University: Navoi State University of Mining and Technologies
Country: Navoi, Uzbekistan
Web Address: https://www.nsumt.uz/

[7] Governance and Digitalization (GD)
[7.13] Policy on Advanced Digital Technologies (AI/IoT, etc.) to Support Decision-Making, Efficiency, and Service Delivery

No	Initiative	Policy Basis	Implementation Scope	Evidence
1	Rector's Regulation on Digital Transformation and ICT Governance	Rector's Order No. 01-GD/2024 on Digital Transformation, Data Governance, and ICT Policy at NSUMT	Applies to all faculties, departments, and administrative units of the university	*Rector's Order; Policy*
2	Integrated Digital Management Systems (HEMIS & EDO)	Rector's Order No. 01-GD/2024 Digital Transformation Roadmap 2024–2027	Institution-wide: academic records, student progress tracking, HR workflows, document management, and administrative approvals across all faculties and units	*HEMIS platform screenshots; EDO system reports; Department of Monitoring reports*
3	IoT-Based Smart Facility & Energy Monitoring	Smart Campus Initiative Policy GreenMetric Sustainability Framework	IoT sensors and SCADA systems monitor solar panel output (570,000 kWh in 2025), wind energy (1,314 kWh), electricity consumption (540,000 kWh in 2025), and smart meters across all campus buildings	*Energy generation dashboards; smart meter analytics; annual CO2 emission reports*
4	AI-Assisted Research Decision Support (Monitoring.ilmiy.uz & LIMS)	National Research Monitoring Policy	Used by Department for Science and Research Innovations and Centre for Digital Education Technologies to plan research roadmaps, track publication	*Online data at monitoring.ilmiy.uz; slab.gov.uz LIMS reports;*

		Rector's Order No. 01-GD/2024	output, and manage laboratory data across all scientific departments	*research progress reports via HEMIS*
5	Paperless Administration & E-Document Workflow (EDO)	Paperless Administration Guideline National E-Government Framework of Uzbekistan	Digital document creation, approval, and archiving across the rectorate, all faculties, and administrative departments; replaces paper-based workflows for routine tasks	*EDO platform usage records; document flow statistics; Department of Monitoring audit reports*
6	GPS-Based Smart Transportation Monitoring	Rector's Order No. 01-GD/2024; Transportation Policy	Real-time GPS tracking of university shuttle fleet; route optimization and passenger usage analytics managed by the Transportation Office and Digital Education Technologies Centre	*GPS tracking system screenshots; shuttle usage analytics reports; route efficiency evaluation reports*
7	ICT-Supported Waste & Water Management Systems	GreenMetric Sustainability Policy Rector's Order No. 01-GD/2024	RFID-labeled waste bins, IoT composting controls, real-time water meters, and digital monitoring dashboards deployed across campus	*GreenMetric portal dashboards; monthly waste/water tracking records*
8	Annual ICT Performance Review & Continuous Improvement	Annual ICT Performance Review Framework	Annual evaluation of all digital systems through surveys, KPI monitoring, and stakeholder feedback. Coordinated by Digital Education Technologies Centre; results used to update systems, retrain staff, and plan upgrades	*Annual ICT evaluation reports; online survey results; Digital Education Technologies Centre annual reports*

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):