



Digital Campus Master Plan (2026–2030)

Chirchik State Pedagogical University (CSPU)

Approved by Center for Digital Educational Technologies (CDET), Educational Process Management Division

Plan Duration: 2025–2030

1. Vision and Mission

Vision: To transform Chirchik State Pedagogical University into a fully digital, data-driven, and sustainable smart campus that enhances educational quality, research productivity, and institutional efficiency through innovative CDET integration.

Mission:

- To digitize all academic and administrative processes through modern CDET infrastructure.
- To provide a seamless digital learning environment that supports innovation, accessibility, and inclusion.
- To ensure sustainable management of energy, water, and other campus resources through CDET-enabled monitoring systems.
- To promote digital literacy, cybersecurity awareness, and lifelong learning among students and staff.

2. Strategic Goals and Focus Areas

No.	Goal	Key Focus Areas	Performance Indicators
1	Build an integrated CDET ecosystem	Campus network upgrade, centralized data storage, high-speed Wi-Fi coverage	100% Wi-Fi coverage, 99% network uptime
2	Develop smart learning environments	Smart classrooms, digital laboratories, e-learning management systems	≥ 60 smart classrooms by 2028
3	Digitalize administrative operations	ERP systems, e-document management, electronic attendance, HR systems	90% administrative processes digitized
4	Strengthen data-driven governance	Data analytics dashboards, decision-support systems, performance tracking	Annual institutional performance report
5	Enhance sustainability through CDET	Smart energy, water, and waste monitoring systems	15% reduction in energy & water use by 2030
6	Ensure digital inclusion and accessibility	Assistive technologies for students with disabilities	100% accessibility compliance by 2029

3. Implementation Framework

Phase I – Planning (Jan 2025 – Mar 2025):

- Conduct comprehensive CDET infrastructure assessment.
- Identify user needs (students, faculty, admin).
- Develop policies on CDET use, data security, and sustainability.
- Establish Digital Transformation Committee and assign responsibilities.
- Prepare budget and timeline for all CDET initiatives.

Phase II – Development and Deployment (Apr 2025 – Dec 2026):

- Install high-speed fiber-optic network backbone.
- Develop a University Data Center and migrate systems to cloud architecture.
- Equip all faculties with smart classrooms (interactive panels, projectors, hybrid learning systems).
- Launch upgraded Learning Management System (LMS) integrated with Moodle, Turnitin, and Google Workspace.
- Introduce a Digital Student Portal for course registration, grades, and feedback.

Phase III – Integration and Monitoring (Jan 2027 – Dec 2028):

- Integrate all digital services under a unified campus platform.
- Deploy IoT-based systems for energy, lighting, and water monitoring.
- Introduce digital attendance systems using QR or biometric tools.
- Conduct network performance audits and cybersecurity risk assessments.
- Gather data through analytics dashboards to guide decision-making.

Phase IV – Evaluation and Sustainability (Jan 2029 – Dec 2030):

- Evaluate CDET impact on learning outcomes and operational efficiency.
- Collect feedback from all stakeholders via online surveys.
- Update the digital strategy for 2031–2035.
- Prepare GreenMetric and QS Digital Campus sustainability reports.

4. CDET Utilization Areas

Area	Technology Used	Purpose
Academic Management	LMS (Moodle, Google Classroom), Turnitin, AI tutors	Course delivery, e-learning, plagiarism control
Administration	ERP system, E-office, DocuSign	Paperless administration and workflow automation
Communication	MS Teams, Zoom, Telegram bots	Internal/external collaboration
Infrastructure	IoT sensors, CCTV, smart meters	Security and energy/water monitoring
Data Analytics	Power BI, SPSS, Excel Dashboard	Decision-making and performance tracking

5. Governance Structure

Committee/Unit	Key Responsibilities
CDET Committee	Strategic oversight, CDET budgeting, and infrastructure planning
Educational Process Management Division	Digital pedagogy, smart classroom integration, e-learning support
Institutional Research Division & Quality Assurance Office	Data analysis, CDET evaluation, reporting
Facility Management Department	Maintenance of CDET hardware, security systems,

	and physical infrastructure
Finance Department	Allocation of digital transformation funds and procurement control

6. Monitoring and Evaluation Indicators

Indicator	Measurement Tool	Frequency	Responsible Unit
Network uptime	CDET dashboard	Monthly	CDET Dept
Smart classroom usage	LMS log data, class reports	Semesterly	Academic Affairs
Energy & water consumption	IoT monitoring reports	Quarterly	Facility Management
Student & staff satisfaction	Digital surveys	Annually	Institutional Research
CDET impact on learning	Academic performance comparison	Annually	Academic Council

7. Expected Outcomes by 2030

- Fully operational Smart Campus with integrated digital management systems.
- Enhanced teaching quality through interactive and hybrid learning environments.
- Real-time monitoring of environmental resources through CDET.
- Reduction of paper use by 80% (paperless university initiative).
- Improved institutional ranking and sustainability indicators (QS, THE, GreenMetric).