

PSBU SDG 17.16 Policy: Technology, Knowledge Sharing, and Innovation

Purpose

PSBU recognises that knowledge exchange, open access resources, digital technologies, and innovation are critical to fulfilling PSBU's mission, enhancing educational quality, and promoting social development. This policy defines how PSBU will foster technology-driven innovation, share knowledge broadly, and ensure equitable access to digital learning tools, especially for rural or disadvantaged learners.

Scope

This policy applies to all PSBU activities involving technology, research, innovation, library / knowledge resources, international and local partnerships, and digital learning. It includes academic departments, the library (including the E-Library), ICT units, outreach programmes, and collaboration with external partners (domestic and international).

Policy Commitments

PSBU commits to:

1. Expand the PSBU E-Library with International Contributions

- Acquire, licence, or collaborate to include e-books, journals, databases, and open-access resources from international publishers and research partners.
- Promote open educational resources (OERs) where possible to reduce cost barriers for students.
- Maintain adequate technical infrastructure and stable internet access to ensure all students and staff can reliably access digital library resources.

2. Partner with Technology Providers to Deliver Digital Learning Platforms

- Work with established technology companies and educational technology (EdTech) providers to deploy platforms for online, blended, and distance learning.
- Ensure platforms are accessible, user-friendly, and adapted to local conditions (e.g. low bandwidth, mobile-friendly).
- Provide necessary training and support for staff and students to use digital tools effectively.



កុំភ័យខ្លាច ចូលរួមព្រះសីហមុនីរាជា

Date:

3. Encourage Research and Innovation in Sustainable Technologies, Education Systems, and Community Development

- Support faculty and student research in areas such as sustainable tech, digital pedagogy, inclusive education systems, and renewable/green innovation.
- Offer seed funding or grants for pilot projects that test innovative educational or community technologies.
- Include innovation goals in institutional strategic planning.

4. Share Best Practices through PSBU's Memberships and Global Networks

- Actively participate in international higher-education networks, knowledge sharing consortia and digital education forums.
- Share PSBU's own case studies, innovations and teaching practices with partner institutions.
- Host or co-host seminars, workshops, webinars on technology and innovation themes.

Responsibilities

- Rector / University Leadership: endorse this policy; ensure strategic alignment; provide investment in infrastructure and partnerships.
- Library Services / E-Library Team: lead development of digital collections; negotiate international licences; manage open access initiatives.
- Information & Communication Technology (ICT) / Learning Technology Unit: work with tech providers; ensure platform reliability; provide training and support.
- Academic Departments & Faculty: identify innovation areas; lead or participate in research; integrate digital practice into teaching.
- External Relations / Partnerships Office: establish tech-partner collaborations; bring in expertise and resources.
- Quality Assurance / Institutional Research Office: monitor usage, impact, access, and outcomes; collect data; report; ensure equity in access.

Measurement & Accountability

Key Performance Indicators (KPIs) will include:

- Number and percentage of international digital resources (e-journals, open access publications) added to the E-Library.
- Number of digital learning platforms in use; proportion of courses delivered via online or blended formats.



ពុទ្ធិកសាគរវិទ្យាល័យព្រះសីហមុនីរាជា

Date:

- Student/staff satisfaction with digital infrastructure and access, particularly in rural / disadvantaged regions.
- Number of research or innovation projects in sustainable or educational technologies.
- Number of knowledge-sharing events, publications, or presentations through PSBU's global memberships or networks.

Annual reporting to governance bodies, with summary reports made available to PSBU community.

Related Policies & Strategies

- PSBU SDG 17.9 (Capacity-Building Partnerships)
- PSBU SDG 4 (Quality Education), especially on teacher training, lifelong learning and infrastructure.
- ICT / Technology Use / Data Governance Policies
- Open Access / Research Data Sharing Policies

Review Cycle

Policy will be reviewed every three years, or sooner if:

- Emerging technologies or digital challenges demand updates;
- Institutional data show persistent gaps in access or usage;
- Partnerships or global norms in open access or EdTech evolve significantly.



External Best Practice Benchmarks

Here are several examples from Australian universities / higher-education sector practice that illustrate how technology, knowledge sharing, and innovation are embedded in policy and practice. PSBU can adapt these lessons to strengthen its own policy.

Institution / Initiative	Key Features / Practice	Relevance for PSBU
Bond University – Research Data Management and Sharing Policy	Bond has a formal policy requiring that publicly-funded research data be managed in ways that facilitate access, re-use, and sharing, with attention to ethics, licensing, and international guidelines. (Bond University)	PSBU can adopt similar practices for research data: ensuring proper data management, open-access sharing, and aligning with international norms.
Australian Catholic University – Data and Information Governance Policy	ACU has a policy that insists data are “accessible, secure, reusable” and managed as a strategic asset. Includes information on sharing, classification, privacy, and reuse. (Policy Library)	PSBU could adopt or adapt data governance standards to ensure the digital resources and E-Library data are well managed and usable over time.

ព្រះរាជាណាចក្រកម្ពុជា

KINGDOM OF CAMBODIA

ជាតិសាសនា ព្រះមហាក្សត្រ

NATION RELIGION KING

PSB
UNIVERSITY
CAMBODIA



កុំភ័យខ្លាចចំណូលប្រាក់សិស្សសិស្ស

Date:

UNSW Sydney – Information Governance Policy	UNSW has an enterprise-wide policy covering usage of information resources, digital platforms, records, and AI tools. Emphasis on compliance with laws, ethics, data security, privacy. (UNSW Sites)	Provides a model for how PSBU might frame usage, access, governance, and ethical use of digital tools and information resources.
University of Western Sydney – Blended Learning / Strategic ICT Framework	Has developed blended learning quality processes, tools, and frameworks to engage students using a mix of online and face-to-face modes, aligned with technology enhancements and user support. (ERIC)	PSBU can learn from blended learning frameworks: ensuring learning modes are varied, well supported, and designed with student needs (including rural / low-bandwidth) in mind.
Labshare Consortium – Remote Lab Sharing (Australia)	A consortium of several universities sharing remote laboratories so students can access experiments and labs virtually. Increase access, resource-sharing, cost effectiveness. (Wikipedia)	PSBU could explore similar cooperative or shared infrastructure with partner universities (e.g. remote labs or virtual labs), especially useful for STEM or practical disciplines.



Next Review Date: September 2026 (Academic Year 26/27)

Svayporpe Pagoda in Front of Russia Embassy, Sangkat Tonle Basac, Khan Chamkarmorn, Phnom Penh, Cambodia

Tel: +855 16 43 43 25, +855 86 402 402 Web: inter.psbu.edu.kh Email: info@psbu.edu.kh / inter@psbu.edu.kh