

THE EVALUATION OF UNIVERSITY COMPETITIVENESS: A REVIEW OF METHODOLOGIES

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Abstract: The concept of university competitiveness serves as a pivotal indicator of the quality and performance of higher education institutions. This paper undertakes a comprehensive exploration of the various methodologies employed in the evaluation of university competitiveness. These methodologies encompass global ranking systems, benchmarking analysis, key performance indicators, surveys, bibliometric analysis, and financial assessments. The evaluation processes encompass a range of factors, including academic reputation, research output, faculty quality, student satisfaction, internationalisation, infrastructure, and funding. A comprehensive understanding of these methods is instrumental in assisting universities to enhance their strategic planning and global standing.

Keywords: University competitiveness, academic ranking, research output, faculty quality, student satisfaction, benchmarking, bibliometric analysis, performance indicators

Introduction: University competitiveness is a crucial indicator of a country's educational quality, research capabilities, and overall academic standing on the global stage. To assess and enhance their competitiveness, universities rely on various evaluation methods that incorporate qualitative and quantitative factors. This article explores key methods for evaluating the competitiveness of universities and the factors influencing their rankings.

Several factors contribute to university competitiveness, including:

Academic Reputation – The perception of the university within the academic community.

Research Output – The volume and impact of research publications.

Faculty Quality – Qualifications, experience, and research contributions of faculty members.

Student Satisfaction and Outcomes – Graduate employability and student success rates.

Internationalization – Number of international students and faculty, global partnerships.

Internationalization – This factor is measured by the number of international students and faculty members, as well as global partnerships.

Infrastructure and Resources – The availability of research facilities, libraries, and digital resources is taken into consideration.

Funding and Financial Stability – This factor is assessed by examining endowments, grants, and financial sustainability.

Methods of Evaluation

Various methods and ranking systems are used globally to assess these factors. The most common evaluation approaches include:

1. Global University Rankings

Several organisations publish annual rankings based on predefined criteria:

QS World University Rankings – Assesses academic reputation, employer reputation, faculty/student ratio, citations per faculty, international faculty, and student ratio. Times Higher Education (THE) Rankings – Measures teaching, research, citations, international outlook, and industry income. Academic Ranking of World Universities (ARWU) – Focuses on research impact, Nobel Prize winners, and highly cited researchers.

2. Benchmarking Analysis

Benchmarking involves comparing a university's performance metrics against leading institutions. This approach assists in identifying gaps and establishing strategic goals for enhancement.

3. Key Performance Indicators (KPIs) Methodology

Universities implement KPIs to assess their progress. Common KPIs encompass:

The number of research publications in high-impact journals.

The student-to-faculty ratio.

The graduate employment rate.

The international student enrolment.

4. Surveys and Stakeholder Feedback

Universities gather feedback from students, faculty, employers, and alumni to evaluate perceptions of academic quality, curriculum relevance, and overall satisfaction.

5. Bibliometric Analysis

This method involves the evaluation of research output through the analysis of citation indices, such as the h-index and the Impact Factor, as well as the utilisation of databases including Scopus and Web of Science.

6. Funding and Resource Assessment

The financial stability of an institution is assessed through the analysis of government grants, research funding, private investments, and operational budgets, with the objective of ensuring sustainability.

Funding and Resource Assessment

The financial stability of an institution is assessed through a variety of sources, including government grants, research funding, private investments, and operational budgets, with the objective of ensuring sustainability and growth.

The evaluation of the competitiveness of universities is a multifaceted process that requires a combination of global ranking systems, performance indicators, and stakeholder input. In order to enhance their competitiveness, universities should focus on research excellence, faculty development, internationalization, and student satisfaction, in order to maintain a strong

academic reputation and global presence.

