

JAPAN-PACIFIC ICT CENTRE



In order to fulfill its learning, teaching, and research mandate to a huge geographical region composed mostly of open ocean, USP has always embraced the latest distance learning technologies. The completion of the new Japan-Pacific ICT Centre has firmly established USP as the regional leader in ICT technology and services. The Japan-Pacific ICT Centre enables the University to offer new Computer and Information Science degree programs to fully utilize the potential of USPNNet, and ultimately provide more and better ICT services to the Pacific region.

Construction of the new centre, a US \$21.5 million (F\$43 million) Japanese Grant Aid Project was completed in April 2010 on schedule.

The Ambassador of Japan, His Excellency Mr. Yutaka Yoshizawa, announced, "Japan is now in the process of awarding another tender, to the tune of 857 million yen, which

is equivalent to FJ \$16.1 million, for the construction of a multi-purpose Lecture Theatre. Work on this should commence as early as June this year".

The Vice-Chancellor and President Professor Rajesh Chandra has commented that this investment reflects Japan's confidence in USP's role as a quality provider of higher education in the region, and support for the University's commitment to increase access to higher education through its Distance and Flexible Learning programs.

All Pacific Regional member countries are expected to benefit from the project, which is being implemented under JICA's Pacific Regional Program to utilize ICT for advancing human development and ensuring human security in the Pacific Region.

The official opening of the new Japan-Pacific ICT building will be held in early July 2010.

Offices and Sections under the Japan-Pacific ICT Centre

1. ICT Centre
2. IT Services
3. School of Computing, Information and Mathematical Sciences
4. School of Engineering and Physics labs

Facilities available

- Research Laboratory
- Video Conference room
- Conference room
- Digitization room
- Radio Pasifik
- 2 Professional and Development Labs (25 PC's each)
- 2 General Access Labs (60 PC's each)
- 1 Dedicated Networking lab (40 PCs)
- 4 Dedicated Computer Teaching Labs (40 PCs each)
- 20 High-end Servers
- 3 Incubation Offices
- Test bed/Incubator
- Full backup Power Generator

Professional training courses that will be offered

1. Cisco Academy
2. RedHat Linux Academy
3. ITU Web-Design Academy
4. CompTIA Training
5. Microsoft Trainings



Total floor space of ICT Centre: 6,500m²

School of Computing, Information and Mathematical Sciences

The School of Computing, Information and Mathematical Sciences currently offers the following undergraduate and postgraduate programs in Computing Science and Information Systems.

- Bachelor of Science in Computing Science
- Bachelor of Science in Information Systems
- Bachelor of Art in Information Systems
- Postgraduate Diploma in Computing Science
- Postgraduate Diploma in Computing and Information Systems
- Postgraduate Diploma in Enterprise Information Systems
- Master of Computing and Information Systems
- Master of Science in Computing Science
- Master of Science in Information Systems
- PhD in Information Systems
- PhD in Computing Science

USP-JICA ICT for Human Development and Human Security Project

Project Outline

Project Period:	3 years (Feb.2010 – Jan.2013)
Project Total Budget:	Around \$US 3.0 million
Long-Term Experts:	Chief Advisor / Project Coordinator
Short-Term Experts:	10 experts / year (Curriculum Advisor, Satellite Communication, ITIL, Network Monitoring, Distance Learning Pedagogical Technique, CERT establishment etc.)
Training:	Short-Term Training in Japan (NOC, PacCERT etc.) Long-Term Training in Japan (Master/PhD)
Equipment:	Satellite Equipment, Network Equipment, Servers, PCs etc.

Project Activities

The JICA project, in collaboration with key stakeholders at USP, provides support for four components including:

- 1) Designing two new undergraduate majors in Software Engineering and Net-Centric Computing,
- 2) Optimizing performance and scalability of USPNet,
- 3) Enhancing Distance and Flexible Learning (DFL) technologies, and
- 4) The utilization of the ICT Centre for local and regional development.