National StrITwise™ Challenge
Fact Sheet

National StrITwise™ Challenge is proud to be part of the National Infocomm Competition (NIC) under the Secondary School.

Synopsis of Competition

The National StrITwise™ Challenge is a flagship national IT competition organized for the secondary schools and students. StrITwise™ is a broad-based infocomm and interactive digital media competition, conceptualized by Ngee Ann Polytechnic's School of InfoComm Technology, with the objective of developing the awareness and interest of IT amongst the youth in a fun and engaging way. It is endorsed and supported by Infocomm Development Authority (IDA), Ministry of Education (MOE), Media Development Authority (MDA), Singapore Infocomm Technology Federation (SITF) and Singapore Computer Society (SCS). The Challenge made its first inaugural debut in 2005.

StrITwise™ provides a conducive platform for our youth to acquire basic infocomm and digital media skills through a series of training workshops conducted by Ngee Ann Polytechnic's School of InfoComm Technology and partners. The students are then encouraged to apply their creativity, strategic thinking and acquired skills to compete in teams while learning soft skills of teamwork, pitching and competition sportsmanship.

The Challenge requires teams of up to six to participate in all three components to the competition:

- **StrITwise™ RoboCode** (simple programming to create a virtual robot to battle online)
- **StrITwise™ RoboDesign** (design of a virtual robot)
- **StrITwise™ IT-Savvyness** (general quiz on infocomm & digital media)

The StrITwise™ Robocode will test students' strategy and skills in software programming whilst StrITwise™ Robodesign will test students' creativity in designing a live-size graphical "virtual" robot as well as a virtual storyboard using animation software like Adobe Flash professional, Adobe Fireworks / Photoshop. The StrITwise™ IT Savvyness will test students on general streetwise IT knowledge and skills.

Target Audience

This challenge is open to all secondary schools students. Each school may register up to three teams with each team up to six students. The National StrITwise™ Challenge Trophy will be awarded to the school of the champion team and attractive prizes will also be awarded to the top fifteen teams.

Scoring system
Points will be awarded on each of the components in this manner:

- Part (1) : StrITwise™ Robocode (40 points)
- Part (2) : StrITwise™ Robodesign (40 Points)
- Part (3) : StrITwise™ IT Savvyness (20 Points)

The team will the highest number of points will be declared as the National StrITwise™ Challenge Champion for the school.

Prizes

More than $10,000 worth of attractive prizes to be won!

Champion:	One National StrITwise™ Challenge Trophy. Trophies & Attractive Prizes
Runners-Up:	Trophies & Attractive Prizes
2nd Runners-Up:	Trophies & Attractive Prizes.

Teacher-in-charge of the winning teams will also be given prizes.

Attractive Merit prizes will also be given to secondary school teams ranked in the top 15th in this challenge.

Rules and Regulations

- StrITwise™ is open to all current secondary school students.
- Each Secondary School can send a maximum of three teams.
- Each team <u>should have</u> six students. Relevant training sessions will be conducted to assist students in their preparation for the challenge.
- Each team must compete all three components
- More detailed information of the challenge will be given in the "Preparation" and "Rules" sections.
- The decisions of the Organising Committee will be final.
- The Organising Committee reserves the rights to change the rules and regulations where they deem fit without prior notice; to suspend or cancel the challenge; and to use or modify submitted codes/designs/stories for publicity or any other events/purposes after the challenge.

- Registration deadline is on 31 October 2007.
- The contest is held on 17 November 2007.
- For details, please refer to http://stritwise.ict.np.edu.sg/

Contact details

Mr Fabian Ng
Chair, National StrITwise™ Challenge
School of InfoComm Technology
Ngee Ann Polytechnic

email: nyt@np.edu.sg
Tel: 64606885

Mr Chang Bin Haw
V Chair & Main Coodinator
National StrITwise™ Challenge
School of InfoComm Technology
Ngee Ann Polytechnic

email: cbh5@np.edu.sg
Tel: 6460 6857

About the National Infocomm Competition

The National Infocomm Competition is a multi-themed inter-school challenge created to uncover top infocomm talent in Singapore. Divided into three circuits - secondary schools, junior colleges and ITE/polytechnics – the competition will encompass challenges focused on areas such as business IT, digital media, mobile technology, security & networking and more. For more information, visit talent.singaporeinfocomm.sg. The National Infocomm Competition is organised by the Infocomm Development Authority of Singapore, universities, polytechnics, ITE, Singapore Computer Society, Singapore Institute of Management and Singapore Science Centre.