566	13565	Pakistan	Institution	2001	22	0	0	0	0
196	Rawalpindi Medical University	196	5715	13815	Pakistan	Public	2017	20	0	0	0	0
197	Balochistan University of Engineering and Technology	197	5759	13881	Pakistan	Public	1994	12	0	0	0	0
198	Ayub Medical College	198	5818	14007	Pakistan	Public	1979	6	0	0	0	0
199	Begum Nusrat Bhutto Women University, Sukkur	199	5891	14121	Pakistan	Public	2018	71	0	0	0	0
200	University of Chitral	200	6015	14325	Pakistan	Public	2019	12	0	0	0	0
201	Wah Medical College	201	6027	14346	Pakistan	Private	2002	7	0	0	0	0
202	Nuclear Institute of Agriculture, Pakistan	202	6031	14352	Pakistan	Institution	1963	6	0	0	0	0
203	Karachi Medical and Dental College	203	6056	14400	Pakistan	Public	1991	10	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
204	Sardar Bahadur Khan Women's University	204	6090	14477	Pakistan	Public	2004	12	0	0	0	0
205	Qarshi University	205	6099	14492	Pakistan	Private	2011	9	0	0	0	0
206	Shaheed Benazir Bhutto University of Veterinary and Animal Sciences	206	6163		Pakistan	Public	2012	7	0	0	0	0
207	University of Narowal	207	6429	15078	Pakistan	Public	2014	15	0	0	0	0
208	Peoples University of Medical & Health Sciences for Women Shaheed Benazirabad	208	6441	15103	Pakistan	Public	1974	22	0	0	0	0
209	Center for Advance Studies In Engineering	209	6551	15288	Pakistan	Institution	2001	8	0	0	0	0
210	University of Technology Nowshera	210	6552	15293	Pakistan	Public	2016	8	0	0	0	0
211	Khadim Ali Shah Bukhari Institute of Technology	211	6613	15384	Pakistan	Private	1999	17	0	0	0	0
212	Greenwich University	212	6615	15387	Pakistan	Public	1987	16	0	0	0	0
213	Indus University Karachi	213	6623	15401	Pakistan	Private	2012	14	0	0	0	0
214	Muhammad Medical College	214	6702	15549	Pakistan	Private	1999	45	0	0	0	0
215	Iqra National University	215	6730	15583	Pakistan	Private	2010	18	0	0	0	0
216	Abdus Salam School of Mathematical Sciences GC University Lahore	216	6803	15719	Pakistan	Public	2003	7	0	0	0	0
217	Nur International University	217	6869	15856	Pakistan	Private	2015	3	0	0	0	0
218	Faisalabad Medical University	218	7003	16098	Pakistan	Public	1973	6	0	0	0	0
219	College of Physicians & Surgeons Pakistan	219	7031	16161	Pakistan	Public	2004	5	0	0	0	0
220	Services Institute of Medical Sciences Lahore	220	7037	16170	Pakistan	Institution	2003	4	0	0	0	0
221	Lahore College of Pharmaceutical Sciences	221	7090	16284	Pakistan	Private	1997	3	0	0	0	0
222	Akhtar Saeed Medical and Dental College	222	7182	16444	Pakistan	Public	2008	8	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		
223	Women University Mardan	223	7210	16500	Pakistan	Public	2016	6	0	0	0	0
224	Sir Syed CASE Institute of Technology	224	7252	16596	Pakistan	Private	2001	4	0	0	0	0
225	Imperial University Lahore	225	7255	16604	Pakistan	Private	1991	4	0	0	0	0
226	Independent Researcher Pakistan	226	7261	16614	Pakistan	Company	1968	4	0	0	0	0
227	Dadabhoy Institute of Higher Education Karachi	227	7279	16644	Pakistan	Public	2003	3	0	0	0	0
228	Multan Institute of Nuclear Medicine and Radiotherapy	228	7308	16703	Pakistan	Institution	2012	2	0	0	0	0
229	Lahore Medical Research Center	229	7364	16851	Pakistan	Private	2006	1	0	0	0	0
230	Karachi Institute of Technology and Entrepreneurship	230	7393	16928	Pakistan	Public	2012	1	0	0	0	0
231	Police Service of Pakistan	231	7413	16984	Pakistan	Institution	1948	1	0	0	0	0
232	Rawalpindi Women University	232	7533	17185	Pakistan	Public	2019	20	0	0	0	0
233	Lahore Medical & Dental College	233	7764	17474	Pakistan	Private	1997	14	0	0	0	0
234	Higher Education Commission of Pakistan	234	7867	17611	Pakistan	Public	2002	15	0	0	0	0
235	University of Loralai	235	8105	17962	Pakistan	Public	2013	8	0	0	0	0
236	Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs	236	8110	17968	Pakistan	Public	2012	8	0	0	0	0
237	Newports Institute of Communications and Economics	237	8176	18081	Pakistan	Private	1993	5	0	0	0	0
238	Sharif Medical and Dental College	238	8384	18381	Pakistan	Private	2007	9	0	0	0	0
239	Alhamd Islamic University	239	8453	18477	Pakistan	Private	1995	7	0	0	0	0
240	University of Home Economics Lahore	240	8457	18481	Pakistan	Public	1955	7	0	0	0	0
241	Green International University Lahore	241	8506	18567	Pakistan	Public	2014	6	0	0	0	0
242	Jinnah Madical & Dental College	242	8531	18610	Pakistan	Public	1998	5	0	0	0	0
243	Shaheed Zulfiqar Ali Bhutto University of Law	243	8581	18698	Pakistan	Public	2013	4	0	0	0	0
244	Sheikh Zayed Medical College	244	8601	18730	Pakistan	Public	2003	4	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists		in World	in World
245	Fatima Jinnah Dental College and Hospital	245	8616	18753	Pakistan	Private	1992	3	0	0	0	0
246	Women Medical College	246	8631	18779	Pakistan	Private	2000	3	0	0	0	0
247	National Bank of Pakistan	247	8863		Pakistan	Company	1949	9	0	0	0	0
248	Margalla Institute of Health Sciences	248	8915	19189	Pakistan	Private	1997	7	0	0	0	0
249	Balochistan Agriculture College Quetta	249	8962	19252	Pakistan	Public	1986	7	0	0	0	0
250	Shaikh Ayaz University Shikarpur Sindh	250	9058	19419	Pakistan	Public	2018	6	0	0	0	0
251	Government College of Science Wahdat Road Lahore	251	9151	19588	Pakistan	Public	1973	4	0	0	0	0
252	University of Sufism and Modern Science, Bhitshah	252	9218	19708	Pakistan	Public	2011	4	0	0	0	0
253	Saidu Medical College Swat	253	9276	19825	Pakistan	Public	1998	3	0	0	0	0
254	Gambat Institute of Medical Sciences	254	9293	19850	Pakistan	Public	2006	3	0	0	0	0
255	Barani Institute of Information Technology (BIIT)	255	9327	19904	Pakistan	Private	1998	3	0	0	0	0
256	Mari Petroleum Company Limited	256	9373	20002	Pakistan	Company	1984	2	0	0	0	0
257	Institute of Molecular Sciences and Bioinformatics	257	9391	20030	Pakistan	Private	2003	2	0	0	0	0
258	Muslim Commercial Bank Pakistan	258	9396	20039	Pakistan	Company	1947	2	0	0	0	0
259	Maroof International Hospital	259	9399	20042	Pakistan	Hospital	1969	2	0	0	0	0
260	Shalamar Medical and Dental College	260	9876	20895	Pakistan	Private	2009	7	0	0	0	0
261	Gandhara University	261	9905	20927	Pakistan	Public	2002	7	0	0	0	0
262	Allied Bank Limited	262	10217	21362	Pakistan	Company	1942	4	0	0	0	0
263	Hajvery University lahore	263	10279	21463	Pakistan	Private	2002	3	0	0	0	0
264	Pakistan Institute of Fashion and Design	264	10289	21475	Pakistan	Public	2006	3	0	0	0	0
265	Askari Bank	265	10375	21616	Pakistan	Company	1991	3	0	0	0	0
266	Pak Institute of Management and Computer Sciences	266	10424	21696	Pakistan	Institution	1987	2	0	0	0	0
267	Concordia College Kasur	267	10428	21702	Pakistan	Private	2008	2	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%	in World	Scientists in World Top 30%
268	National Defense University	268	10709	22192	Pakistan	Public	1976	1	0	0	0	0
269	Azgard-9 Ltd.	269	10730	22241	Pakistan	Company	1993	1	0	0	0	0
270	Emaan Institute of Management & Sciences Karachi	270	10805	22387	Pakistan	Institution	2015	1	0	0	0	0
271	Indus Valley School of Art and Architecture	271	10820	22421	Pakistan	Public	1989	1	0	0	0	0
272	Textile Institute of Pakistan	272	10824	22425	Pakistan	Institution	1994	1	0	0	0	0
273	Habib Bank Limited	273	10945	22650	Pakistan	Company	1941	1	0	0	0	0
274	National Institute of Child Health, Pakistan	274	11021	22794	Pakistan	Institution		1	0	0	0	0
275	Rahbar Medical and Dental College	275	11140	23007	Pakistan	Private	2012	1	0	0	0	0

Table III. All Universities in Pakistan top 20.000

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
1	University of Agriculture Faisalabad	1	127	690	Pakistan	Public	1961	403	7	33	79	121
2	Quaid-i-Azam University Islamabad	2	152	752	Pakistan	Public	1960	495	6	28	69	102
3	Government College University Faisalabad	3	207	932	Pakistan	Public	1897	286	4	18	53	85
4	Bahauddin Zakariya University	4	211	943	Pakistan	Public	1975	254	4	18	39	70
5	COMSATS University Islamabad	5	240	1008	Pakistan	Public	1998	487	6	16	39	77
6	Aga Khan University	6	294	1170	Pakistan	Private	1983	429	4	11	41	58
7	University of the Punjab	7	297	1177	Pakistan	Public	1882	383	1	11	33	64
8	National University of Sciences & Technology	8	314	1219	Pakistan	Public	1991	812	1	10	46	90
9	Abdul Wali Khan University Mardan	9	320	1239	Pakistan	Public	2009	251	3	10	28	46
10	International Islamic University Islamabad	10	410	1452	Pakistan	Public	1956	313	2	8	13	32
11	University of Agriculture Peshawar	11	460	1584	Pakistan	Public	1981	186	0	6	17	28
12	University of Management and Technology	12	467	1595	Pakistan	Private	1990	342	1	6	15	31
13	Islamia University Bahawalpur	13	485	1653	Pakistan	Public	1925	344	0	5	28	44
14	University of Arid Agriculture Rawalpindi	14	508	1702	Pakistan	Public	2013	132	0	5	16	30
15	University of Sindh	15	522	1735	Pakistan	Public	1947	287	2	5	13	18
16	Government College University Lahore	16	529	1747	Pakistan	Public	1864	142	1	5	12	18
17	University of Education, Lahore	17	548	1784	Pakistan	Public	2002	187	1	5	9	16
18	University of Sargodha	18	578	1845	Pakistan	Public	2002	167	0	4	16	35
19	Lahore University of Management Sciences	19	587	1863	Pakistan	Private	1985	291	0	4	14	25
20	University of Lahore	20	597	1881	Pakistan	Private	1999	356	2	4	13	27