References:

1. Алимova, Ш. А., & Шадиев, А. Х. (2025). РОЛЬ ЦИФРОВОЙ ЭКОНОМИКИ В РАЗВИТИИ УЗБЕКИСТАНА: АНАЛИЗ ЗА 2021–2024 ГОДЫ. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(3), 245-252.
2. Алимova, Ш. А., & Шадиев, А. Х. (2025). СОВРЕМЕННЫЕ ЭКОНОМИЧЕСКИЕ ТЕНДЕНЦИИ В УЗБЕКИСТАНА: АНАЛИЗ ДАННЫХ И ПЕРСПЕКТИВЫ. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS*, 1(4), 205-211.
3. Алимova, Ш. А., & Тошов, М. Х. (2025). БЮДЖЕТНЫЙ ДЕФИЦИТ И ГОСУДАРСТВЕННЫЙ ДОЛГ: СТРАТЕГИИ УПРАВЛЕНИЯ В СОВРЕМЕННЫХ УСЛОВИЯХ. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(4), 142-149.
4. Алимova, Ш. А., & Тошов, М. Х. (2025). ВЛИЯНИЕ ГЛОБАЛИЗАЦИИ НА ЭКОНОМИЧЕСКОЕ РАЗВИТИЕ СТРАН: ВЫЗОВЫ И ПЕРСПЕКТИВЫ. *MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS*, 1(5), 86-92.
5. Azimov, B. F., & Qudratova, G. M. (2025). OZBEKISTONDA INNOVATION FAOLIYATNI MOLIYALASHTIRISH STRATEGIYASI VA UNI TAKOMILLASHTIRISH. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(4), 36-45.
6. Azimov, B. F., & Qudratova, G. M. (2025). INNOVATSION FAOLIYATNI QO ‘LLAB-QUVVATLASHNING YEVRQA MAMLAKATLARI TAJRIBALARI. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(5), 35-44.
7. Azimov, B. F., & Qudratova, G. M. (2025). KICHIK BIZNES VA XUSUSIY TADBIRKORLIK SOHASIDAGI IJTIMOIIY VA IQTISODIY HOLAT, HUDUDDA SANOATNI RIVOJLANTIRISHNING ISTIQBOLLARI. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS*, 1(5), 23-30.
8. Azimov, B. F., & Qudratova, G. M. (2025). ISPANIYADA INNOVATSIYALARNI QO ‘LLAB-QUVVATLASH SOHASIDAGI ILG ‘OR TAJRIBALAR. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(4), 24-35.
9. Sodiqova, N. T., & Bobojonova, M. J. (2025). MAMALAKAT IQTISODIYOTINI RIVOJLANTIRISHDA XALAQARO TURIZIM O‘RNINING IQTISODIY MAZMUNI VA AHAMIYATI. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS*, 1(5), 66-75.
10. Sodiqova, N. T., & Xalilov, B. B. (2025). PUL-KREDIT SIYOSATINI AMALGA OSHIRISHNING USUL VA MEKANIZMLARI (INFLYATSION TARGETLASH REJIMIGA O ‘TISHNING AHAMIYATI). *MODERN PROBLEMS IN EDUCATION AND THEIR*

SCIENTIFIC SOLUTIONS, 1(5), 87-96.

11. Sodiqova, N. T., & Bobojonova, M. J. (2025). YIRIK KORXONALARDA INSON KAPITALINING O'ZIGA XOS XUSUSIYATLARI. *MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS*, 1(6), 127-137.

12. Sodiqova, N. T., & Khalilov, B. B. (2025). SUSTAINABLE DEVELOPMENT GOALS: TOURISM'S CONTRIBUTION TO A SUSTAINABLE FUTURE AND SUPPORTING TOURISM INDUSTRY BY THE TOOLS OF MARKETING. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(5), 87-97.

13. Sodiqova, N. T., & Bobojonova, M. J. (2025). OLIY TA'LIM MUASSASALARIDA KADRLAR SIFATINI BAHOLASH. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(5), 109-120.

14. Sodiqova, N. T., & Bobojonova, M. J. (2025). MEHNAT UNUMDORLIGINI TAHLIL QILISHNING NAZARIY MUAMMOLARI. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(4), 55-67.

