Aphirak JANSANG

Education

2012   **D.Eng. in Computer Engineering**, *Kasetsart University*, THAILAND.

thesis: *IEEE 802.11e Wireless LANs Enhancement for Supporting Variable Bit Rate Traffic*

advisor: Anan Phonphoem, Associate Professor

2003   **M.Eng. in Computer Engineering**, *Kasetsart University*, THAILAND.

thesis: *Framework Architecture For Multimedia Support in Wireless Polling System*

advisor: Anan Phonphoem, Assistant Professor

GPA: 3.68

2000   **B.Eng. in Computer Engineering**, *Kasetsart University*, THAILAND.

Second Class Honours

GPA: 3.38

Work experience

Jan 2004 – Present   **Faculty member**, *Kasetsart University*, Bangkok, THAILAND.

Lecturing position in Computer Engineering Department

o Teaching in following subjects:
- 204111 – Computers and Programming
- 204223 – Practicum in Computer Engineering
- 204422 – Data Communications and Network Laboratory
- 204426 – Network Configuration

Jan 2001 – Oct 2004   **Teaching Assistant**, *Kasetsart University*, Bangkok, THAILAND.

o Teaching Assistant in following subjects:
- 204111 – Computer and Programming
- 204312 – Probability and Random Process for Computer Engineering
- 204422 – Computer Communication and Network Laboratory
- 204498 – Special Problems - Network Configurations
- 214574 – Practical Workshop in IT - Networks

Jul 2007 – Oct 2011	**Teaching Assistant**, *Kasetsart University*, Bangkok, THAILAND.
	○ Teaching Assistant in following subjects:
	   – 204112 – Information Technology for Engineers
	   – 204312 – Probability and Random Process for Computer Engineering
	   – 204422 – Computer Communication and Network Laboratory
	   – 204498 – Special Problems - Network Configurations
	   – 214574 – Practical Workshop in IT - Networks

Honours and Awards

2001	**1st NECTEC Linux Installation Competition: NLC#1**, *The Second Runner-Up.* National Electronics and Computer Technology Center, THAILAND
1997	**Excellent Study Medal**. Faculty of Engineering, Kasetsart University, Bangkok, THAILAND

Research exchange

2007	**28 May – 26 June**, *Co-supervised by Prof. Beatrice Paillassa at IRIT lab – ENSEEIH, Networks&Tele. Dept., Toulouse, France (Franco-Thai)*.

Publications

International journals

[1] Aphirak Jansang and Anan Phonphoem. Adjustable txop mechanism for supporting video transmission in ieee 802.11e hcca. *EURASIP Journal on Wireless Communications and Networking*, 2011(1):158, 2011.

International conferences

[2] Aphirak Jansang, Anan Phonphoem, and Beatrice Paillassa. Analytical model for expected packet delay evaluation in ieee 802.11e. In *Communications and Mobile Computing, International Conference on*, volume 2, pages 344–348, Los Alamitos, CA, USA, 2009. IEEE Computer Society.

[3] Aphirak Jansang and Anan Phonphoem. Framework architecture for wlan testbed. In *Proceedings of the 3rd Asian Mobile Computing, AMOC2004*, pages 96–100, Bangkok, THAILAND, 2004.

[4] Anan Phonphoem and Aphirak Jansang. A simple network management architecture for supporting network administrator and qos requirements. In *Proceedings of the 15th international conference on Computer communication*, ICCC '02, pages 442–451, Washington, DC, USA, 2002. International Council for Computer Communication.