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
21	Khwaja Fareed University of Engineering and Information Technology	21	606	1897	Pakistan	Public	2014	136	0	4	12	17
22	Hazara University	22	635	1962	Pakistan	Public	2002	111	0	4	8	19
23	University of Peshawar	23	684	2072	Pakistan	Public	1950	141	1	3	13	19
24	University of Karachi	24	689	2080	Pakistan	Public	1950	205	0	3	12	24
25	University of Swabi	25	770	2250	Pakistan	Public	2012	59	1	3	6	8
26	Gomal University Dera Ismail Khan	26	785	2277	Pakistan	Public	1974	66	1	3	5	6
27	University of Veterinary and Animal Sciences Lahore	27	843	2417	Pakistan	Public	1881	176	0	2	10	23
28	University of Engineering & Technology Lahore	28	848	2426	Pakistan	Public	1962	327	0	2	9	22
29	Kohat University of Science & Technology	29	856	2439	Pakistan	Public	2001	108	1	2	9	15
30	University of Malakand	30	894	2534	Pakistan	Public	2001	99	0	2	6	16
31	Bahria University	31	902	2557	Pakistan	Private	2000	270	0	2	6	9
32	Air University Islamabad	32	906	2563	Pakistan	Public	1969	199	0	2	6	9
33	University of Haripur	33	923	2611	Pakistan	Public	2012	84	1	2	5	8
34	Virtual University of Pakistan	34	961	2717	Pakistan	Public	2002	15	0	2	4	5
35	National College of Business Administration & Economics	35	965	2724	Pakistan	Private	1924	45	0	2	4	5
36	Shaheed Benazir Bhutto University	36	990	2782	Pakistan	Public	2009	50	0	2	3	3
37	Abasyn University	37	1023	2858	Pakistan	Private	2007	25	0	2	2	3
38	University of Faisalabad	38	1032	2873	Pakistan	Private	2002	21	0	2	2	2
39	University of Engineering & Technology Taxila	39	1065	2941	Pakistan	Public	1975	218	0	1	8	24
40	Superior University Lahore	40	1095	3005	Pakistan	Private	2000	185	1	1	7	8
41	University of Central Punjab	41	1107	3026	Pakistan	Private	2002	230	0	1	6	10
42	Riphah International University	42	1133	3083	Pakistan	Private	2002	209	0	1	5	12

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
43	Muhammad Nawaz Shareef University of Agriculture	43	1145	3108	Pakistan	Public	1978	77	0	1	5	9
44	Islamia College Peshawar	44	1150	3119	Pakistan	Public	1913	60	0	1	5	10
45	Capital University of Science & Technology	45	1152	3121	Pakistan	Private	1998	64	0	1	5	9
46	Information Technology University Lahore	46	1157	3138	Pakistan	Public	2012	107	0	1	5	7
47	University of Engineering & Technology Peshawar	47	1172	3167	Pakistan	Public	1952	230	0	1	4	10
48	Federal Urdu University of Arts Sciences and Technology FUUAST Karachi	48	1264	3375	Pakistan	Public	2002	80	0	1	3	4
49	University of Okara	49	1296	3430	Pakistan	Public	2016	60	0	1	3	4
50	Forman Christian College Lahore	50	1323	3504	Pakistan	Private	1946	80	0	1	2	8
51	Karakoram International University	51	1324	3505	Pakistan	Public	2002	87	0	1	2	3
52	Khyber Medical University	52	1334	3532	Pakistan	Public	2007	65	0	1	2	4
53	Shifa Tameer e Millat University	53	1344	3554	Pakistan	Private	2012	127	0	1	2	2
54	Health Services Academy	54	1366	3603	Pakistan	Public	1948	35	1	1	2	2
55	Cecos University	55	1401	3669	Pakistan	Private	1986	25	0	1	2	4
56	University of Sahiwal	56	1418	3703	Pakistan	Public	2005	35	0	1	2	3
57	Isra University	57	1512	3881	Pakistan	Private	1989	14	0	1	1	2
58	University of Balochistan	58	1525	3900	Pakistan	Public	1970	90	0	1	1	2
59	University of Lakki Marwat	59	1530	3911	Pakistan	Public	2017	22	0	1	1	2
60	Lasbela University of Agriculture, Water and Marine Sciences	60	1535	3917	Pakistan	Public	2005	35	0	1	1	3
61	University of Sialkot	61	1539	3926	Pakistan	Private	2018	64	1	1	1	1
62	Iqra University Karachi	62	1567	3977	Pakistan	Private	1998	113	0	1	1	2
63	Lahore Leads University	63	1624	4073	Pakistan	Private	2011	25	0	1	1	2
64	Institute of Southern Punjab Multan	64	1663	4134	Pakistan	Private	2010	17	0	1	1	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000				
65	Muhammad Nawaz Sharif University of Engineering and Techology	65	1674	4153	Pakistan	Public	2012	12	0	1	1	1
66	University of Wah	66	1686	4173	Pakistan	Private	2005	18	0	1	1	1
67	Northern University - Pakistan	67	1699	4198	Pakistan	Private	2002	6	0	1	1	1
68	University of South Asia, Lahore	68	1706	4210	Pakistan	Private	1987	9	0	1	1	1
69	University of Gujrat	69	1758	4300	Pakistan	Public	2003	175	0	0	15	28
70	Mehran University of Engineering & Technology	70	1770	4335	Pakistan	Public	1973	247	0	0	6	15
71	National Textile University Faisalabad	71	1782	4368	Pakistan	Public	1959	80	0	0	5	11
72	National University of Medical Sciences NUMS Pakistan	72	1789	4386	Pakistan	Public	1927	58	0	0	5	6
73	National University of Computer and Emerging Sciences	73	1795	4399	Pakistan	Private	2000	296	0	0	4	11
74	Dow University of Health Sciences Karachi	74	1801	4422	Pakistan	Public	1888	158	0	0	4	8
75	Ghazi University	75	1814	4450	Pakistan	Public	2012	58	0	0	4	7
76	Mirpur University of Science & Technology	76	1831	4496	Pakistan	Public	2008	100	0	0	3	10
77	University of Swat	77	1842	4534	Pakistan	Public	2010	56	0	0	3	7
78	University of Health Sciences Lahore	78	1871	4587	Pakistan	Public	1984	31	0	0	3	4
79	University of Poonch Rawalakot	79	1896	4637	Pakistan	Public	2013	51	0	0	2	7
80	University of Azad Jammu and Kashmir	80	1902	4647	Pakistan	Public	1973	76	0	0	2	6
81	University of Science & Technology Bannu	81	1974	4812	Pakistan	Public	2005	25	0	0	2	5
82	National University of Technology NUTECH Islamabad	82	2022	4905	Pakistan	Public	2018	45	0	0	2	3
83	Baqai Medical University	83	2030	4923	Pakistan	Private	1996	16	0	0	2	4
84	Sarhad University of Science & Information Technology	84	2043	4943	Pakistan	Private	2001	50	0	0	2	3
85	Jinnah Sindh Medical University	85	2052	4961	Pakistan	Public	2012	38	0	0	2	3