15. Sodiqova, N. T., & Bobojonova, M. J. (2025). MAKROIQTISODIY BARQARORLIK VA RIVOJLANISHNI TA'MINLASHDA PUL-KREDIT SIYOSATINING O'RNINI. *MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC SOLUTIONS*, 1(5), 106-115.

16. Sodiqova, N. T., & Khalilov, B. B. (2025). MARKETING—THE TASKS AT A GLANCE. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS*, 1(5), 76-85.

17. Sodiqova, N. T., & Xalilov, B. B. (2025). KORXONA FOYDASINING TAQSIMLANISHI VA ISHLATILISHI. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS*, 1(5), 55-65.

18. Bobojonova, M. J., & Sodiqova, N. T. (2025). YASHIL IQTISODIYOTNI RIVOJLANTIRISH DARAJASI VA UNING ISTIQBOLLI YO'NALISHLARI. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS*, 1(5), 172-181.

19. Hakimovich, T. M. (2025). EKSPORTCHI KORXONALARNI QO'LLAB-QUVVATLASH USULLARI VA VOSITALARI. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(4), 213-224.

20. Hakimovich, T. M. (2025). EKSPORT QILUVCHI KORXONALAR RAQOBATBARDOSHLIGINING NAZARIY TAHLILI. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(3), 137-148.

21. Hakimovich, T. M. (2025). STRATEGIYA—HUDUDLAR IQTISODIYOTINI RIVOJLANTIRISHNING ASOSIY OBYEKTI SIFATIDA. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(4), 276-283.

22. Hakimovich, T. M. (2025). O 'ZBEKISTON IQTISODIYOTNI IJTIMOYIY-IQTISODIY RIVOJLANISH DINAMIKASI. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(3), 224-233.
23. Bahodirovich, X. B. (2025). ON THE BASIS OF INTERNATIONAL STANDARDS OF FINANCIAL REPORTING IN FINANCIAL REPORTING PROCEDURE IN UZBEKISTAN. *Ethiopian International Journal of Multidisciplinary Research*, 12(01), 151-157.
24. Bakhodirovich, K. B. (2023). *CONCEPTUAL FOUNDATIONS OF IMPROVING ACCOUNTING IN SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP. IMRAS*, 6 (6), 161-165.
25. Bahodirovich, K. B., & Mahmudovna, Q. G. (2025). TYPES OF CREDIT PRODUCTS. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(3), 269-277.
26. Ibodulloyevich, I. E. (2024). O 'ZBEKISTON RESPUBLIKASIDA KICHIK BIZNES VA XUSUSIY TADBIRKORLIK SAMARADORLIGINI OSHIRISH MUAMMOLARI VA ISHBILARMONLIK MUHITINI YAXSHILASH ISTIQBOLLARI. *Gospodarka i Innowacje.*, 51, 258-266.
27. EI, I. (2024). MAKROIQTISODIY KO 'RSATKICHLARNNG O 'ZIGA XOS XUSUSIYATLARI. *MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC SOLUTIONS*, 1(3), 275-281.
28. Raxmonqulova, N., & Muxammedov, T. (2025). HUDUDNING STRATEGIK IJTIMOYIY-IQTISODIY SIYOSATINI BAHOLASH: METODOLOGIK YONDASHUV. *Modern Science and Research*, 4(1), 918-921.
29. Raxmonqulova, N. O. (2025). TASHKILOTDA INNOVATSION YONDASHUVLARNI BOSHQARISHNING AHAMIYATI. *The latest pedagogical and psychological innovations in education*, 2(1), 15-21.
30. Raxmonqulova, N. O. (2025). TASHKILOTNING XALQARO BOZORDA MUVAFFAQIYATLI FAOLIYAT YURITISH USULLARI. *The latest pedagogical and psychological innovations in education*, 2(1), 8-14.
31. Raxmonqulova, N. O. (2025). KORXONALARDA YUZAGA KELADIGAN INQIROZ HOLATLARI VA ULARNI BOSHQARISH STRATEGIYALARI. *The latest pedagogical and psychological innovations in education*, 2(1), 1-7.
32. Abdivayitovna, S. U., & Azimov, B. F. (2025). IMPROVING THE EFFICIENCY OF USING MATERIAL AND TECHNICAL RESOURCES IN ENTERPRISES. *Ethiopian International Journal of Multidisciplinary Research*, 12(01), 223-228.
33. Akbarovna, N. N. (2025). BYUDJET TIZIMINI ISLOH QILISHNING ASOSIY YO 'NALISHLARI. *MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC*

SOLUTIONS, 1(5), 80-86.

