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

[7] Governance and Digitalization (GD)
[7.20] LMS-Enabled Digital Literacy Program (GD.12)

Navoi State University of Mining and Technologies implements digital literacy across all operational and academic domains through a structured, ICT-integrated framework governed by Rector's Order No. 01-GD/2024 on Digital Transformation, Data Governance and ICT Policy. The university utilizes two core digital platforms **HEMIS** (academic management) and **EDO** (electronic document management) to support student learning, administrative workflows, and institutional monitoring, effectively functioning as the university's primary Learning Management infrastructure.

Smart campus technologies, including interactive whiteboards, face recognition systems, and smart classroom tools, are installed and maintained by the Digital Education Technologies Centre (DETC), enabling technology-enhanced teaching and learning environments. ICT is further applied across sustainability programs, covering energy, water, waste, and transportation through IoT sensors, GPS tracking, smart meters, and real-time dashboards, equipping students and staff with hands-on exposure to digital tools in practice. Research literacy and digital competence are supported through national platforms such as monitoring.ilmiy.uz and slab.gov.uz, alongside collaborative tools including Zoom and Microsoft Teams. Annual online surveys and digital feedback mechanisms are used to evaluate ICT effectiveness, ensuring continuous improvement of the university's digital education ecosystem.

INFORMATION RESOURCE CENTER AT NAVOI STATE UNIVERSITY OF MINING AND TECHNOLOGIES

The Information Resource Center (IRC) at Navoi State University of Mining and Technologies serves as a comprehensive educational and research hub designed to support academic excellence and foster independent learning among students and faculty. With a strong technological foundation, extensive physical and digital collections, and wide-reaching collaborations, the IRC is one of the region's most advanced university library systems.



Infrastructure and Facilities

The IRC includes five main reading rooms with a total seating capacity of 216, providing spaces for reading printed publications, engaging with literary works, and accessing electronic literature. Supplementing these are:

- Two dedicated book storage rooms
- Eight auxiliary rooms for administrative and support purposes
- Two additional 20-seat reading rooms established at the Faculty of Agriculture, in response to user demand
- A 20-seat reading room at the university dormitory library, equipped with over 4,000 educational resources

In total, the IRC accommodates up to 280 users simultaneously. Including the dormitory facility, this number rises to 300 seats. To enhance digital accessibility and user experience, the IRC has invested in modern IT infrastructure:

- 60 internet-enabled computers (monoblocs) have been procured and installed. Of these 20 computers were acquired in 2024 and 10 more were added in 2025.
- High-speed Wi-Fi zones *(ranging from 300 to 800 Mbps)* are available throughout the center.

- Electronic QR-code boards installed in both the IRC and dormitory for quick access to digital resources.
- 24/7 open access for registered users across Navoi Region and Uzbekistan, with free subscriptions for all university members and nearby residents.

Resources and Digital Transformation

The IRC's total book collection comprises nearly 254,600 volumes, distributed as follows:

- 160,000 electronic books
- 94,512 printed books

DETAILED BREAKDOWN OF COLLECTION		
TYPE OF LITERATURE	NUMBER OF TITLES	NUMBER OF COPIES
Textbooks	2,476 titles	23,764 copies
Scientific Literature	375 titles	6,208 copies
Study Guides	3,056 titles	36,357 copies
Fiction	5,979 titles	14,668 copies
Other Literature	1,497 titles	10,409 copies

Electronic Library

The electronic library portal contains over 160,000 full-text publications across 37 categories, including:

- Textbooks and instructional materials
- Fiction and classic literature
- Scientific and technical journals
- Foreign publications and academic resources

Additionally, over 1,000 foreign electronic books, collected by professors during international internships have been added to the database.

The system supports:

- Remote search
- Book reservations
- Personalized notifications on new arrivals
- Online usage statistics tracking
- Automatic overdue reminders

For students with visual impairments, the IRC provides:

- Over 400 audio books
- 10 specialized computers equipped with adaptive software and high-quality headphones

Information and Library Management System (ILMS)

The IRC has fully implemented an Information and Library Management System (ILMS), a digital platform that:

- Maintains full bibliographic records and inventory
- Allows online user registration and login
- Supports book searches, ordering, and digital content downloads
- Generates detailed usage statistics (most active reader, most borrowed book, group engagement, etc.)
- Sends automatic reminders to users with overdue books
- Offers data analytics for IRC administration

Currently, the ILMS is used by 11,944 faculty members and students, and includes:

- 9,072 book titles
- 26,913 total copies



Additional books are continually being digitized and added to the ILMS database. Through the ILMS, users can remotely search for textbooks, literary, and scientific works, place orders, and receive online notifications about books added to the collection.