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Foundad	Scientists in Pakistan Top 20.000	Scientists			1
86	Mohammad Ali Jinnah University Karachi Campus	86	2058	4970	Pakistan	Private	1998	33	0	0	2	3
87	University of Mianwali	87	2068	4989	Pakistan	Public	2019	11	0	0	2	3
88	Balochistan University of Information Technology, Engineering and Management Sciences	88	2117	5101	Pakistan	Public	2002	152	0	0	1	6
89	Allama Iqbal Open University	89	2142	5171	Pakistan	Public	1974	51	0	0	1	4
90	Lahore College for Women University	90	2148	5187	Pakistan	Public	1922	121	0	0	1	3
91	Dawood University of Engineering & Technology	91	2204	5325	Pakistan	Public	1909	48	0	0	1	4
92	Lahore School of Economics	92	2218	5360	Pakistan	Private	1993	32	0	0	1	2
93	Fatima Jinnah Women University	93	2229	5385	Pakistan	Public	1998	75	0	0	1	1
94	National University of Modern Languages Islamabad	94	2288	5501	Pakistan	Public	1970	157	0	0	1	2
95	Kinnaird College for Women	95	2302	5531	Pakistan	Public	1913	41	0	0	1	2
96	University of Engineering & Technology UET Mardan	96	2334	5587	Pakistan	Public	1967	19	0	0	1	2
97	Benazir Bhutto Shaheed University Lyari	97	2336	5590	Pakistan	Public	2010	17	0	0	1	2
98	Federal Urdu University of Arts Sciences and Technology FUUAST Islamabad	98	2338	5596	Pakistan	Public	2002	11	0	0	1	2
99	King Edward Medical University	99	2342	5603	Pakistan	Public	1860	41	0	0	1	1
100	Abbottabad University of Science and Technology	100	2402	5713	Pakistan	Public	2015	26	0	0	1	1
101	University of Turbat	101	2435	5785	Pakistan	Public	2012	16	0	0	1	1
102	Sindh Madressatul Islam University, Karachi	102	2446	5804	Pakistan	Public	1885	42	0	0	1	2
103	University of the Punjab Gujranwala Campus	103	2453	5816	Pakistan	Public	1882	17	0	0	1	2
104	Beaconhouse National University	104	2461	5830	Pakistan	Private	2005	15	0	0	1	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		
105	ILMA University	105	2498	5904	Pakistan	Private	2001	17	0	0	1	2
106	Fatima Jinnah Medical University Lahore	106	2508	5916	Pakistan	Public	1948	10	0	0	1	1
107	University of Kotli Azad Jammu and Kashmir	107	2536	5967	Pakistan	Public	2014	32	0	0	1	1
108	Mohi-ud-Din Islamic University	108	2563	6020	Pakistan	Private	2000	16	0	0	1	1
109	Hamdard University	109	2625	6126	Pakistan	Private	1991	36	0	0	1	1
110	Shaikh Khalifa Bin Zayed Al Nahyan Medical & Dental College Lahore	110	2700	6256	Pakistan	Public	2009	8	0	0	1	1
111	Nazeer Hussain University	111	2713	6282	Pakistan	Private	2013	7	0	0	1	1
112	Karachi School for Business & Leadership	112	2733	6316	Pakistan	Private	2010	5	0	0	1	1
113	NED University of Engineering & Technology	113	2805	6451	Pakistan	Public	1921	208	0	0	0	2
114	Sindh Agriculture University	114	2811	6467	Pakistan	Public	1977	85	0	0	0	2
115	Institute of Management Sciences Peshawar	115	2886	6645	Pakistan	Public	2002	51	0	0	0	3
116	Government College for Women University Sialkot	116	2887	6648	Pakistan	Public	1982	28	0	0	0	0
117	Cholistan University of Veterinary and Animal Sciences Bahawalpur	117	2906	6680	Pakistan	Public	1961	34	0	0	0	3
118	Minhaj University Lahore	118	2918	6701	Pakistan	Private	1986	63	0	0	0	2
119	Government College Women University Faisalabad	119	2981	6812	Pakistan	Public	1983	50	0	0	0	0
120	Ziauddin University	120	2995	6842	Pakistan	Private	1995	81	0	0	0	1
121	Bacha Khan University	121	3025	6906	Pakistan	Public	2012	45	0	0	0	1
122	Qurtaba University of Science & Information Technology Dera Ismail Khan	122	3046		Pakistan	Private	2001	32	0	0	0	2
123	Kohsar University Murree	123	3074	7005	Pakistan	Public	2020	5	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000		Scientists in World Top 10%		
124	Government Sadiq College Women University Bahawalpur	124	3086	7024	Pakistan	Public	2013	15	0	0	0	0
125	Fata University	125	3095	7045	Pakistan	Public	2013	10	0	0	0	0
126	Quaid-e-Awam University of Engineering Science & Technology	126	3109	7067	Pakistan	Public	1974	129	0	0	0	0
127	Shah Abdul Latif University	127	3127	7097	Pakistan	Public	1987	38	0	0	0	0
128	GC University Lahore	128	3138	7119	Pakistan	Public	2003	32	0	0	0	0
129	Liaquat University of Medical and Health Sciences	129	3144	7130	Pakistan	Public	1881	35	0	0	0	0
130	Government College Women University, Sialkot	130	3151	7143	Pakistan	Public	2013	46	0	0	0	1
131	University of Jhang	131	3170	7183	Pakistan	Public	2015	14	0	0	0	2
132	Namal College Mianwali	132	3212	7269	Pakistan	Private	2008	17	0	0	0	1
133	University of Baltistan Skardu	133	3245	7324	Pakistan	Public	2017	22	0	0	0	0
134	DHA Suffa University	134	3256	7345	Pakistan	Private	2012	23	0	0	0	2
135	National Skills University	135	3293	7414	Pakistan	Public	2021	106	0	0	0	2
136	Allama Iqbal Medical College	136	3311	7460	Pakistan	Public	1975	14	0	0	0	0
137	Lahore Garrison University	137	3344	7513	Pakistan	Private	2010	69	0	0	0	1
138	Preston University	138	3371	7557	Pakistan	Private	1984	13	0	0	0	2
139	Women University Multan	139	3504	7828	Pakistan	Public	2010	44	0	0	0	0
140	Khushal Khan Khattak University	140	3518	7851	Pakistan	Public	2012	23	0	0	0	0
141	City University of Science & Information Technology Peshawar	141	3532	7884	Pakistan	Private	2001	35	0	0	0	0
142	Women University Swabi	142	3543	7908	Pakistan	Public	2015	16	0	0	0	1
143	Gift University	143	3566	7939	Pakistan	Private	2002	36	0	0	0	1
144	Shaheed Benazir Bhutto Women University	144	3570	7950	Pakistan	Public	2004	16	0	0	0	0
145	Habib University	145	3573	7958	Pakistan	Private	2014	23	0	0	0	0
146	University of Buner	146	3583	7979	Pakistan	Public	2012	14	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
147	Sir Syed University of Engineering & Technology	147	3602	8014	Pakistan	Private	1993	54	0	0	0	1
148	Jinnah University for Women	148	3636	8083	Pakistan	Private	1998	41	0	0	0	0
149	Women University of Azad Jammu and Kashmir	149	3789	8329	Pakistan	Public	2014	8	0	0	0	1
150	Altamash Institute of Dental Medicine	150	3838	8412	Pakistan	Private	2001	12	0	0	0	0
151	Shaheed Zulfiqar Ali Bhutto Medical University Islamabad	151	3916	8523	Pakistan	Public	2013	13	0	0	0	0
152	Shaheed Mohtarma Benazir Bhutto Medical University	152	3968	8611	Pakistan	Public	2008	15	0	0	0	0
153	Punjab Medical College	153	4046	8746	Pakistan	Public	1973	9	0	0	0	1
154	Liaquat College of Medicine & Dentistry	154	4065	8784	Pakistan	Private	2000	5	0	0	0	1
155	National Defence University, Pakistan	155	4166	8985	Pakistan	Public	1970	26	0	0	0	1
156	Bolan Medical College Quetta	156	4207	9043	Pakistan	Public	2017	19	0	0	0	0
157	Muslim Youth University	157	4262	9136	Pakistan	Private	2015	12	0	0	0	0
158	Peshawar Medical College	158	4266	9142	Pakistan	Private	1954	11	0	0	0	0
159	Salim Habib University	159	4303	9204	Pakistan	Private	2016	9	0	0	0	0
160	Usman Institute of Technology Hamdard University	160	4352	9299	Pakistan	Private	1994	16	0	0	0	0
161	Swedish College of Engineering & Technology Wah Cantt	161	4388	9362	Pakistan	Private	2009	5	0	0	0	1
162	Institute of Industrial Electronics Engineering	162	4390	9366	Pakistan	Public	1989	5	0	0	0	0
163	National College of Arts Lahore	163	4474	9521	Pakistan	Public	1875	3	0	0	0	0
164	Government Postgraduate Jahanzeb College	164	4534	9629	Pakistan	Public	1952	1	0	0	0	0
165	Rawalpindi Medical University	165	4764	9997	Pakistan	Public	2017	20	0	0	0	0
166	Balochistan University of Engineering and Technology	166	4804	10056	Pakistan	Public	1994	12	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists			
167	Ayub Medical College	167	4855	10165	Pakistan	Public	1979	6	0	0	0	0
168	Begum Nusrat Bhutto Women University, Sukkur	168	4922	10259	Pakistan	Public	2018	71	0	0	0	0
169	3	169	5040	10449	Pakistan	Public	2019	12	0	0	0	0
170	Wah Medical College	170	5051	10466	Pakistan	Private	2002	7	0	0	0	0
171	Karachi Medical and Dental College	171	5079	10517	Pakistan	Public	1991	10	0	0	0	0
172	Sardar Bahadur Khan Women's University	172	5112	10587	Pakistan	Public	2004	12	0	0	0	0
173	Qarshi University	173	5120	10601	Pakistan	Private	2011	9	0	0	0	0
174	Shaheed Benazir Bhutto University of Veterinary and Animal Sciences	174	5181	10705	Pakistan	Public	2012	7	0	0	0	0
175	University of Narowal	175	5432	11100	Pakistan	Public	2014	15	0	0	0	0
176	Peoples University of Medical & Health Sciences for Women Shaheed Benazirabad	176	5443	11123	Pakistan	Public	1974	22	0	0	0	0
177	University of Technology Nowshera	177	5548	11298	Pakistan	Public	2016	8	0	0	0	0
178	Khadim Ali Shah Bukhari Institute of Technology	178	5603	11374	Pakistan	Private	1999	17	0	0	0	0
179	Greenwich University	179	5605	11377	Pakistan	Public	1987	16	0	0	0	0
180	Indus University Karachi	180	5613	11391	Pakistan	Private	2012	14	0	0	0	0
181	Muhammad Medical College	181	5686	11511	Pakistan	Private	1999	45	0	0	0	0
182	Iqra National University	182	5713	11544	Pakistan	Private	2010	18	0	0	0	0
183	Abdus Salam School of Mathematical Sciences GC University Lahore	183	5782	11674	Pakistan	Public	2003	7	0	0	0	0
184	Nur International University	184	5842	11789	Pakistan	Private	2015	3	0	0	0	0
185	Faisalabad Medical University	185	5967	12003	Pakistan	Public	1973	6	0	0	0	0
186	College of Physicians & Surgeons Pakistan	186	5995	12065	Pakistan	Public	2004	5	0	0	0	0
187	Lahore College of Pharmaceutical Sciences	187	6049	12171	Pakistan	Private	1997	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%		
188	Akhtar Saeed Medical and Dental College	188	6115	12269	Pakistan	Public	2008	8	0	0	0	0
189	Women University Mardan	189	6143	12323	Pakistan	Public	2016	6	0	0	0	0
190	Sir Syed CASE Institute of Technology	190	6182		Pakistan	Private	2001	4	0	0	0	0
191	Imperial University Lahore	191	6185	12419	Pakistan	Private	1991	4	0	0	0	0
192	Dadabhoy Institute of Higher Education Karachi	192	6206	12454	Pakistan	Public	2003	3	0	0	0	0
193	Lahore Medical Research Center	193	6272	12587	Pakistan	Private	2006	1	0	0	0	0
194	Karachi Institute of Technology and Entrepreneurship	194	6285	12619	Pakistan	Public	2012	1	0	0	0	0
195	Rawalpindi Women University	195	6395	12769	Pakistan	Public	2019	20	0	0	0	0
196	Lahore Medical & Dental College	196	6619	13044	Pakistan	Private	1997	14	0	0	0	0
197	Higher Education Commission of Pakistan	197	6720	13175	Pakistan	Public	2002	15	0	0	0	0
198	University of Loralai	198	6951	13505	Pakistan	Public	2013	8	0	0	0	0
199	Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs	199	6956	13511	Pakistan	Public	2012	8	0	0	0	0
200	Newports Institute of Communications and Economics	200	7017	13615	Pakistan	Private	1993	5	0	0	0	0
201	Sharif Medical and Dental College	201	7215	13890	Pakistan	Private	2007	9	0	0	0	0
202	Alhamd Islamic University	202	7282	13983	Pakistan	Private	1995	7	0	0	0	0
203	University of Home Economics Lahore	203	7286	13987	Pakistan	Public	1955	7	0	0	0	0
204	Green International University Lahore	204	7331		Pakistan	Public	2014	6	0	0	0	0
205	Jinnah Madical & Dental College	205	7356	14111	Pakistan	Public	1998	5	0	0	0	0
206	Shaheed Zulfiqar Ali Bhutto University of Law	206	7403	14191	Pakistan	Public	2013	4	0	0	0	0
207	Sheikh Zayed Medical College	207	7422	14221	Pakistan	Public	2003	4	0	0	0	0
208	Fatima Jinnah Dental College and Hospital	208	7435	14240	Pakistan	Private	1992	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
209	Women Medical College	209	7448	14262	Pakistan	Private	2000	3	0	0	0	0
210	Margalla Institute of Health Sciences	210	7714	14615	Pakistan	Private	1997	7	0	0	0	0
211	Balochistan Agriculture College Quetta	211	7760	14677	Pakistan	Public	1986	7	0	0	0	0
212	Shaikh Ayaz University Shikarpur Sindh	212	7856	14842	Pakistan	Public	2018	6	0	0	0	0
213	Government College of Science Wahdat Road Lahore	213	7942	15001	Pakistan	Public	1973	4	0	0	0	0
214	University of Sufism and Modern Science, Bhitshah	214	8008	15116	Pakistan	Public	2011	4	0	0	0	0
215	Saidu Medical College Swat	215	8063	15224	Pakistan	Public	1998	3	0	0	0	0
216	Gambat Institute of Medical Sciences	216	8080	15247	Pakistan	Public	2006	3	0	0	0	0
217	Barani Institute of Information Technology (BIIT)	217	8113	15295	Pakistan	Private	1998	3	0	0	0	0
218	Institute of Molecular Sciences and Bioinformatics	218	8164	15386	Pakistan	Private	2003	2	0	0	0	0
219	Shalamar Medical and Dental College	219	8552	15954	Pakistan	Private	2009	7	0	0	0	0
220	Gandhara University	220	8581	15986	Pakistan	Public	2002	7	0	0	0	0
221	Hajvery University lahore	221	8941	16495	Pakistan	Private	2002	3	0	0	0	0
222	Pakistan Institute of Fashion and Design	222	8951	16507	Pakistan	Public	2006	3	0	0	0	0
223	Concordia College Kasur	223	9082	16715	Pakistan	Private	2008	2	0	0	0	0
224	National Defense University	224	9330	17132	Pakistan	Public	1976	1	0	0	0	0
225	Indus Valley School of Art and Architecture	225	9411	17277	Pakistan	Public	1989	1	0	0	0	0
226	Rahbar Medical and Dental College	226	9674	17739	Pakistan	Private	2012	1	0	0	0	0

