

PRODIGE

PROMOTING HIGH-QUALITY DIGITAL EDUCATION IN GEORGIA

Tbilisi State Medical University

Strategy for digital education



- Establish Tbilisi State Medical University as a leader in digital medical education.
- Leverage innovative technologies to enhance teaching and learning experiences.
- Foster interactive and engaging digital learning environments.
- Ensure equitable access to high-quality medical education for all students.
- Transform traditional medical education into a dynamic, technology-driven ecosystem.
- Support personalized learning pathways for students.
- Promote collaborative and interdisciplinary research through digital means.
- Enhance global connectivity and knowledge exchange.
- Create an inclusive, data-driven academic environment.
- Continuously evolve to meet the demands of modern healthcare education and practice.

- Enhance digital learning infrastructure for medical students and faculty.
- Integrate cutting-edge digital tools and resources into the curriculum.
- Improve accessibility and inclusivity in medical education through online platforms.
- Foster digital literacy among students and faculty.
- Develop interactive and immersive learning experiences using AI, VR, and AR.
- Establish a robust evaluation system to ensure continuous improvement in digital education.

- TSMU students (undergraduate, postgraduate, and doctoral levels).
- Faculty members and researchers.
- Healthcare professionals seeking continuous professional development.
- Academic staff involved in academic management.

- **Technological Infrastructure:** High-speed internet, cloud storage, Learning Management Systems (LMS) like Moodle, Blackboard, or Canvas.
- **Digital Content:** E-books, recorded lectures, virtual labs, interactive case studies.
- **Online Platforms:** University website, mobile applications, video conferencing tools (Zoom, MS Teams, Google Meet).
- **Faculty Training:** Workshops, certification programs for digital teaching methods.
- **AI, VR, and AR Integration:** Virtual patient simulations, anatomy visualization, AI-powered assessments.
- **Collaborations:** Partnerships with medical institutions, technology companies, and e-learning platforms.

- **Assessment of Current Digital Capabilities:** Conduct a needs analysis to evaluate existing resources and identify gaps.
- **Infrastructure Development:** Upgrade LMS, enhance cloud storage, and ensure cybersecurity measures.
- **Faculty Development:** Organize training programs for educators to familiarize them with digital tools.
- **Content Digitalization:** Convert traditional course materials into interactive digital formats.
- **Integration of Emerging Technologies:** Develop VR/AR-based modules for practical learning.
- **Student Engagement Initiatives:** Implement discussion forums, gamification, and digital badges for achievements.
- **Quality Assurance:** Establish an evaluation and feedback system to track progress and effectiveness.
- **Pilot Programs & Scaling:** Start with select courses, gather feedback, and expand to all programs.
- **Policy Formulation:** Develop guidelines for online learning, assessments, and accreditation.

- **Student Performance Metrics:** Digital engagement rates, exam scores, course completion rates.
- **Faculty Adoption:** Percentage of faculty using digital tools, feedback from educators.
- **Technology Usage Analytics:** LMS activity, participation in digital training programs.
- **Student & Faculty Satisfaction:** Surveys, focus groups, and feedback forms.
- **Graduate Outcomes:** Employment rate and employer feedback on digital competency.
- **Infrastructure Efficiency:** System uptime, user-friendliness, and accessibility improvements.

The digital education strategy of Tbilisi State Medical University (TSMU) reflects a forward-thinking approach to integrate modern technology into academic frameworks. By embracing digital tools and platforms, TSMU aims to enhance accessibility, flexibility, and engagement in its educational offerings, ensuring a broader reach for students both locally and globally. The strategy emphasizes the importance of fostering digital literacy, equipping both educators and students with the skills to thrive in an increasingly tech-driven world. With its focus on innovation, collaboration, and continuous improvement, TSMU is well-positioned to meet the evolving demands of higher education in the digital age. This forward-looking vision is poised to strengthen TSMU's role as a leader in modern education while contributing to the digital transformation of the academic sector in Georgia and beyond.

THANK YOU !

FOR PROMOTING HIGH-QUALITY DIGITAL EDUCATION IN GEORGIA

