

# UG Research Academy

## 1. Objectives

The ASPIRE Undergraduate Research Academy was mooted by Nanyang Technological University during the Vice Presidents Meeting in July 2012.

The Academy is a 3-day enrichment programme for the undergraduate students of the ASPIRE League universities who are currently doing a research project in the areas of energy and sustainability related and may cover technical, physical, social, economic, political, environmental or business aspects.

The students will:

- learn from experts the latest technologies related to renewable energy;
- present their research projects with the objective of sharing knowledge with their peers from other top technological universities;
- network with energy and environment experts and students and gain relevant inter-cultural and soft skills such as communication and presentation skills; and
- learn from case studies on field trips

## 2. Structure of the Academy

- The theme of the second ASPIRE UG Research Academy is Energy Challenges and Solutions in a Sustainable World.
- Each member university of the ASPIRE League will identify 5 undergraduate students who are working on supervised projects related to the above theme.
- The students from the respective universities will come together to exchange their research findings through the Academy.
- Each member university takes turn to host the Academy. All local cost incurred\* (accommodation, meals, visits and transport) will be borne by the host university.
- The second Academy will be hosted by NTU and the local cost, including 4 nights stay in one of the halls of residence will be borne by NTU.

- Students from the member universities will pay for their own airfare.
- Students are strongly encouraged to take up travel insurance from their home country to cover medical expenses that may be incurred in Singapore.

\*excludes food and personal expenses incurred by students during Free & Easy time.

## 3. Tentative Programme

Time	Day 0 (Sun, 12 July 2015)
Before 16:00	Arrival and check in
16:00 – 16:30	Introduction to NTU
16:30 – 17:00	UG Research Academy Programme Briefing + Q&A
17:00 – 18:00	Dinner
18:00 – 19:30	Ice breaking activities
19:30 onwards	Free & Easy
Time	Day 1 (Mon, 13 July 2015)
08:30 – 09:30	Lecture 1
09:30 – 10:30	Lecture 2
10:30 – 11:00	Tea Break
11:00 – 12:00	Lecture 3
12:00 – 13:00	Lunch
13:00 – 16:00	Lab visit
16:00 – 18:30	Social Programme
18:30 – 19:30	Dinner
Time	Day 2 (Tue, 14 July 2015)
08:30 – 09:30	3 Presentation + Q & A
09:30 – 10:30	3 Presentation + Q & A
10:30 – 11:00	Tea Break
11:00 – 12:00	3 Presentation + Q & A
12:00 – 13:00	3 Presentation + Q & A
13:00 – 14:00	Lunch
14:00 – 18:30	Social Programme
18:30 – 19:30	Dinner
Time	Day 3 (Wed, 15 July 2015)
08:30 – 09:30	3 Presentation + Q & A
09:30 – 10:30	3 Presentation + Q & A
10:30 – 11:00	Tea Break
11:00 – 12:00	3 Presentation + Q & A
12:00 – 13:20	4 Presentation + Q & A
13:20 – 14:30	Lunch
14:30 – 18:30	Social Programme
18:30 onwards	Free & Easy



Social Program for 2014 UG Research Academy