34. Akbarovna, N. N. (2025). MAIN TRENDS IN THE DEVELOPMENT OF MODERN MANAGEMENT TECHNOLOGIES. *FARS International Journal of Education, Social Science & Humanities.*, 13(1), 242-249.

35. Akbarovna, N. N. (2025). MENEJER FAOLIYATINING FUNKSIONAL VAZIFALARI VA UNING MADANIYATINING AHAMIYATI. *MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC SOLUTIONS*, 1(4), 354-362.

36. Bobojonova, M. J., & Naimova, N. A. (2024). O'ZBEKISTONDA FRILANSERLIK VA AUTSORSERLIKNING RIVOJLANISH DARAJASI. *ANALYSIS OF MODERN SCIENCE AND INNOVATION*, 1(3), 72-77.

37. Bostonovna, D. Z. (2023). CONCEPTUAL BASIS OF IMPROVEMENT OF BANK AUDIT IN COMMERCIAL BANKS. *IMRAS*, 6(6), 118-124.

38. Bustonovna, J. Z. (2024). O'ZBEKISTON IQTISODIYOTINING BARQAROR O'SISHIDA SANOAT TARMOQLARINING AHAMIYATI.

39. Bazarova, M. (2023). EFFECTIVENESS OF USING PR-ADVERTISING SERVICES IN THE PROCESS OF PRODUCT DELIVERY ON THE EXAMPLE OF BUKHARA REGION. *Modern Science and Research*, 2(12), 506-512.

40. Supiyevna, B. M. (2023). TIJORAT BANKLARI FAOLIYATIDA PERSONALNI BOSHQARISHNING O 'ZIGA XOS XUSUSIYATLARI. *Gospodarka i Innowacje.*, 42, 409-414.

41. Базарова, М. С. (2020). Развитие внимания дошкольников посредством дидактических игр. In *Исследования молодых ученых* (pp. 37-40).

42. Jumayeva, Z. Q. (2025). ISSUES OF IMPROVING THE METHODOLOGY OF COMPETITION ASSESSMENT IN THE BANKING SERVICES MARKET OF THE REPUBLIC OF UZBEKISTAN. *AMERICAN JOURNAL OF BUSINESS MANAGEMENT*, 3(1), 41-49.

43. Авезова, Ш. М., & Жумаева, З. К. (2013). МЕХАНИЗМЫ УСТОЙЧИВОГО РАЗВИТИЯ НАЦИОНАЛЬНОЙ ЭКОНОМИКИ УЗБЕКИСТАНА. *СЕКЦИЯ 1. Економіка і управління національним господарством.....* 9, 12.

44. Примова, А. А., Усманова, Н. Ю., & Жумаева, З. К. (2013). НЕКОТОРЫЕ АСПЕКТЫ ИННОВАЦИОННОГО РАЗВИТИЯ АГРАРНОЙ ОТРАСЛИ УЗБЕКИСТАНА. In *ЕКОНОМІКА І УПРАВЛІННЯ: ПРОБЛЕМИ НАУКИ ТА ПРАКТИКИ* (pp. 199-202).

45. AD, S., & To'rayevich, I. A. (2025). QISHLOQ XO'JALIGINI HUDUDLASHTIRISH VA IXTISOSLASHTIRISHNING ILMIY ASOSLARI. *MODERN PROBLEMS IN*

EDUCATION AND THEIR SCIENTIFIC SOLUTIONS, 1(5), 51-63.