Table IV. Public Universities in Pakistan top 20.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	University of Agriculture Faisalabad	1	112	613	Pakistan	1961	403	7	33	79	121
2	Quaid-i-Azam University Islamabad	2	132	666	Pakistan	1960	495	6	28	69	102
3	Government College University Faisalabad	3	173	811	Pakistan	1897	286	4	18	53	85
4	Bahauddin Zakariya University	4	177	821	Pakistan	1975	254	4	18	39	70
5	COMSATS University Islamabad	5	204	880	Pakistan	1998	487	6	16	39	77
6	University of the Punjab	6	250	1020	Pakistan	1882	383	1	11	33	64
7	National University of Sciences & Technology	7	266	1054	Pakistan	1991	812	1	10	46	90
8	Abdul Wali Khan University Mardan	8	271	1071	Pakistan	2009	251	3	10	28	46
9	International Islamic University Islamabad	9	336	1235	Pakistan	1956	313	2	8	13	32
10	University of Agriculture Peshawar	10	378	1332	Pakistan	1981	186	0	6	17	28
11	Islamia University Bahawalpur	11	393	1386	Pakistan	1925	344	0	5	28	44
12	University of Arid Agriculture Rawalpindi	12	412	1427	Pakistan	2013	132	0	5	16	30
13	University of Sindh	13	421	1449	Pakistan	1947	287	2	5	13	18
14	Government College University Lahore	14	427	1459	Pakistan	1864	142	1	5	12	18
15	University of Education, Lahore	15	443	1485	Pakistan	2002	187	1	5	9	16
16	University of Sargodha	16	468	1537	Pakistan	2002	167	0	4	16	35
17	Khwaja Fareed University of Engineering and Information Technology	17	485	1575	Pakistan	2014	136	0	4	12	17
18	Hazara University	18	506	1622	Pakistan	2002	111	0	4	8	19
19	University of Peshawar	19	544	1701	Pakistan	1950	141	1	3	13	19
20	University of Karachi	20	549	1709	Pakistan	1950	205	0	3	12	24
21	University of Swabi	21	604	1832	Pakistan	2012	59	1	3	6	8

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	in World	Scientists in World Top 30%
22	Gomal University Dera Ismail Khan	22	615	1849	Pakistan	1974	66	1	3	5	6
23	University of Veterinary and Animal Sciences Lahore	23	655	1952	Pakistan	1881	176	0	2	10	23
24	University of Engineering & Technology Lahore	24	660	1959	Pakistan	1962	327	0	2	9	22
25	Kohat University of Science & Technology	25	665	1968	Pakistan	2001	108	1	2	9	15
26	University of Malakand	26	691	2032	Pakistan	2001	99	0	2	6	16
27	Air University Islamabad	27	698	2049	Pakistan	1969	199	0	2	6	9
28	University of Haripur	28	710	2082	Pakistan	2012	84	1	2	5	8
29	Virtual University of Pakistan	29	735	2151	Pakistan	2002	15	0	2	4	5
30	Shaheed Benazir Bhutto University	30	754	2194	Pakistan	2009	50	0	2	3	3
31	University of Engineering & Technology Taxila	31	796	2292	Pakistan	1975	218	0	1	8	24
32	Muhammad Nawaz Shareef University of Agriculture	32	850	2409	Pakistan	1978	77	0	1	5	9
33	Islamia College Peshawar	33	854	2418	Pakistan	1913	60	0	1	5	10
34	Information Technology University Lahore	34	860	2432	Pakistan	2012	107	0	1	5	7
35	University of Engineering & Technology Peshawar	35	873	2455	Pakistan	1952	230	0	1	4	10
36	Federal Urdu University of Arts Sciences and Technology FUUAST Karachi	36	932	2596	Pakistan	2002	80	0	1	3	4
37	University of Okara	37	951	2629	Pakistan	2016	60	0	1	3	4
38	Karakoram International University	38	970	2679	Pakistan	2002	87	0	1	2	3
39	Khyber Medical University	39	977	2699	Pakistan	2007	65	0	1	2	4
40	Health Services Academy	40	993	2737	Pakistan	1948	35	1	1	2	2
41	University of Sahiwal	41	1025	2793	Pakistan	2005	35	0	1	2	3
42	University of Balochistan	42	1083	2908	Pakistan	1970	90	0	1	1	2

#	University	Country Rank	Region Rank	World Rank	Country		Scientists in Pakistan Top 20.000		Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
43	University of Lakki Marwat	43	1087	2914	Pakistan	2017	22	0	1	1	2
44	Lasbela University of Agriculture, Water and Marine Sciences	44	1089	2917	Pakistan	2005	35	0	1	1	3
45	Muhammad Nawaz Sharif University of Engineering and Techology	45	1149	3039	Pakistan	2012	12	0	1	1	1
46	University of Gujrat	46	1179	3102	Pakistan	2003	175	0	0	15	28
47	Mehran University of Engineering & Technology	47	1190	3134	Pakistan	1973	247	0	0	6	15
48	National Textile University Faisalabad	48	1198	3158	Pakistan	1959	80	0	0	5	11
49	National University of Medical Sciences NUMS Pakistan	49	1203	3170	Pakistan	1927	58	0	0	5	6
50	Dow University of Health Sciences Karachi	50	1210	3196	Pakistan	1888	158	0	0	4	8
51	Ghazi University	51	1221	3218	Pakistan	2012	58	0	0	4	7
52	Mirpur University of Science & Technology	52	1231	3250	Pakistan	2008	100	0	0	3	10
53	University of Swat	53	1239	3273	Pakistan	2010	56	0	0	3	7
54	University of Health Sciences Lahore	54	1255	3307	Pakistan	1984	31	0	0	3	4
55	University of Poonch Rawalakot	55	1269	3337	Pakistan	2013	51	0	0	2	7
56	University of Azad Jammu and Kashmir	56	1273	3344	Pakistan	1973	76	0	0	2	6
57	University of Science & Technology Bannu	57	1311	3448	Pakistan	2005	25	0	0	2	5
58	National University of Technology NUTECH Islamabad	58	1339	3504	Pakistan	2018	45	0	0	2	3
59	Jinnah Sindh Medical University	59	1358	3535	Pakistan	2012	38	0	0	2	3
60	University of Mianwali	60	1367	3548	Pakistan	2019	11	0	0	2	3

