

Facts & Figures

Global Standing

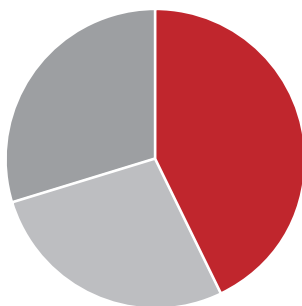
World's Top 15 in Technology

Times Higher Education Supplement-Quacquarelli Symonds (THES-QS)

Rank	Institution	Country
1	Massachusetts Institute of Technology	USA
2	University of California, Berkeley	USA
3	Stanford University	USA
4	California Institute of Technology	USA
5	University of Cambridge	UK
6	Imperial College London	UK
7	Carnegie Mellon University	USA
8	Georgia Institute of Technology	USA
9	University of Tokyo	Japan
10	National University of Singapore	Singapore
11	University of Toronto	Canada
12	University of Oxford	UK
13	ETH Zurich	Switzerland
14	Princeton University	USA
15	Harvard University	USA

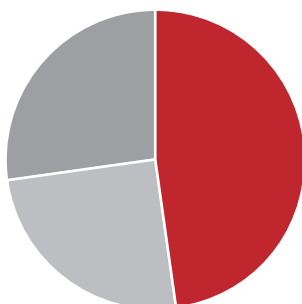
- The Faculty is second among Asian universities in Technology
- The ISI Essential Science Indicators rated the Faculty in the world: 8th for Papers and 12th for Citations (November 2007)
- Approximately 300 editorial positions in international journals

Budget



BUDGET FY2006

■ R&D (including scholarships)	S\$ 72.5 million	45%
■ Tuition + other fees	S\$ 43.2 million	26%
■ Direct Govt Allocation	S\$ 47.7 million	29%
Total budget	S\$163.4 million	

