

## The strategy of Navoi State University of Mining and Technologies to be listed in the World University Rankings

T/p	Activity	The mechanism of implementation	Implementa tion date	Sources of financing	Responsible staff
<b>I. To be listed in World University Rankings from internationally recognized organizations</b>					
1.	Expansion of collaborative relations with overseas universities	<ol style="list-style-type: none"> <li>1. Forming a list of overseas universities actively participating in the QS World University Rankings (<b>QSWUR</b>);</li> <li>2. Carrying out negotiations on collaboration opportunities with overseas universities;</li> <li>3. Determination of collaboration directions with partner universities;</li> <li>4. Establishment of a system to exchange information and experience with partner overseas universities.</li> </ol>	January 2023	Not required	Pro-rector for international cooperation, Faculty Deans
2.	Preparation of required data participate in <b>QSWUR</b> (in English)	<ol style="list-style-type: none"> <li>1. Announcement of road maps of university development strategies on the website of the Navoi State University of Mining and Technologies;</li> <li>2. Formation of a database of existing international agreements, including research and exchange education programs;</li> <li>3. Preparation of collaborative research programs and their final report in English;</li> <li>4. Preparation SciVal data covering the last six years;</li> <li>5. Formation of information on the mobility of students and professors in terms of inbound (entry from abroad) and outbound (outbound) mobility for the period of previous 12 months at minimum.</li> </ol>	March 2023	Not required	Pro-rector for International Cooperation, Pro-rector for Academic Work, Pro-rector for Research and Innovation
3.	Increasing of the university reputation in the World Wide Web and listing of necessary resources for international rating organizations on the official site of the University in English	<ol style="list-style-type: none"> <li>1. Receiving data from Google Analytics Platform about the inclusion of the University for at least four months;</li> <li>2. Determination of main indicators of the annual efficiency based on the development strategy of the university and the requirements of the ministry;</li> <li>3. Formation of research directions of the University and scientific groups carrying out research in these directions;</li> <li>4. Formation of five unique strengths offered by the university at the regional and international level;</li> <li>5. Providing full information for the University profile in QS-Hub (All information must be entered in full)</li> </ol>	March 2023	Not required	Pro-rector for Academic Work, Pro-rector for Research and Innovation, Pro-rector for International Cooperation, Pro-rector for Cooperation with Youth,

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					Faculty Deans, Departmental Heads
4.	Studying the experience of universities included in the <b>QSWUR</b>	Continuous study of the educational system of TOP universities and their experience and results that are published annually by the international rating agencies, including <b>QSWUR</b>	Continuously	Not required	Pro-rector for Research and innovation, Pro-rector for International Cooperation
5.	Preparation of proposals for the <b>QSWUR</b> agency on the expert base (content).	1. Formation of a list of local and foreign (400) experts; 2. Inclusion of experienced experts with high positions and calibre in the field of higher education, including rectors, vice-rectors, deans, heads of departments, and heads of structures responsible for international ratings, in the list of experts; 3. Delivery of information about the list of experts to the coordinator of <b>QSWUR</b> ; 4. Notification of <b>QSWUR</b> -coordinator if any changes are made to the list of experts.	February 2023	Not required	Pro-rector for International Cooperation, Pro-rector for academic work, Faculty deans and department heads
6.	Participation of academic and employer international and local experts in the <b>QSWUR</b> 2023 survey.	Ensuring the participation of academic and employer international and local experts in the 2023 survey of <b>QSWUR</b> , monitoring their registration through the specified link.	January-May 2023	Not required	Pro-rector for academic work, Pro-rector for Research and innovation, Faculty Deans, Department Heads
7.	Compilation of information on rating requirements for participation in the <b>QSWUR</b> by subject, published annually by <b>QSWUR</b>	For this rating, only the Academic and Employer Reputation tables are sent simultaneously for all ratings. Maintain friendly communication with reviewers who have received an invitation to participate in a <b>QSWUR</b> survey. Monitoring of citations (Scopus and Web of Science (WoS)) for each article published by academic staff.	Continuously	Not required	Pro-rector for Research and innovation, Pro-rector for academic work, Pro-rector for International cooperation
8.	Creation and update of the University page in the QS (Quacquarelli Symonds) platform	Updating information about the University in the QS-Hub platform	Continuously	Not required	Pro-rector for Research and Innovation