#	University	Country Rank	Region Rank	World Rank	Country		Scientists in Pakistan Top 20.000		Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
61	Balochistan University of Information Technology, Engineering and Management Sciences	61	1393	3615	Pakistan	2002	152	0	0	1	6
62	Allama Iqbal Open University	62	1407	3662	Pakistan	1974	51	0	0	1	4
63	Lahore College for Women University	63	1411	3674	Pakistan	1922	121	0	0	1	3
64	Dawood University of Engineering & Technology	64	1445	3768	Pakistan	1909	48	0	0	1	4
65	Fatima Jinnah Women University	65	1458	3807	Pakistan	1998	75	0	0	1	1
66	National University of Modern Languages Islamabad	66	1491	3876	Pakistan	1970	157	0	0	1	2
67	Kinnaird College for Women	67	1500	3896	Pakistan	1913	41	0	0	1	2
68	University of Engineering & Technology UET Mardan	68	1514	3922	Pakistan	1967	19	0	0	1	2
69	Benazir Bhutto Shaheed University Lyari	69	1515	3924	Pakistan	2010	17	0	0	1	2
70	Federal Urdu University of Arts Sciences and Technology FUUAST Islamabad	70	1516	3928	Pakistan	2002	11	0	0	1	2
71	King Edward Medical University	71	1519	3933	Pakistan	1860	41	0	0	1	1
72	Abbottabad University of Science and Technology	72	1552	3993	Pakistan	2015	26	0	0	1	1
73	University of Turbat	73	1562	4026	Pakistan	2012	16	0	0	1	1
74	Sindh Madressatul Islam University, Karachi	74	1566	4035	Pakistan	1885	42	0	0	1	2
75	University of the Punjab Gujranwala Campus	75	1569	4042	Pakistan	1882	17	0	0	1	2
76	Fatima Jinnah Medical University Lahore	76	1593	4087	Pakistan	1948	10	0	0	1	1
77	University of Kotli Azad Jammu and Kashmir	77	1603	4110	Pakistan	2014	32	0	0	1	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	in World	Scientists in World Top 30%
78	Shaikh Khalifa Bin Zayed Al Nahyan Medical & Dental College Lahore	78	1665	4231	Pakistan	2009	8	0	0	1	1
79	NED University of Engineering & Technology	79	1704	4326	Pakistan	1921	208	0	0	0	2
80	Sindh Agriculture University	80	1708	4339	Pakistan	1977	85	0	0	0	2
81	Institute of Management Sciences Peshawar	81	1746	4451	Pakistan	2002	51	0	0	0	3
82	Government College for Women University Sialkot	82	1747	4453	Pakistan	1982	28	0	0	0	0
83	Cholistan University of Veterinary and Animal Sciences Bahawalpur	83	1760	4475	Pakistan	1961	34	0	0	0	3
84	Government College Women University Faisalabad	84	1796	4549	Pakistan	1983	50	0	0	0	0
85	Bacha Khan University	85	1815	4601	Pakistan	2012	45	0	0	0	1
86	Kohsar University Murree	86	1842	4653	Pakistan	2020	5	0	0	0	0
87	Government Sadiq College Women University Bahawalpur	87	1848	4663	Pakistan	2013	15	0	0	0	0
88	Fata University	88	1856	4678	Pakistan	2013	10	0	0	0	0
89	Quaid-e-Awam University of Engineering Science & Technology	89	1865	4689	Pakistan	1974	129	0	0	0	0
90	Shah Abdul Latif University	90	1877	4710	Pakistan	1987	38	0	0	0	0
91	GC University Lahore	91	1884	4724	Pakistan	2003	32	0	0	0	0
92	Liaquat University of Medical and Health Sciences	92	1886	4729	Pakistan	1881	35	0	0	0	0
93	Government College Women University, Sialkot	93	1891	4740	Pakistan	2013	46	0	0	0	1
94	University of Jhang	94	1902	4765	Pakistan	2015	14	0	0	0	2
95	University of Baltistan Skardu	95	1936	4839	Pakistan	2017	22	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	in World	Scientists in World Top 30%
96	National Skills University	96	1959	4880	Pakistan	2021	106	0	0	0	2
97	Allama Iqbal Medical College	97	1963	4900	Pakistan	1975	14	0	0	0	0
98	Women University Multan	98	2057	5102	Pakistan	2010	44	0	0	0	0
99	Khushal Khan Khattak University	99	2063	5112	Pakistan	2012	23	0	0	0	0
100	Women University Swabi	100	2076	5148	Pakistan	2015	16	0	0	0	1
101	Shaheed Benazir Bhutto Women University	101	2091	5176	Pakistan	2004	16	0	0	0	0
102	University of Buner	102	2096	5190	Pakistan	2012	14	0	0	0	0
103	Women University of Azad Jammu and Kashmir	103	2195	5372	Pakistan	2014	8	0	0	0	1
104	Shaheed Zulfiqar Ali Bhutto Medical University Islamabad	104	2259	5483	Pakistan	2013	13	0	0	0	0
105	Shaheed Mohtarma Benazir Bhutto Medical University	105	2277	5524	Pakistan	2008	15	0	0	0	0
106	Punjab Medical College	106	2312	5588	Pakistan	1973	9	0	0	0	1
107	National Defence University, Pakistan	107	2372	5708	Pakistan	1970	26	0	0	0	1
108	Bolan Medical College Quetta	108	2383	5731	Pakistan	2017	19	0	0	0	0
109	Institute of Industrial Electronics Engineering	109	2457	5871	Pakistan	1989	5	0	0	0	0
110	National College of Arts Lahore	110	2498	5941	Pakistan	1875	3	0	0	0	0
111	Government Postgraduate Jahanzeb College	111	2525	5994	Pakistan	1952	1	0	0	0	0
112	Rawalpindi Medical University	112	2624	6174	Pakistan	2017	20	0	0	0	0
113	Balochistan University of Engineering and Technology	113	2643	6208	Pakistan	1994	12	0	0	0	0
114	Ayub Medical College	114	2674	6268	Pakistan	1979	6	0	0	0	0
115	Begum Nusrat Bhutto Women University, Sukkur	115	2704	6319	Pakistan	2018	71	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
116	University of Chitral	116	2753	6402	Pakistan	2019	12	0	0	0	0
117	Karachi Medical and Dental College	117	2766	6430	Pakistan	1991	10	0	0	0	0
118	Sardar Bahadur Khan Women's University	118	2783	6466	Pakistan	2004	12	0	0	0	0
119	Shaheed Benazir Bhutto University of Veterinary and Animal Sciences	119	2819	6526	Pakistan	2012	7	0	0	0	0
120	University of Narowal	120	2930	6721	Pakistan	2014	15	0	0	0	0
121	Peoples University of Medical & Health Sciences for Women Shaheed Benazirabad	121	2934	6728	Pakistan	1974	22	0	0	0	0
122	University of Technology Nowshera	122	2973	6806	Pakistan	2016	8	0	0	0	0
123	Greenwich University	123	3000	6846	Pakistan	1987	16	0	0	0	0
124	Abdus Salam School of Mathematical Sciences GC University Lahore	124	3079	6989	Pakistan	2003	7	0	0	0	0
125	Faisalabad Medical University	125	3164	7146	Pakistan	1973	6	0	0	0	0
126	College of Physicians & Surgeons Pakistan	126	3173	7173	Pakistan	2004	5	0	0	0	0
127	Akhtar Saeed Medical and Dental College	127	3225	7271	Pakistan	2008	8	0	0	0	0
128	Women University Mardan	128	3238	7294	Pakistan	2016	6	0	0	0	0
129	Dadabhoy Institute of Higher Education Karachi	129	3259	7346	Pakistan	2003	3	0	0	0	0
130	Karachi Institute of Technology and Entrepreneurship	130	3294	7424	Pakistan	2012	1	0	0	0	0
131	Rawalpindi Women University	131	3342	7489	Pakistan	2019	20	0	0	0	0
132	Higher Education Commission of Pakistan	132	3455	7647	Pakistan	2002	15	0	0	0	0
133	University of Loralai	133	3545	7790	Pakistan	2013	8	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country		Scientists in Pakistan Top 20.000		Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
134	Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs	134	3548	7794	Pakistan	2012	8	0	0	0	0
135	University of Home Economics Lahore	135	3671	7991	Pakistan	1955	7	0	0	0	0
136	Green International University Lahore	136	3691	8029	Pakistan	2014	6	0	0	0	0
137	Jinnah Madical & Dental College	137	3700	8048	Pakistan	1998	5	0	0	0	0
138	Shaheed Zulfiqar Ali Bhutto University of Law	138	3725	8085	Pakistan	2013	4	0	0	0	0
139	Sheikh Zayed Medical College	139	3730	8094	Pakistan	2003	4	0	0	0	0
140	Balochistan Agriculture College Quetta	140	3850	8279	Pakistan	1986	7	0	0	0	0
141	Shaikh Ayaz University Shikarpur Sindh	141	3888	8359	Pakistan	2018	6	0	0	0	0
142	Government College of Science Wahdat Road Lahore	142	3922	8431	Pakistan	1973	4	0	0	0	0
143	University of Sufism and Modern Science, Bhitshah	143	3953	8487	Pakistan	2011	4	0	0	0	0
144	Saidu Medical College Swat	144	3972	8538	Pakistan	1998	3	0	0	0	0
145	Gambat Institute of Medical Sciences	145	3982	8551	Pakistan	2006	3	0	0	0	0
146	Gandhara University	146	4200	8903	Pakistan	2002	7	0	0	0	0
147	Pakistan Institute of Fashion and Design	147	4361	9145	Pakistan	2006	3	0	0	0	0
148	National Defense University	148	4539	9437	Pakistan	1976	1	0	0	0	0
149	Indus Valley School of Art and Architecture	149	4572	9506	Pakistan	1989	1	0	0	0	0

Table V. Private Universities in Pakistan top 20.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Aga Khan University	1	47	157	Pakistan	1983	429	4	11	41	58
2	University of Management and Technology	2	84	255	Pakistan	1990	342	1	6	15	31
3	Lahore University of Management Sciences	3	113	312	Pakistan	1985	291	0	4	14	25
4	University of Lahore	4	118	319	Pakistan	1999	356	2	4	13	27
5	Bahria University	5	206	511	Pakistan	2000	270	0	2	6	9
6	National College of Business Administration & Economics	6	228	568	Pakistan	1924	45	0	2	4	5
7	Abasyn University	7	251	618	Pakistan	2007	25	0	2	2	3
8	University of Faisalabad	8	255	623	Pakistan	2002	21	0	2	2	2
9	Superior University Lahore	9	277	665	Pakistan	2000	185	1	1	7	8
10	University of Central Punjab	10	282	674	Pakistan	2002	230	0	1	6	10
11	Riphah International University	11	292	691	Pakistan	2002	209	0	1	5	12
12	Capital University of Science & Technology	12	297	702	Pakistan	1998	64	0	1	5	9
13	Forman Christian College Lahore	13	354	826	Pakistan	1946	80	0	1	2	8
14	Shifa Tameer e Millat University	14	363	844	Pakistan	2012	127	0	1	2	2
15	Cecos University	15	387	896	Pakistan	1986	25	0	1	2	4
16	Isra University	16	436	984	Pakistan	1989	14	0	1	1	2
17	University of Sialkot	17	448	1003	Pakistan	2018	64	1	1	1	1
18	Iqra University Karachi	18	465	1025	Pakistan	1998	113	0	1	1	2
19	Lahore Leads University	19	497	1075	Pakistan	2011	25	0	1	1	2

