

brainstorming sessions are held anywhere, anytime and often important decisions are made and fabulous ideas born in the midst of a meal together. "That's the way we work - approachable and supportive," he explains. "We learn from each other and there are no egos involved."

The infrastructure needs of the institution are also fulfilled. Currently, there are 6 servers to support the needs of the institute. Although laptops are not given to all lecturers, this hasn't impeded the exponential growth in laptop usage. "Most lecturers have invested in their own equipment once they've experienced the convenience and effectiveness of teaching with ICT," says Nik Ibrahim.

More than 60,000 teachers have been trained since the program was introduced in Malaysia in year 2000. By working with the Ministry of Education, teacher training institutions and university teacher training faculties, the Intel® Teach Program has been accepted into pre-service and in-service teacher training to help teachers engage students through lessons enhanced with ICT and innovative pedagogy for better results.

### Working towards bigger dreams for IPG KTB

The implementation of the Bestari program, which trains teachers for Smart schools nationwide, shows the country is going in the direction of e-management and Hjh Rohani bt Ismail, Director of IPG KTB notes that Intel Teach is contributing to the culture of e-learning by increasing the usage of ICT in teaching and learning. "Our key personnel involved are very creative and I trust and believe that they will give their very best to make it a reality," says Rohani.

IPG KTB is always looking for ways to constantly improve its teaching methods and it is hoped that with widespread use of ICT and PBL, the institute will be looked upon as a 'knowledge library' by other institutes in the Northern region. Nik Ibrahim also has plans to expand the use of CCTV from mere security purposes to a learning tool as well. "We will install CCTV in every lab and lecturers can be offsite, yet still able to monitor the progress of students with it," he said.

With all these plans in the pipeline, IPG KTB is well on track to be a global player in terms of activities and product of the institute, i.e. to produce world-class educators.



### Case Study

IPG Kampus  
Tuanku Bainun  
( IPG KTB )

Intel® Teach Program



" Intel Teach has taught lecturers, me included, to create opportunities for students to learn – and the students do learn. "

Nik Ibrahim bin Nik Mat  
Lecturer, Education  
Technology Department  
IPG KTB

## Success with Intel® Teach Program through teamwork

With focus on innovation and the creation of a knowledge society, IPG Kampus Tuanku Bainun ( IPG KTB ) has embraced the Intel® Teach Program to assist the institution in using the power of information and communication technology (ICT) to produce world-class teachers. Nik Ibrahim together with his team of lecturers tasked with the mission of training those teachers have done an excellent job and the institution is now at the forefront of providing quality education to the nation's future generation.

### Challenge

- Teachers' perception that teaching and learning is fine without the use of ICT has to be changed.
- Need for effective and innovative ICT integration into teaching and learning activities of all subjects.
- Infrastructure essential to the effective incorporation of ICT needs to be updated and upgraded from time to time.

### Approach

- Educate and train teachers on how to successfully and seamlessly incorporate ICT into their lessons for more effective teaching in the classroom.
- Make effective strategies in Intel® Teach Program, especially project-based learning, an essential part of classroom activity.
- Allocate sufficient resources towards infrastructure for smooth ICT incorporation process

### Benefits

- Implementation of the Intel® Teach Program has enabled teachers to wisely utilize ICT to enhance their teaching and pedagogical skills.
- Improved and enhanced teaching methods will be the building blocks towards creating world-class educators for students nationwide.

### Intel® Education Initiative

The Intel Education Initiative is Intel's sustained commitment to prepare all students, anywhere, with the skills required to thrive in the knowledge economy by improving teaching and learning through the effective use of technology and advancing math, science, and engineering education and research. Through a sustained public-private partnership with educators and governments in more than 50 countries, Intel works with international organizations and governments at an international, national and local level and invests approximately USD100 million per year in education programs adapted to address the needs of each country to advocate for 21 century educational excellence through policy work and awareness efforts.

- For more information, visit : [www.intel.com/education](http://www.intel.com/education)
- For more information on the Intel Teach Program, please visit : [www.intel.com/education/teach](http://www.intel.com/education/teach)

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