The Faculty of Engineering is one of the two founding faculties of The University of Hong Kong in 1911. So far we have delivered the highest quality of education, both at undergraduate and postgraduate levels and attracted the best students. The highly motivated and talented students continue to excel in every thing from winning competitions at international levels to create new designs and inventions. Our graduates are highly sought after, even at this exceptionally poor economic environment. The annual graduate survey conducted in December 2002 showed that 95% of our graduates have secured employment with 52% having more than one job offer by December 2002.

Our challenge is to continue this tradition of excellence with reduced resources. It is apparent that the demand for international exchange, internship, web-based teaching and customized learning are on the increase. On the other hand, increase of such components in our curriculum requires additional resources.

Our faculty members are receiving local and international recognitions for their research, publications and transfer of technologies. Many of our faculty members are recipients of prestigious international, national and local awards, and editors of the most prestigious international journals.

Having pointed out our challenges, I must say that we are in an excellent position to meet them. We have carefully considered our strategic directions which are embodied in the Faculty Development Plan. We will continue to refine our goals to align with the University's aspiration to be a leading research-led University of international stature. The quality of staff and students are stronger than ever. We have a wealth of talents and the commitment to do so.

We could not reach our goals without the participation and support from you - our alumni and friends.

Professor T.S. Ng
Dean of Engineering
Chair of Electronic Engineering

The Faculty has been closely monitoring the performance of these EAS students and results show that these students have all attained very good results with a Yearly Average of Semester Grade Point Average (YGPA) over 3.2 and the highest one of 3.83 (with 4 being the top point) after finishing their first year at HKU. Some of them are also actively involved in extra-curricular activities such as being the executive committee members of students' societies.

In an interview with the 2002-03 EAS students, they expressed that at the very beginning they felt unsure about their ability to pursue university studies with only F.6 standard. Luckily, there were no real difficulties for them to catch up with the lectures. They get along well with their peers who are one to three years older. EAS students suggested that it would be good to arrange sharing session between the current EAS students and the new EAS students. They believed that peer mentorship would be more helpful in experience sharing. When asked why they chose HKU as their first choice, all of them said firmly that it was because of the reputation of HKU in offering excellent university education.

EAS is considered to be a first step towards the future development of the 4-year curriculum. In order to help students in this transitional period, the Faculty has made special arrangements to brush up their foundation in Mathematics and Physics by offering intensive courses to them in the summer preceding their first year of study.
The New Team

The Faculty has a new management team led by Professor T.S. Ng who has been elected as Dean of Engineering with effect from July 1, 2003. Professor A.K.H. Kwan, Dr. T.W. Lam and Professor K.L. Mak serve as Associate Deans of Engineering. This new team will lead the Faculty in meeting the challenges of strategic positioning and introduction of the four-year curriculum, amongst others, in the midst of diminishing resources.

Professor T.S. Ng
Dean of Engineering
Chair of Electronic Engineering

Professor T.S. Ng is an expert in mobile communication technologies, especially in CDMA which uses spread spectrum techniques. He is a graduate of this University and received his BSc(Eng) degree in 1972. He was the Head of Department of Electrical & Electronic Engineering from 2000-2003 and is a Fellow of IEE, Fellow of IEEE, Senior Croucher Foundation Fellow.

Professor A.K.H. Kwan
Associate Dean (Fund-raising and External Relations)

Professor A.K.H. Kwan is also a graduate of the University receiving the BSc(Eng) in 1976 and is a Professor of the Department of Civil Engineering. His interests are in concrete technology, computational mechanics, tall building structures and earthquake resistant. He has been awarded the Telford Premium, HKIE Transaction Prize and the HKIE Special Award in Research Project. He has been an Associate Dean since 2000.

What's New?

Professor Y.K. Cheung, Emeritus Professor of HKU, was awarded the prestigious 2003 WFEO (World Federation of Engineering Organizations) Medal of Excellence in Engineering Education.

Dr. D.W.L. Cheung, a leading expert in applying XML technology in e-commerce and logistics, was awarded HK$14 million from the Innovation and Technology Fund (ITF) in 2003 for his notable applied research project "A Business Process and Information Interoperability Platform based on Open Standards".

The Jockey Club Magnetic Resonance Imaging Engineering Centre received a generous grant of HK$25.34 million from the Hong Kong Jockey Club Charities Trust in 2003 for conducting research on "Large Scale Clinical Studies of Aging and Demantia" and "Cardiac MRI".