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
20	Institute of Southern Punjab Multan	20	520	1107	Pakistan	2010	17	0	1	1	1
21	University of Wah	21	533	1128	Pakistan	2005	18	0	1	1	1
22	Northern University - Pakistan	22	545	1144	Pakistan	2002	6	0	1	1	1
23	University of South Asia, Lahore	23	548	1152	Pakistan	1987	9	0	1	1	1
24	National University of Computer and Emerging Sciences	24	588	1218	Pakistan	2000	296	0	0	4	11
25	Baqai Medical University	25	687	1412	Pakistan	1996	16	0	0	2	4
26	Sarhad University of Science & Information Technology	26	689	1417	Pakistan	2001	50	0	0	2	3
27	Mohammad Ali Jinnah University Karachi Campus	27	697	1430	Pakistan	1998	33	0	0	2	3
28	Lahore School of Economics	28	768	1572	Pakistan	1993	32	0	0	1	2
29	Beaconhouse National University	29	888	1780	Pakistan	2005	15	0	0	1	1
30	ILMA University	30	911	1824	Pakistan	2001	17	0	0	1	2
31	Mohi-ud-Din Islamic University	31	950	1883	Pakistan	2000	16	0	0	1	1
32	Hamdard University	32	989	1943	Pakistan	1991	36	0	0	1	1
33	Nazeer Hussain University	33	1046	2041	Pakistan	2013	7	0	0	1	1
34	Karachi School for Business & Leadership	34	1059	2062	Pakistan	2010	5	0	0	1	1
35	Minhaj University Lahore	35	1151	2213	Pakistan	1986	63	0	0	0	2
36	Ziauddin University	36	1191	2274	Pakistan	1995	81	0	0	0	1
37	Qurtaba University of Science & Information Technology Dera Ismail Khan	37	1222	2327	Pakistan	2001	32	0	0	0	2
38	Namal College Mianwali	38	1295	2463	Pakistan	2008	17	0	0	0	1
39	DHA Suffa University	39	1315	2499	Pakistan	2012	23	0	0	0	2

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
40	Lahore Garrison University	40	1361	2584	Pakistan	2010	69	0	0	0	1
41	Preston University	41	1378	2604	Pakistan	1984	13	0	0	0	2
42	City University of Science & Information Technology Peshawar	42	1462	2751	Pakistan	2001	35	0	0	0	0
43	Gift University	43	1478	2771	Pakistan	2002	36	0	0	0	1
44	Habib University	44	1481	2778	Pakistan	2014	23	0	0	0	0
45	Sir Syed University of Engineering & Technology	45	1500	2809	Pakistan	1993	54	0	0	0	1
46	Jinnah University for Women	46	1518	2840	Pakistan	1998	41	0	0	0	0
47	Altamash Institute of Dental Medicine	47	1618	2993	Pakistan	2001	12	0	0	0	0
48	Liaquat College of Medicine & Dentistry	48	1742	3175	Pakistan	2000	5	0	0	0	1
49	Muslim Youth University	49	1852	3368	Pakistan	2015	12	0	0	0	0
50	Peshawar Medical College	50	1854	3372	Pakistan	1954	11	0	0	0	0
51	Salim Habib University	51	1879	3407	Pakistan	2016	9	0	0	0	0
52	Usman Institute of Technology Hamdard University	52	1910	3459	Pakistan	1994	16	0	0	0	0
53	Swedish College of Engineering & Technology Wah Cantt	53	1932	3494	Pakistan	2009	5	0	0	0	1
54	Wah Medical College	54	2294	4058	Pakistan	2002	7	0	0	0	0
55	Qarshi University	55	2334	4129	Pakistan	2011	9	0	0	0	0
56	Khadim Ali Shah Bukhari Institute of Technology	56	2604	4529	Pakistan	1999	17	0	0	0	0
57	Indus University Karachi	57	2610	4536	Pakistan	2012	14	0	0	0	0
58	Muhammad Medical College	58	2649	4599	Pakistan	1999	45	0	0	0	0
59	Iqra National University	59	2666	4619	Pakistan	2010	18	0	0	0	0
60	Nur International University	60	2732	4742	Pakistan	2015	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
61	Lahore College of Pharmaceutical Sciences	61	2854	4951	Pakistan	1997	3	0	0	0	0
62	Sir Syed CASE Institute of Technology	62	2932	5086	Pakistan	2001	4	0	0	0	0
63	Imperial University Lahore	63	2935	5092	Pakistan	1991	4	0	0	0	0
64	Lahore Medical Research Center	64	2986	5179	Pakistan	2006	1	0	0	0	0
65	Lahore Medical & Dental College	65	3197	5447	Pakistan	1997	14	0	0	0	0
66	Newports Institute of Communications and Economics	66	3436	5766	Pakistan	1993	5	0	0	0	0
67	Sharif Medical and Dental College	67	3569	5938	Pakistan	2007	9	0	0	0	0
68	Alhamd Islamic University	68	3613	5994	Pakistan	1995	7	0	0	0	0
69	Fatima Jinnah Dental College and Hospital	69	3698	6135	Pakistan	1992	3	0	0	0	0
70	Women Medical College	70	3709	6149	Pakistan	2000	3	0	0	0	0
71	Margalla Institute of Health Sciences	71	3884	6365	Pakistan	1997	7	0	0	0	0
72	Barani Institute of Information Technology (BIIT)	72	4118	6723	Pakistan	1998	3	0	0	0	0
73	Institute of Molecular Sciences and Bioinformatics	73	4154	6774	Pakistan	2003	2	0	0	0	0
74	Shalamar Medical and Dental College	74	4359	7059	Pakistan	2009	7	0	0	0	0
75	Hajvery University lahore	75	4586	7357	Pakistan	2002	3	0	0	0	0
76	Concordia College Kasur	76	4667	7478	Pakistan	2008	2	0	0	0	0
77	Rahbar Medical and Dental College	77	4958	7982	Pakistan	2012	1	0	0	0	0

Table VI. Young Universities in Pakistan Top 20.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Bahauddin Zakariya University	4	211	943	Pakistan	1975	254	4	18	39	70
2	COMSATS University Islamabad	5	240	1008	Pakistan	1998	487	6	16	39	77
3	Aga Khan University	6	294	1170	Pakistan	1983	429	4	11	41	58
4	National University of Sciences & Technology	8	314	1219	Pakistan	1991	812	1	10	46	90
5	Abdul Wali Khan University Mardan	9	320	1239	Pakistan	2009	251	3	10	28	46
6	University of Agriculture Peshawar	11	460	1584	Pakistan	1981	186	0	6	17	28
7	University of Management and Technology	12	467	1595	Pakistan	1990	342	1	6	15	31
8	University of Arid Agriculture Rawalpindi	14	508	1702	Pakistan	2013	132	0	5	16	30
9	University of Education, Lahore	17	548	1784	Pakistan	2002	187	1	5	9	16
10	University of Sargodha	18	578	1845	Pakistan	2002	167	0	4	16	35
11	Lahore University of Management Sciences	19	587	1863	Pakistan	1985	291	0	4	14	25
12	University of Lahore	20	597	1881	Pakistan	1999	356	2	4	13	27
13	Khwaja Fareed University of Engineering and Information Technology	21	606	1897	Pakistan	2014	136	0	4	12	17
14	Hazara University	22	635	1962	Pakistan	2002	111	0	4	8	19
15	University of Swabi	25	770	2250	Pakistan	2012	59	1	3	6	8
16	Gomal University Dera Ismail Khan	26	785	2277	Pakistan	1974	66	1	3	5	6

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
17	Kohat University of Science & Technology	29	856	2439	Pakistan	2001	108	1	2	9	15
18	University of Malakand	30	894	2534	Pakistan	2001	99	0	2	6	16
19	Bahria University	31	902	2557	Pakistan	2000	270	0	2	6	9
20	University of Haripur	33	923	2611	Pakistan	2012	84	1	2	5	8
21	Virtual University of Pakistan	34	961	2717	Pakistan	2002	15	0	2	4	5
22	Shaheed Benazir Bhutto University	36	990	2782	Pakistan	2009	50	0	2	3	3
23	Abasyn University	37	1023	2858	Pakistan	2007	25	0	2	2	3
24	University of Faisalabad	38	1032	2873	Pakistan	2002	21	0	2	2	2
25	University of Engineering & Technology Taxila	39	1065	2941	Pakistan	1975	218	0	1	8	24
26	Superior University Lahore	40	1095	3005	Pakistan	2000	185	1	1	7	8
27	University of Central Punjab	41	1107	3026	Pakistan	2002	230	0	1	6	10
28	Riphah International University	42	1133	3083	Pakistan	2002	209	0	1	5	12
29	Muhammad Nawaz Shareef University of Agriculture	43	1145	3108	Pakistan	1978	77	0	1	5	9
30	Capital University of Science & Technology	45	1152	3121	Pakistan	1998	64	0	1	5	9
31	Information Technology University Lahore	46	1157	3138	Pakistan	2012	107	0	1	5	7
32	Federal Urdu University of Arts Sciences and Technology FUUAST Karachi	48	1264	3375	Pakistan	2002	80	0	1	3	4
33	University of Okara	49	1296	3430	Pakistan	2016	60	0	1	3	4
34	Karakoram International University	51	1324	3505	Pakistan	2002	87	0	1	2	3
35	Khyber Medical University	52	1334	3532	Pakistan	2007	65	0	1	2	4

