



## Chammika N B Udalagama

Dept of Physics/  
Special Programme for Science  
Faculty of Science

Teaching, in my opinion, should involve lots of passion. The goal of teaching is not just to make the student comprehend, but also to inspire them to take up the torch and push the frontiers of knowledge. As a teacher my objectives are simple:

1. I want to fascinate my students so they develop a lasting interest in the topic.
2. I want to teach them how to learn on their own, and from each other.

Technology lends itself quite naturally to teaching, and using it can be quite beneficial to both the instructor and students. For example, a **Java simulation** (e.g. <http://phet.colorado.edu>) or **Mathematica animations** (e.g. <http://demonstrations.wolfram.com>) can do wonders in helping students comprehend a phenomenon or concept. It also allows quick 'software experiments' to be carried out in the classroom. Furthermore, sites like **IVLE** allow for a standard mode of communication with the students as well as an avenue to conduct surveys, polls, assessments and for sharing digital content. I am also excited by the ubiquity of smartphones and handheld devices such as iPads and other tablets. These devices open up great new ways for us to connect with the students. For example, I use technologies such as **Today's Meet** (<https://todaysmeet.com>) in my General Education Module (GEM).

### What Students Say...

"He uses a very different approach to teaching and also learning. The module was a great learning experience and was one of the most unique modules I have taken in NUS. Kudos to great teaching and approachability and having a sense of humour."