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9.	Development of a plan for the publication of scientific articles in journals listed in the Scopus and WoS database by University Departments	Development and approval of a plan for the publication of scientific articles in journals listed in the Scopus and WoS database based on the scientific potential of University Departments.	August 2022	Not required	Pro-rector for Research and Innovation
10.	Monitoring of publications of scientific articles in journals listed in the Scopus and WoS database	<ol style="list-style-type: none"> <li>1. Carrying out monitoring work on the plan of publication of scientific articles in journals on the list of Scopus and WoS database accepted by university departments;</li> <li>2. Supplying journals to professors and teachers in research and teaching directions at NSUMT from the list of journals in the regularly updated list of journals in the Scopus and WoS Database;</li> <li>3. Providing information to Academics of NSUMT about the conferences that are included in the Scopus and WoS databases and promotion of active participation in international conferences;</li> <li>4. Organization of international conferences and publishing of conference proceedings in journals listed in the Scopus and WoS, Database;</li> <li>5. Development and monitoring of a plan for publishing scientific articles in international journals included in Scopus and WoS Database in the fourth quarter of 2022 for academics of NSUMT and Nukus Mining Institute.</li> </ol>	Continuously	Not required	Pro-rector for Research and Innovation
11.	Organisation of training courses to provide information on the use Elsevier's web pages	Training of academics on the effective use of Elsevier's websites, including Scopus and ScienceDirect databases.	Once a month	Not required	Pro-rector for Research and Innovation
12.	Monitoring the effective use of Scopus and Science Direct databases at admintool.elsevier.com	<ol style="list-style-type: none"> <li>1. Determination of monthly user numbers at the University.</li> <li>2. Collecting and analysis of statistical information about users, and taking appropriate measures to increase the effective usage of the Databases.</li> </ol>	By the 10 <sup>th</sup> of every month	Not required	Pro-rector for Research and Innovation
13.	Participation of responsible university staff in charge of international rating in seminars and trainings organised on the issues of Universities international ratings	Organisation of participation in seminars, workshops, trainings and meetings with international rating agencies organized in our country and any online platforms and providing information to university academics on the outcome of such activities.	When organised	Not required	Pro-rector for Research and Innovation, Pro-rector for international cooperation

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14.	Collecting data corresponding to each indicator according to the rating requirements for participating in the <b>QSWUR 2023</b> by QS (Quacquarelli Symonds). Organisation of activities to be listed in the top 1000 universities list published by <b>QSWUR</b>	<ol style="list-style-type: none"> <li>1. Provision of updated tables from 400 reviewers on Academic reputation (40%) and from 400 reviewers on Employer reputation (10%) to representatives of QS Quacquarelli Symonds Limited;</li> <li>2. Information on Faculty student ratio (20%) at the university;</li> <li>3. Citations per Faculty (20%);</li> <li>4. Information on the International Faculty ratio (5%) at the University;</li> <li>5. Information on the International Student Ratio (5%) at the university and its branches;</li> <li>6. Information on the International Research Network (0%) for the 2023 edition;</li> <li>7. Information on the Employment Outcomes (0%) for the 2023 edition</li> </ol>	January-May 2023	Not required	Pro-rector for academic work, Pro-rector for Research and Innovation
15.	Collection of data corresponding to each indicator according to the rating requirements for participation in the "QS University Rankings: Emerging Europe & Central Asia" ranking published annually by QS (Quacquarelli Symonds). Working on inclusion in the list of 300 of this rating	<ol style="list-style-type: none"> <li>1. Information on Faculty student ratio (10%) – updating statistics on the ratio of faculty to students;</li> <li>2. Increasing the number of articles in the Scopus and WoS Database per employee (10%);</li> <li>3. Increasing the number of publications of university faculty members co-authored with international collaborators in connection with the international research network (10%);</li> <li>4. Updating of webometrics' indicators of the University web page (5%);</li> <li>5. Monitoring the citation (Scopus and WoS) corresponding to each article published by the faculty (5%);</li> <li>6. Updating information about faculty members with PhD degrees (5%);</li> <li>7. Updating information on the share of international faculty members working at the university (2.5%);</li> <li>8. Updating information on the share of international students enrolled at the university and its branches (2.5%).</li> </ol>	During 2023	University funds	Pro-rector for academic work, Pro-rector for Research and Innovation, Pro-rector for International cooperation, Information technology Department
16.	Providing information about fairs organized to attract students to university vacancies	Updating information about fairs organized to attract students to university vacancies on the QS-Hub platform of QS (Quacquarelli Symonds).	Continuously	Not required	Pro-rector for academic work