The IRC maintains usage statistics for both academic staff, students and all members of the IRC across Uzbekistan. Comprehensive facilities have been created for students to independently pursue knowledge within the IRC. To facilitate remote access to IRC collections, each user is assigned a unique membership number, and instructions on how to use the IRC software are provided during "First-Year Orientation" events.

International and Regional Collaboration

The IRC maintains strong academic and professional ties through partnerships with:

- Nearly 30 regional Information Resource Centers
- All libraries under the Navoi Mining and Metallurgy Combine (NMMC)
- The IRC of Navoi State University
- Abdulla Kodiri Regional Information and Library Center
- Navoi Regional Training Institute IRC
- Karmana District Information and Library Center
- Two academic lyceum libraries affiliated with NSUMT

A collaborative initiative with NMMC led to the development of the Unified Information Scientific-Educational Portal, which provides:

- Artistic and fiction literature
- Scientific and educational resources
- Access to international academic databases

Access to Prestigious Academic Databases

To support advanced research and international academic standards, the IRC provides direct access to globally recognized digital databases. The database is connected to 11 libraries, including:

- EBSCO
- Scopus
- ScienceDirect
- Mathematical Science Publishers (MSP)

These resources allow faculty and students to engage in cutting-edge research, stay updated on global scientific developments, and contribute to international academic discourse.

THE “MUTOLAA” NATIONAL READING PROJECT

The “Mutolaa” Reading Project is a nationwide cultural and educational initiative launched across Uzbekistan to cultivate a deep appreciation for reading, especially among youth. The project is supported at a national level by the government and educational institutions, with the goal of reviving reading culture, popularizing the masterpieces of Uzbek and world literature, and digitizing literary heritage for wide accessibility.



University Subscription for Free Access

Recognizing the educational value and cultural impact of this initiative, Navoi State University of Mining and Technologies has officially subscribed to the Mutolaa Project. As a result:

- All faculty members, students, and staff of the university now have full and free access to the Mutolaa digital content via the Information Resource Center (IRC).
- The service is integrated into the IRC’s digital library system and is available on all computers at the center, with staff assistance provided for new users.
- Mutolaa content can also be accessed via the university’s Wi-Fi network, allowing on-campus users to connect on their personal devices.

Content and Services Provided by Mutolaa

The Mutolaa platform delivers a wide array of digitally accessible educational and literary resources through various formats and platforms:

Features of the Project:

- E-books & Audiobooks: Carefully curated digital and audio versions of more than 2000 classical and modern works from Uzbekistan and global literature.
- Video Books: Engaging, short-form adaptations of literary works to attract young readers and visual learners.
- Digital Library Access: Books are professionally digitized using modern scanning technology, ensuring high-quality readability and accessibility.

Platforms and Accessibility:

- Available on mobile applications
- Actively maintained YouTube, Instagram and Telegram channels that share book recommendations, provide educational updates and host community reading campaigns and virtual book clubs.

Users can:

- Read and listen to books
- Watch educational videos
- Download content for offline use
- Stay updated on newly released materials

Project Goals and National Impact

The “Mutolaa” initiative is a major pillar of Uzbekistan’s efforts to foster a knowledge-based society. Its primary goals include:

- Encouraging youth to develop lifelong reading habits
- Supporting the intellectual and cultural development of the population
- Providing free access to classic and modern literature in multiple formats
- Promoting literacy, creativity, and critical thinking among students

Integration at Navoi State University of Mining and Technologies

By integrating Mutolaa into the IRC’s digital ecosystem, the university ensures that:

- Students and faculty benefit from nationwide digital literacy resources
- A culture of independent reading is actively promoted within the academic community
- Educational equity is supported by giving all students, including those from remote or disadvantaged backgrounds, access to high-quality literary and educational materials

Whether for leisure reading, academic enrichment, or language development, the Mutolaa platform offers an inclusive and modern way for university members to explore and enjoy reading in a format that suits their needs.

COMMUNITY ENGAGEMENT AND OPEN ACCESS

The IRC is open to the public, with free subscription-based access. It is accessible 24/7, supporting students' and teaching staff's academic schedules and research needs. The center records over 300,000 visits annually, reflecting its essential role in the university's academic life.

The Information Resource Center of Navoi State University of Mining and Technologies stands as a modern, innovative, and inclusive academic hub. It seamlessly blends traditional learning resources with cutting-edge technology and international access, playing a pivotal role in nurturing a generation of highly skilled, research-driven professionals.

By integrating systems like ILMS, collaborating with national and international partners, and supporting initiatives like "Mutolaa", the IRC empowers students, faculty, and the wider community with the tools and knowledge needed for success in today's rapidly evolving World.

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

https://mutolaa.com/uz
https://unilibrary.uz/
https://kitob.ngmk.uz