46. AD, S., & To'rayevich, I. A. (2025). QISHLOQ XO'JALIGIDA ISHLAB CHIQRISH SAMARADORLIGINI OSHIRISH OMILLARI. *MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS, 1(6), 34-43.*

47. To'rayevich, I. A., & AD, S. (2025). O 'ZBEKISTON IQTISODIYOTIGA INVESTITSIYALARNI SOLIQ MEXANIZMLARI ASOSIDA JALB QILISH IMKONIYATLARI. *MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS, 1(6), 44-57.*

48. AD, S., & To'rayevich, I. A. (2025). QISHLOQ XO'JALIGINING CHO'L YALOVLARIDA HUDUDLASHTIRISHNI AMALGA OSHIRISH TARTIBINI ISHLAB CHIQISH. *ANALYSIS OF MODERN SCIENCE AND INNOVATION, 1(5), 55-67.*

49. AD, S., & To'rayevich, I. A. (2025). O'ZBEKISTON RESPUBLIKASI VA XORIJIY MAMLAKATLARDA QISHLOQ XO'JALIGIDA IXTISOSLASHTIRISHNING AMALGA OSHIRILAYOTGAN ISLOHATLARI BILAN TANISHISH. *MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS, 1(6), 70-81.*

50. To'rayevich, I. A., & AD, S. (2025). MILLIY IQTISODIYOTIGA XORIJIY INVESTITSIYALARNI JALB QILISHNI SOLIQLAR VOSITASIDA RAG 'BATLANTIRISH ISTIQBOLLARI. *ANALYSIS OF MODERN SCIENCE AND INNOVATION, 1(5), 13-24.*

51. Sadilloeyvna, D. M. (2025). Prospects for Investments in Modernization of the Economy in the Agricultural Sector. *Ethiopian International Journal of Multidisciplinary Research, 12(01), 217-222.*

52. Джураева, М. С., & Алимова, Ш. А. (2025). АНАЛИЗ ТОЧКИ БЕЗУБЫТОЧНОСТИ И МАРЖИНАЛЬНОЙ ПРИБЫЛИ. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS, 1(4), 88-94.*

53. Алимова, Ш. А., & Джураева, М. С. (2025). ИНВЕСТИЦИОННЫЕ ПРОЕКТЫ: УПРАВЛЕНИЕ И ЭФФЕКТИВНОСТЬ. *STUDYING THE PROGRESS OF SCIENCE AND ITS SHORTCOMINGS, 1(4), 81-87.*

54. Quدراتова, G. M., & Sodiqova, N. T. (2024). AHOLINING OZINI OZI BANDLIGINI TAMINLASHNING MAZMUN-MOHİYATI. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD, 1(2), 162-166.*

55. Quدراتова, G. M. (2024). METHODOLOGY OF ANALYSIS OF COMPETITIVENESS OF HIGHER EDUCATION INSTITUTIONS IN BUKHARA REGION. *International journal of artificial intelligence, 4(10), 341-345.*

56. Quدراتова, G. M., & Sodiqova, N. T. (2024). AHOLINING O'ZINI O'ZI BANDLIGINI RIVOJLANTIRISHNING NAZARIY ASOSLARI. *ANALYSIS OF MODERN SCIENCE AND*

INNOVATION, 1(2), 321-325.

57. Qudratova, G. M., & Sodiqova, N. T. (2024). OZINI OZI BANDLIGINI TAMINLASHNING ILGOR XORIJIY TAJRIBASI. *THEORY OF SCIENTIFIC RESEARCHES OF WHOLE WORLD*, 1(2), 176-181.

58. Qudratova, G. M., & Sodiqova, N. T. (2024). MONOPOLIYA VA ANTIMONOPOL SIYOSAT. *MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC SOLUTIONS*, 1(2), 464-468.

59. Qudratova, G. (2024). The Importance Of Innovative Potential In Increasing Competitiveness. *Modern Science and Research*, 3(1), 933-938.

60. Mahmudovna, Q. G. (2024). Raqobatdoshlikni Oshirishda Innovatsion Salohiyatning Ahamiyati.