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17.	Attracting graduates of other higher education institutions, including overseas educational institutions to university's graduate studies (Master's and PhD)	Promotion of the university's graduate program opportunities to attract top local and international graduates (Master's and PhD).	Continuously	Not required	Pro-rector for academic work, Pro-rector for Research and Innovation, Masters's Department
18.	Working towards reaching international recognition for journals published at the university	Creation of journal content and publishing requirements of university's journals according to the platform of Uzbekistan journals (Uzbekistan Research Online) formed in collaboration between the Ministry of Higher and Secondary Special Education and Elsevier company. Submission of application to Scopus to include university's journal in the Database.	September-December 2022	University funds	Editor of a scientific journal, Pro-rector for Research and Innovation
19.	Increasing the quality of research in the departments so that the results can be published in peer-reviewed journal that are listed in the Scopus and WoS Databases.	Organisation of high-quality research activities, including publishing of results in the peer-reviewed journals in order to increase the international rating of NSUMT and Nukus Mining Institute in 2023. Development of a plan for publishing articles in journals in the Scopus and WoS Database and carrying out monitoring publications.	Continuously	University funds	Pro-rector for Research and Innovation
20.	Provision of financial incentives for faculty members for publications of articles in journals in the Scopus and WoS Databases	Provision of financial incentives to faculty members for publications in the Scopus and WoS Databases from the university's Development Fund.	Continuously	University funds	Pro-rector for Research and Innovation, Pro-rector for Financial and Economic Affairs
21.	Attracting international students to study at the University	Carrying out activities to invite international students to study at the University.	During the academic year, Continuously	Not required	Pro-rector for academic affairs, Pro-rector for Research and Innovation

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22.	Attracting international academics to the University	Attracting international academics to increase their number by 3-5-fold in 2022-2023. Attracting at least 2 international academics to each Department.	From 2022-2023 academic years on	University funds	Pro-rector for international cooperation, Pro-rector for academic affairs
23.	Strengthening cooperation with prestigious international universities to organise international summer schools	Organisation of summer schools in Navoi and at international university in collaboration	During the academic year, Continuously	University funds	Pro-rector for academic affairs, Pro-rector for Research and Innovation, Pro-rector for international cooperation
24.	Increasing the participation of university academics in international grants and projects	Development of international cooperation for implementation of scientific and educational projects, increasing the share and quality of the scientific-research works, including development of projects under ERASMUS+ and other programs and submitting them to calls.	During the academic year, Continuously	Not required	Pro-rector for academic affairs, Pro-rector for Research and Innovation, Pro-rector for international cooperation
25.	Establishing contacts with expats who graduated from the university	Formation of a database of university graduates that have continued their academic and scientific career at an overseas university or research centres, contacting them and establishing cooperation. Provision of information about alumni on the University's webpage.	Continuously	Not required	Pro-rector for Research and Innovation, Pro-rector for international cooperation
26.	Increasing citation of scientific articles published by university professors in Scopus and WoS databases.	In the used literature section of the article recommended for publication of scientific articles in foreign scientific journals with an impact factor (Scopus and Web of Sciences), citation of faculty members of the University who have a scientific article in the journals listed in the scientific and technical databases of Scopus and Web of Sciences based on their specialization.	Continuously	University funds	Pro-rector for Research and Innovation, Department heads

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27.	Collaborating with colleagues from overseas universities and research centres to produce articles in journals listed in the Scopus and WoS Databases	Collaborating of faculty members with overseas colleagues to obtain news scientific results to publish together in peer-reviewed journals in the Scopus and WoS databases.	Continuously	Not required	Pro-rector for Research and Innovation
28.	Continuous update of university's website taking into account international rating organizations' indicators	Improving the university's website according to international Webometrics indicators and regularly updating information on the site.	Continuously	Not required	Pro-rector for Research and Innovation, IT Department heads
29.	Uploading up to date documents to the website of the university	Updating all linked documents available on university website, changing their metadata to English names, and re-posting them on the website.	September-December 2022	Not required	Pro-rector for Research and Innovation, IT Department Heads
30.	Monitoring of all information posted in English.	Monitoring of information in the website posted in English. Filling in missing information and keep the information up to date.	Continuously	University funds	Pro-rector for academic affairs Pro-rector for Research and Innovation, IT Department Heads
31.	Development of a personal webpage in the university website for faculty members.	Development of a personal webpage in the university website for faculty members to provide academic information for university website visitors.	September-December 2022	University funds	Pro-rector for Research and Innovation
32.	Training on how to input and edit data in the personal cabinet.	Providing trainings on the usage of personal cabinet for faculty members and on how to fill in information.	September-December 2022	Not required	Pro-rector for Research and Innovation
33.	Training on the use of university email.	Training on the use of the university email address for correspondence.	Continuously	Not required	Pro-rector for Research and Innovation
35.	Organization of internship and professional development of academic staff in prestigious	Active participation in various grants, including grants from "El-yurt umidi" foundations, Ministry of Innovative	Continuously	"El-yurt Umidi" Foundation,	Pro-rector for international cooperation