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
36	Shifa Tameer e Millat University	53	1344	3554	Pakistan	2012	127	0	1	2	2
37	Cecos University	55	1401	3669	Pakistan	1986	25	0	1	2	4
38	University of Sahiwal	56	1418	3703	Pakistan	2005	35	0	1	2	3
39	Isra University	57	1512	3881	Pakistan	1989	14	0	1	1	2
40	University of Lakki Marwat	59	1530	3911	Pakistan	2017	22	0	1	1	2
41	Lasbela University of Agriculture, Water and Marine Sciences	60	1535	3917	Pakistan	2005	35	0	1	1	3
42	University of Sialkot	61	1539	3926	Pakistan	2018	64	1	1	1	1
43	Iqra University Karachi	62	1567	3977	Pakistan	1998	113	0	1	1	2
44	Lahore Leads University	63	1624	4073	Pakistan	2011	25	0	1	1	2
45	Institute of Southern Punjab Multan	64	1663	4134	Pakistan	2010	17	0	1	1	1
46	Muhammad Nawaz Sharif University of Engineering and Techology	65	1674	4153	Pakistan	2012	12	0	1	1	1
47	University of Wah	66	1686	4173	Pakistan	2005	18	0	1	1	1
48	Northern University - Pakistan	67	1699	4198	Pakistan	2002	6	0	1	1	1
49	University of South Asia, Lahore	68	1706	4210	Pakistan	1987	9	0	1	1	1
50	University of Gujrat	69	1758	4300	Pakistan	2003	175	0	0	15	28
51	National University of Computer and Emerging Sciences	73	1795	4399	Pakistan	2000	296	0	0	4	11
52	Ghazi University	75	1814	4450	Pakistan	2012	58	0	0	4	7
53	Mirpur University of Science & Technology	76	1831	4496	Pakistan	2008	100	0	0	3	10
54	University of Swat	77	1842	4534	Pakistan	2010	56	0	0	3	7
55	University of Health Sciences Lahore	78	1871	4587	Pakistan	1984	31	0	0	3	4

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
56	University of Poonch Rawalakot	79	1896	4637	Pakistan	2013	51	0	0	2	7
57	University of Science & Technology Bannu	81	1974	4812	Pakistan	2005	25	0	0	2	5
58	National University of Technology NUTECH Islamabad	82	2022	4905	Pakistan	2018	45	0	0	2	3
59	Baqai Medical University	83	2030	4923	Pakistan	1996	16	0	0	2	4
60	Sarhad University of Science & Information Technology	84	2043	4943	Pakistan	2001	50	0	0	2	3
61	Jinnah Sindh Medical University	85	2052	4961	Pakistan	2012	38	0	0	2	3
62	Mohammad Ali Jinnah University Karachi Campus	86	2058	4970	Pakistan	1998	33	0	0	2	3
63	University of Mianwali	87	2068	4989	Pakistan	2019	11	0	0	2	3
64	Balochistan University of Information Technology, Engineering and Management Sciences	88	2117	5101	Pakistan	2002	152	0	0	1	6
65	Allama Iqbal Open University	89	2142	5171	Pakistan	1974	51	0	0	1	4
66	Lahore School of Economics	92	2218	5360	Pakistan	1993	32	0	0	1	2
67	Fatima Jinnah Women University	93	2229	5385	Pakistan	1998	75	0	0	1	1
68	Benazir Bhutto Shaheed University Lyari	97	2336	5590	Pakistan	2010	17	0	0	1	2
69	Federal Urdu University of Arts Sciences and Technology FUUAST Islamabad	98	2338	5596	Pakistan	2002	11	0	0	1	2
70	Abbottabad University of Science and Technology	100	2402	5713	Pakistan	2015	26	0	0	1	1
71	University of Turbat	101	2435	5785	Pakistan	2012	16	0	0	1	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
72	Beaconhouse National University	104	2461	5830	Pakistan	2005	15	0	0	1	1
73	ILMA University	105	2498	5904	Pakistan	2001	17	0	0	1	2
74	University of Kotli Azad Jammu and Kashmir	107	2536	5967	Pakistan	2014	32	0	0	1	1
75	Mohi-ud-Din Islamic University	108	2563	6020	Pakistan	2000	16	0	0	1	1
76	Hamdard University	109	2625	6126	Pakistan	1991	36	0	0	1	1
77	Shaikh Khalifa Bin Zayed Al Nahyan Medical & Dental College Lahore	110	2700	6256	Pakistan	2009	8	0	0	1	1
78	Nazeer Hussain University	111	2713	6282	Pakistan	2013	7	0	0	1	1
79	Karachi School for Business & Leadership	112	2733	6316	Pakistan	2010	5	0	0	1	1
80	Sindh Agriculture University	114	2811	6467	Pakistan	1977	85	0	0	0	2
81	Institute of Management Sciences Peshawar	115	2886	6645	Pakistan	2002	51	0	0	0	3
82	Government College for Women University Sialkot	116	2887	6648	Pakistan	1982	28	0	0	0	0
83	Minhaj University Lahore	118	2918	6701	Pakistan	1986	63	0	0	0	2
84	Government College Women University Faisalabad	119	2981	6812	Pakistan	1983	50	0	0	0	0
85	Ziauddin University	120	2995	6842	Pakistan	1995	81	0	0	0	1
86	Bacha Khan University	121	3025	6906	Pakistan	2012	45	0	0	0	1
87	Qurtaba University of Science & Information Technology Dera Ismail Khan	122	3046	6948	Pakistan	2001	32	0	0	0	2
88	Kohsar University Murree	123	3074	7005	Pakistan	2020	5	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
89	Government Sadiq College Women University Bahawalpur	124	3086	7024	Pakistan	2013	15	0	0	0	0
90	Fata University	125	3095	7045	Pakistan	2013	10	0	0	0	0
91	Quaid-e-Awam University of Engineering Science & Technology	126	3109	7067	Pakistan	1974	129	0	0	0	0
92	Shah Abdul Latif University	127	3127	7097	Pakistan	1987	38	0	0	0	0
93	GC University Lahore	128	3138	7119	Pakistan	2003	32	0	0	0	0
94	Government College Women University, Sialkot	130	3151	7143	Pakistan	2013	46	0	0	0	1
95	University of Jhang	131	3170	7183	Pakistan	2015	14	0	0	0	2
96	Namal College Mianwali	132	3212	7269	Pakistan	2008	17	0	0	0	1
97	University of Baltistan Skardu	133	3245	7324	Pakistan	2017	22	0	0	0	0
98	DHA Suffa University	134	3256	7345	Pakistan	2012	23	0	0	0	2
99	National Skills University	135	3293	7414	Pakistan	2021	106	0	0	0	2
100	Allama Iqbal Medical College	136	3311	7460	Pakistan	1975	14	0	0	0	0
101	Lahore Garrison University	137	3344	7513	Pakistan	2010	69	0	0	0	1
102	Preston University	138	3371	7557	Pakistan	1984	13	0	0	0	2
103	Women University Multan	139	3504	7828	Pakistan	2010	44	0	0	0	0
104	Khushal Khan Khattak University	140	3518	7851	Pakistan	2012	23	0	0	0	0
105	City University of Science & Information Technology Peshawar	141	3532	7884	Pakistan	2001	35	0	0	0	0
106	Women University Swabi	142	3543	7908	Pakistan	2015	16	0	0	0	1
107	Gift University	143	3566	7939	Pakistan	2002	36	0	0	0	1
108	Shaheed Benazir Bhutto Women University	144	3570	7950	Pakistan	2004	16	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
109	Habib University	145	3573	7958	Pakistan	2014	23	0	0	0	0
110	University of Buner	146	3583	7979	Pakistan	2012	14	0	0	0	0
111	Sir Syed University of Engineering & Technology	147	3602	8014	Pakistan	1993	54	0	0	0	1
112	Jinnah University for Women	148	3636	8083	Pakistan	1998	41	0	0	0	0
113	Women University of Azad Jammu and Kashmir	149	3789	8329	Pakistan	2014	8	0	0	0	1
114	Altamash Institute of Dental Medicine	150	3838	8412	Pakistan	2001	12	0	0	0	0
115	Shaheed Zulfiqar Ali Bhutto Medical University Islamabad	151	3916	8523	Pakistan	2013	13	0	0	0	0
116	Shaheed Mohtarma Benazir Bhutto Medical University	152	3968	8611	Pakistan	2008	15	0	0	0	0
117	Liaquat College of Medicine & Dentistry	154	4065	8784	Pakistan	2000	5	0	0	0	1
118	Bolan Medical College Quetta	156	4207	9043	Pakistan	2017	19	0	0	0	0
119	Muslim Youth University	157	4262	9136	Pakistan	2015	12	0	0	0	0
120	Salim Habib University	159	4303	9204	Pakistan	2016	9	0	0	0	0
121	Usman Institute of Technology Hamdard University	160	4352	9299	Pakistan	1994	16	0	0	0	0
122	Swedish College of Engineering & Technology Wah Cantt	161	4388	9362	Pakistan	2009	5	0	0	0	1
123	Institute of Industrial Electronics Engineering	162	4390	9366	Pakistan	1989	5	0	0	0	0
124	Rawalpindi Medical University	165	4764	9997	Pakistan	2017	20	0	0	0	0
125	Balochistan University of Engineering and Technology	166	4804	10056	Pakistan	1994	12	0	0	0	0
126	Ayub Medical College	167	4855	10165	Pakistan	1979	6	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
127	Begum Nusrat Bhutto Women University, Sukkur	168	4922	10259	Pakistan	2018	71	0	0	0	0
128	University of Chitral	169	5040	10449	Pakistan	2019	12	0	0	0	0
129	Wah Medical College	170	5051	10466	Pakistan	2002	7	0	0	0	0
130	Karachi Medical and Dental College	171	5079	10517	Pakistan	1991	10	0	0	0	0
131	Sardar Bahadur Khan Women's University	172	5112	10587	Pakistan	2004	12	0	0	0	0
132	Qarshi University	173	5120	10601	Pakistan	2011	9	0	0	0	0
133	Shaheed Benazir Bhutto University of Veterinary and Animal Sciences	174	5181	10705	Pakistan	2012	7	0	0	0	0
134	University of Narowal	175	5432	11100	Pakistan	2014	15	0	0	0	0
135	Peoples University of Medical & Health Sciences for Women Shaheed Benazirabad	176	5443	11123	Pakistan	1974	22	0	0	0	0
136	University of Technology Nowshera	177	5548	11298	Pakistan	2016	8	0	0	0	0
137	Khadim Ali Shah Bukhari Institute of Technology	178	5603	11374	Pakistan	1999	17	0	0	0	0
138	Greenwich University	179	5605	11377	Pakistan	1987	16	0	0	0	0
139	Indus University Karachi	180	5613	11391	Pakistan	2012	14	0	0	0	0
140	Muhammad Medical College	181	5686	11511	Pakistan	1999	45	0	0	0	0
141	Iqra National University	182	5713	11544	Pakistan	2010	18	0	0	0	0
142	Abdus Salam School of Mathematical Sciences GC University Lahore	183	5782	11674	Pakistan	2003	7	0	0	0	0
143	Nur International University	184	5842	11789	Pakistan	2015	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
144	College of Physicians & Surgeons Pakistan	186	5995	12065	Pakistan	2004	5	0	0	0	0
145	Lahore College of Pharmaceutical Sciences	187	6049	12171	Pakistan	1997	3	0	0	0	0
146	Akhtar Saeed Medical and Dental College	188	6115	12269	Pakistan	2008	8	0	0	0	0
147	Women University Mardan	189	6143	12323	Pakistan	2016	6	0	0	0	0
148	Sir Syed CASE Institute of Technology	190	6182	12412	Pakistan	2001	4	0	0	0	0
149	Imperial University Lahore	191	6185	12419	Pakistan	1991	4	0	0	0	0
150	Dadabhoy Institute of Higher Education Karachi	192	6206	12454	Pakistan	2003	3	0	0	0	0
151	Lahore Medical Research Center	193	6272	12587	Pakistan	2006	1	0	0	0	0
152	Karachi Institute of Technology and Entrepreneurship	194	6285	12619	Pakistan	2012	1	0	0	0	0
153	Rawalpindi Women University	195	6395	12769	Pakistan	2019	20	0	0	0	0
154	Lahore Medical & Dental College	196	6619	13044	Pakistan	1997	14	0	0	0	0
155	Higher Education Commission of Pakistan	197	6720	13175	Pakistan	2002	15	0	0	0	0
156	University of Loralai	198	6951	13505	Pakistan	2013	8	0	0	0	0
157	Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs	199	6956	13511	Pakistan	2012	8	0	0	0	0
158	Newports Institute of Communications and Economics	200	7017	13615	Pakistan	1993	5	0	0	0	0
159	Charif Madical and Dontal	201	7215	13890	Pakistan	2007	9	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
160	Alhamd Islamic University	202	7282	13983	Pakistan	1995	7	0	0	0	0
161	Green International University Lahore	204	7331	14069	Pakistan	2014	6	0	0	0	0
162	Jinnah Madical & Dental College	205	7356	14111	Pakistan	1998	5	0	0	0	0
163	Shaheed Zulfiqar Ali Bhutto University of Law	206	7403	14191	Pakistan	2013	4	0	0	0	0
164	Sheikh Zayed Medical College	207	7422	14221	Pakistan	2003	4	0	0	0	0
165	Fatima Jinnah Dental College and Hospital	208	7435	14240	Pakistan	1992	3	0	0	0	0
166	Women Medical College	209	7448	14262	Pakistan	2000	3	0	0	0	0
167	Margalla Institute of Health Sciences	210	7714	14615	Pakistan	1997	7	0	0	0	0
168	Balochistan Agriculture College Quetta	211	7760	14677	Pakistan	1986	7	0	0	0	0
169	Shaikh Ayaz University Shikarpur Sindh	212	7856	14842	Pakistan	2018	6	0	0	0	0
170	University of Sufism and Modern Science, Bhitshah	214	8008	15116	Pakistan	2011	4	0	0	0	0
171	Saidu Medical College Swat	215	8063	15224	Pakistan	1998	3	0	0	0	0
172	Gambat Institute of Medical Sciences	216	8080	15247	Pakistan	2006	3	0	0	0	0
173	Barani Institute of Information Technology (BIIT)	217	8113	15295	Pakistan	1998	3	0	0	0	0
174	Institute of Molecular Sciences and Bioinformatics	218	8164	15386	Pakistan	2003	2	0	0	0	0
175	Shalamar Medical and Dental College	219	8552	15954	Pakistan	2009	7	0	0	0	0
176	Gandhara University	220	8581	15986	Pakistan	2002	7	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
177	Hajvery University lahore	221	8941	16495	Pakistan	2002	3	0	0	0	0
178	Pakistan Institute of Fashion and Design	222	8951	16507	Pakistan	2006	3	0	0	0	0
179	Concordia College Kasur	223	9082	16715	Pakistan	2008	2	0	0	0	0
180	National Defense University	224	9330	17132	Pakistan	1976	1	0	0	0	0
181	Indus Valley School of Art and Architecture	225	9411	17277	Pakistan	1989	1	0	0	0	0
182	Rahbar Medical and Dental College	226	9674	17739	Pakistan	2012	1	0	0	0	0