External Awards of Students:

<table>
<thead>
<tr>
<th>Name</th>
<th>Cur./Year</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>LO Chung Man</td>
<td>Civil Eng. -1</td>
<td>HKIE (The Hong Kong Institution of Engineers) Scholar 2002-03</td>
</tr>
<tr>
<td>LUNG Cheuk Hon, Jeffrey</td>
<td>Electronic &amp; Communications Eng. - 1</td>
<td>HKIE Scholar 2002-03</td>
</tr>
<tr>
<td>CHAN Kwai Cheung &amp; LO Chung Man</td>
<td>Civil Eng. -1</td>
<td>Sir Edward Youde Memorial Scholarship 2002-03</td>
</tr>
<tr>
<td>KWN Shui Ling &amp; LAW Kin Nam</td>
<td>Software Eng. -3</td>
<td>Web Services Xcellence awards: Best XML Web Services Peer-to-Peer Application Award</td>
</tr>
<tr>
<td>LUI Man Chin</td>
<td>Mech. Eng. - 3</td>
<td>HKIOA (Hong Kong Institute of Acoustics) Meyer Poon Memorial Award</td>
</tr>
<tr>
<td>TAM Siu Lung &amp; WONG Chun Ching</td>
<td>BBA(Info. Sys.)/ BEng(Software Eng.) - 3</td>
<td>ACM International Collegiate Programming Contest (Asia Programming Contest) 2002: 3rd place</td>
</tr>
<tr>
<td>MOK Chi Nui</td>
<td>Mech. Eng. - 2</td>
<td>The 1st HKIE BSD Scholarship for Full-time Higher Education Students</td>
</tr>
<tr>
<td>KWN Tin Man, Tony &amp; YEUNG King Hang, Adrian</td>
<td>Electronic &amp; Communications Eng. - 3</td>
<td>Mobile Multimedia Communications Design Contest 2003: Silver Award</td>
</tr>
</tbody>
</table>

The prestigious HKIE Scholar programme recognises the academic achievements of outstanding full-time engineering students. All local universities will be invited to participate but only three students will be awarded the scholarship each year. The selection process is very rigorous. A candidate has to be recommended by his/her home university and submit an essay (the topic for the 2002-2003 exercise is Challenges and Opportunities for Engineers in the New Generation). Candidates will be interviewed by a panel consisting of senior members of the HKIE. Miss Lo Chung Man and Mr LUNG Cheuk Hon Jeffrey are two of the three HKIE scholars in 2002-03.

The ACM International Collegiate Programming Contest organized by ACM (the Association for Computing Machinery), which consists of regional contests held in different parts of the world, is one of the most prestigious competitions for computer science students. Mr TAM Siu Lung and Mr WONG Chun Ching of the HKU team defeated 49 teams and obtained the 3rd place in the Asia Programming Contest 2002, held in Manila, the Philippines.

Over 30 teams from Hong Kong's six universities competed in the Mobile Multimedia Communications Design Contest (MMCDC) 2003. The "DataOnRoad" project of Mr KWN Tin Man, Tony & Mr YEUNG King Hang, Adrian won them the Silver Award of the Contest. The project aims at allowing passengers to better utilise their time on-board and it consists of three parts: ShopOnRoad, InfoOnRoad and GameOnRoad.

Dr. T.W. Lam
Associate Dean (Academic)

Dr. T.W. Lam graduated with a BSc(CS) from the Chinese University of Hong Kong in 1984 and received his MS and PhD from the University of Washington in 1988. He is an Associate Professor of the Department of Computer Science and Information Systems and received a teaching excellence award from the Department in 1997, 2000 and 2002. His current research interest is mainly in the design and analysis of algorithms for different applications including computational biology and on-line scheduling. He has been an Associate Dean since 2001.

Professor K.L. Mak
Associate Dean (Research)

Professor K.L. Mak obtained both his MSc and PhD degrees at the University of Salford, UK. His current research interest focuses mainly on production and operations management, production development, manufacturing systems design and control, and logistics and supply chain management. He was Head of the Department of Industrial and Manufacturing Systems Engineering from 1994 to 2003 and an Associate Dean from 1998 to 1992. He received the Best Teaching Award of the HKU Students’ Union in 1991.