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	overseas universities and research centres	Development and international grants for training academic staff in overseas universities and research centres.		Ministry of Innovative Development funds and others.	
<b>II. To be listed in World University Rankings by Times Higher Education (THE)</b>					
36.	Analysis of universities ranked by Times Higher Education	Continuous analysis of TOP universities' educational systems, their experience and results of the annually listed by THE (Times Higher Education).	Continuously	Not required	Pro-rector for international cooperation
37.	Formation of data to participate in THE's Impact Ranking	Formation and submission of data on each ranking indicator on time to participate in THE's Impact Ranking.	October 2022	Not required	Pro-rector for international cooperation
38.	Compilation of data for participation in THE World University Rankings (Global Ranking).	Compilation and timely submission of data based on ranking indicators to participate in THE World University Rankings (Global Ranking)	January-May2023	Not required	Pro-rector for international cooperation
39.	Development of specific measures of the university to be included in the Times Higher Education WUR ranking.	Development of specific measures for the university's placement in the Times Higher Education WUR rating.	December 2022	Not required	Pro-rector for academic affairs, Pro-rector for Research and Innovation, Pro-rector for international cooperation
40.	Monitoring the publication of scientific articles in journals listed in the Scopus and WoS Databases	1. Monitoring of publishing scientific articles in the journals listed in Scopus and WoS Databases; 2. Providing information to academics on the updates to the journals in Scopus and WoS Databases; 3. Promotion of participation of academic staff in conferences proceedings of which are included in Scopus and WoS Databases;	Yearly	University funds	Pro-rector for Academic Affairs, Pro-rector for Research and Innovation



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		4. Organization of international conferences at NSUMT and publishing of proceedings of the conferences in journals listed in Scopus and WoS Databases; 5. Development of a plan for publishing scientific articles in journals in Scopus and WoS Databases for the fourth quarter of 2022 and monitoring of the results; 6. Publication of more than 1000 articles and abstracts (or publication of more than 150 articles per year) by NSUMT and affiliated academics in journals in Scopus and WoS Database			
41.	Development of a roadmap for international recognition of NSUMT.	1. Collaboration with international scientists in carrying out experiments and in the submitting articles and abstracts to journals and conference proceedings included in Scopus and WoS Database; 2. Increase in the number of published articles in collaboration with international authors in order to achieve higher results in the Academic Reputation Surveys.	Continuously	Not required	Pro-rector for Research and Innovation
42.	Compilation and provision of information to the Times Higher Education's for the five performance indicators used to evaluate the University	Key indicators for the Times Higher Education listing:  <b>Teaching (the learning environment): 30%</b> <ul style="list-style-type: none"> <li>• Reputation survey: 15%</li> <li>• Staff-to-student ratio: 4.5%</li> <li>• Doctorate-to-bachelor's ratio: 2.25%</li> <li>• Doctorates-awarded-to-academic-staff ratio: 6%</li> <li>• Institutional income: 2.25%</li> </ul> <b>Research (volume, income and reputation): 30%</b> <ul style="list-style-type: none"> <li>• Reputation survey: 18%</li> <li>• Research income: 6%</li> <li>• Research productivity: 6%</li> </ul>	Every February-March	Not required	Pro-rector for Academic Affairs, Pro-rector for Research and Innovation, Pro-rector for International Cooperation

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		<p><b>Citations (research influence): 30%</b></p> <p><b>International outlook (staff, students, research): 7.5%</b></p> <ul style="list-style-type: none"> <li>• Proportion of international students: 2.5%</li> <li>• Proportion of international staff: 2.5%</li> <li>• International collaboration: 2.5%</li> </ul> <p><b>Industry income (knowledge transfer): 2.5%</b></p> <p>Provision and signing off NSUMT institutional data for use in the rankings</p>			