Table VII. Institutions in Pakistan top 20.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	National Institute for Biotechnology and Genetic Engineering	1	201	899	Pakistan	1994	35	1	3	10	14
2	Pakistan Institute of Engineering & Applied Sciences Islamabad	2	238	1042	Pakistan	1997	171	1	2	10	17
3	Institute of Business Administration Karachi	3	274	1159	Pakistan	1955	115	0	2	3	4
4	National Centre for Physics	4	282	1193	Pakistan	1999	40	1	2	2	7
5	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology	5	298	1247	Pakistan	1993	101	0	1	8	15
6	Heavy Industries Taxila Education City University	6	330	1338	Pakistan	2017	52	1	1	4	6
7	Foundation University Institute of Management and Computer Science	7	364	1433	Pakistan	1918	95	1	1	2	5
8	Pakistan Agricultural Research Council	8	390	1503	Pakistan	1948	51	0	1	1	3
9	NFC Institute of Engineering & Fertilizer Research	9	410	1567	Pakistan	1998	16	0	1	1	1
10	Institute of Space Technology	10	439	1672	Pakistan	2002	75	0	0	3	8
11	Pak-Austria Fachhochschule Institute of Applied Sciences and Technology Haripur	11	442	1677	Pakistan	2020	46	0	0	3	7
12	Pakistan Institute of Nuclear Science and Technology	12	443	1679	Pakistan	1965	31	0	0	3	8

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
13	Institute of Business Administration Sukkur	13	455	1724	Pakistan	2006	159	0	0	2	7
14	Nuclear Institute for Agriculture and Biology	14	459	1735	Pakistan	1972	23	0	0	2	4
15	Al Khawarizmi Institute of Computer Science	15	468	1767	Pakistan	2012	47	0	0	2	4
16	Institute of Business Management Karachi	16	490	1825	Pakistan	1995	108	0	0	1	4
17	Pakistan Institute of Development Economics	17	506	1878	Pakistan	1957	41	0	0	1	2
18	Sindh Institute of Urology and Transplantation	18	534	1959	Pakistan	1954	6	0	0	1	1
19	National Institute of Blood Diseases and Bone Marrow Transplantation	19	539	1977	Pakistan	2008	8	0	0	1	1
20	Shaheed Zulfikar Ali Bhutto Institute of Science & Technology Islamabad	20	561	2047	Pakistan	1995	74	0	0	0	2
21	Pakistan Atomic Energy Commission	21	573	2094	Pakistan	1936	12	0	0	0	2
22	Karachi Institute of Economics and Technology	22	582	2126	Pakistan	1997	27	0	0	0	0
23	National Institutes of Health, Pakistan	23	617	2215	Pakistan	1978	11	0	0	0	0
24	Central Cotton Research Institute	24	624	2239	Pakistan	1976	9	0	0	0	0
25	National Institute of Cardiovascular Diseases	25	626	2244	Pakistan	1963	7	0	0	0	1
26	NFC Institute of Engineering & Technology Multan	26	630	2263	Pakistan	1985	21	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
27	Pakistan Institute of Engineering and Technology	27	631	2264	Pakistan	2013	12	0	0	0	1
28	Pakistan Air Force Karachi Institute of Economics & Technology	28	694	2426	Pakistan	2001	22	0	0	0	0
29	Nuclear Institute of Agriculture, Pakistan	29	714	2472	Pakistan	1963	6	0	0	0	0
30	Center for Advance Studies In Engineering	30	726	2513	Pakistan	2001	8	0	0	0	0
31	Services Institute of Medical Sciences Lahore	31	740	2565	Pakistan	2003	4	0	0	0	0
32	Multan Institute of Nuclear Medicine and Radiotherapy	32	756	2602	Pakistan	2012	2	0	0	0	0
33	Police Service of Pakistan	33	773	2651	Pakistan	1948	1	0	0	0	0
34	Pak Institute of Management and Computer Sciences	34	853	2869	Pakistan	1987	2	0	0	0	0
35	Emaan Institute of Management & Sciences Karachi	35	877	2916	Pakistan	2015	1	0	0	0	0
36	Textile Institute of Pakistan	36	879	2920	Pakistan	1994	1	0	0	0	0
37	National Institute of Child Health, Pakistan	37	893	2953	Pakistan		1	0	0	0	0

## Table VIII. Companies in Pakistan top 20.000

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Fauji Fertilizer Company	1	168	1051	Pakistan	1978	2	0	0	0	1
2	Independent Researcher Pakistan	2	240	1340	Pakistan	1968	4	0	0	0	0
3	National Bank of Pakistan	3	288	1533	Pakistan	1949	9	0	0	0	0
4	Mari Petroleum Company Limited	4	304	1577	Pakistan	1984	2	0	0	0	0
5	Muslim Commercial Bank Pakistan	5	310	1586	Pakistan	1947	2	0	0	0	0
6	Allied Bank Limited	6	367	1778	Pakistan	1942	4	0	0	0	0
7	Askari Bank	7	372	1787	Pakistan	1991	3	0	0	0	0
8	Azgard-9 Ltd.	8	392	1845	Pakistan	1993	1	0	0	0	0
9	Habib Bank Limited	9	414	1914	Pakistan	1941	1	0	0	0	0

## Table IX. Hospitals in Pakistan top 20.000

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Pakistan Top 20.000				Scientists in World Top 30%
1	Shifa International Hospital Islamabad	1	50	178	Pakistan	1987	17	0	0	0	0
2	Combined Military Hospital Lahore Medical College	2	58	202	Pakistan	2006	7	0	0	0	1
3	Maroof International Hospital	3	107	285	Pakistan	1969	2	0	0	0	0