NEWS RELEASE

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NTU collaborates with National Grid Office in Grid Computing Competency Certification programme
- Aims to establish Singapore as a regional hub for quality education and training in Grid computing technology

Nanyang Technological University (NTU) is collaborating with Singapore’s National Grid Office\(^1\) to conduct a Grid Computing Competency Certification (GCCC) programme. This joint effort will serve to help provide infocomm professionals in Singapore with credible certification on competency in Grid computing. The programme will also contribute towards enhancing the proficiency of infocomm professionals and building Singapore’s expertise in Grid computing.

Grid computing involves virtualizing computing resources and reflects a conceptual framework rather than a physical resource. Grid technology aims to develop an environment in which individuals or institutions can access computers, databases and experimental facilities simply and transparently, without having to worry about where these are located.

This collaboration will focus on teaching GCCC (part 2) programme’s Advanced Common Modules, which consist of advanced topics in Grid computing. The programme, scheduled to start in January 2007, will be conducted by NTU’s School of Computer Engineering (SCE). It is targeted at current and aspiring infocomm professionals in Singapore. An estimated 20 students are expected for the pioneer intake. Details of the programme are still being finalised.

\(^1\) The National Grid Office was established by the Agency for Science, Technology and Research in January 2003 to promote Grid computing and to develop a cyber-infrastructure that steers Singapore towards a Grid-enabled economy where computing resources, services, and intellectual property can be provisioned securely on a high-speed network.
Says Associate Professor Seah Hock Soon, Chair of NTU SCE: “NTU is honoured to work together with National Grid Office in conducting the GCCC (part 2) programme. This collaboration marks a strong recognition of SCE's expertise and in-depth knowledge in the field of Grid computing. It is also a timely programme to help members of the infocomm industry meet the service oriented approach of resources. Grid computing is one such enabling tool to achieve this goal. By conducting this programme, we hope to play a significant role in preparing the infocomm industry for the challenges in a service oriented world. The signing of a Memorandum of Understanding between NTU and National Grid Office today also signifies the aim of both parties to prepare infocomm professionals for competency in Grid computing and to help establish Singapore as a regional hub for quality education and training in Grid computing technology."

A Memorandum of Understanding was signed today between NTU and National Grid Office to formalise the collaboration.

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About Nanyang Technological University

Nanyang Technological University (NTU) is a research-intensive university with globally acknowledged strengths in science and engineering. The university has a beautiful garden campus and a distinguished lineage with roots that go back to 1955.

NTU's 12 schools span diverse disciplines – from engineering and the sciences to art, design and media. The university has a strong engineering college focused on innovation, a business school with one of the top 100 MBA programmes in the world, an internationally-acclaimed National Institute of Education, one of the best communication and information schools in Asia, and a biological sciences school at the forefront of Singapore's life sciences initiative. The Institute of Defence and Strategic Studies is a world authority on terrorism issues.

Ranked among the top 50 universities in the world, NTU has in place multi-country programmes and initiatives with established institutions worldwide. Some examples of key partners include MIT, Stanford University, Cornell University, Caltech, University of Washington, Carnegie Mellon University; world-class universities in Asia such as Beijing University, Shanghai Jiaotong University, Waseda, IIT of India; and top European universities like Cambridge University, Imperial College, Ecole Polytechnique Federale de Lausanne, University of St. Gallen, University of Technology of Compiègne and the University of Technology of Troyes.

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