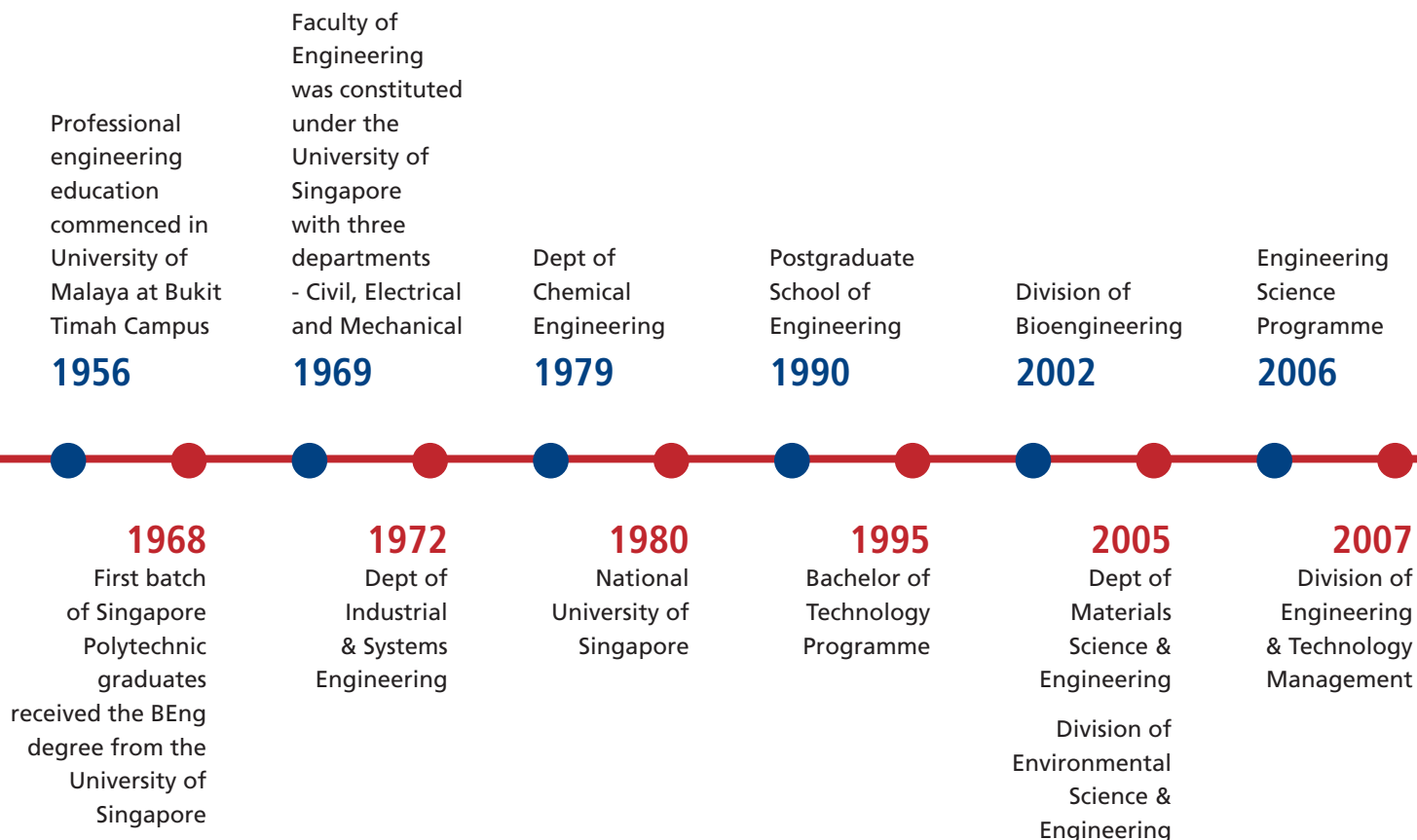


BUDGET FY2007

■ R&D (including scholarships)*	S\$104.2 million	53%
■ Tuition + other fees	S\$ 46.0 million	23%
■ Direct Govt Allocation	S\$ 48.1 million	24%
Total budget	S\$198.3 million	

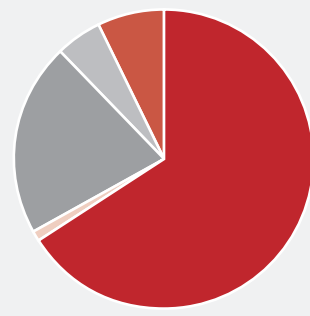
* Period reported: 1 April to 30 November 2007

Milestones



Students

	AY2006	AY2007*
	Semester Average*	
Total Enrolment (FTE)	7,647	7,733
Undergraduate	5,741	5,781
Graduate Coursework	657	646
Graduate Research	1,249	1,306
Total Enrolment (EFTE)	5,953	5,956
Weighted Undergraduate	4,047	4,004
Graduate Coursework	657	646
Graduate Research	1,249	1,306



CLASS OF 2007

■ BEng	1,384	66%
■ Graduate Diploma	13	1%
■ MSc and MTD	441	21%
■ MEng	95	5%
■ PhD	145	7%

+ Figures for Semester 2 are projected

* Average of Semesters 1 and 2

FTE - Full-Time Equivalent

EFTE - Effective Full-Time Equivalent

Graduate students

EFTE = FTE

Full-time = 1

Part-time = 0.5

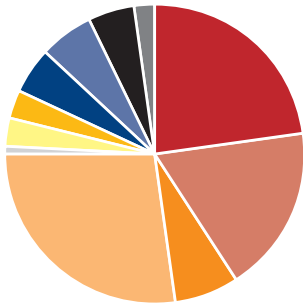
Faculty of Engineering undergraduate students

EFTE = $\frac{\sum \text{module MC taken in the Faculty} + 0.2 \sum \text{module MC taken outside the Faculty}}{\sum \text{module MC taken in the year}}$

Students from other NUS faculties

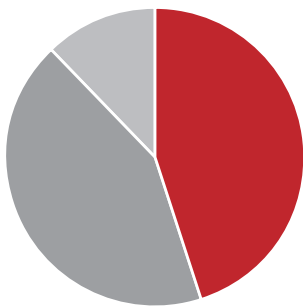
EFTE = $\frac{0.8 \sum \text{module MC taken in Faculty of Engineering}}{\sum \text{module MC taken in the year}}$

Students



UNDERGRADUATE STUDENT ENROLMENT*

■ Mechanical Engineering	1,328	23%
■ Chemical Engineering	1,058	18%
■ Civil Engineering	390	7%
■ Electrical Engineering	1,549	27%
■ Environmental Engineering	177	3%
■ Engineering	144	3%
■ Bioengineering	276	5%
■ Computer Engineering	366	6%
■ Industrial & Systems Engineering	278	5%
■ Materials Science & Engineering	134	2%
■ Engineering Science Programme	78	1%

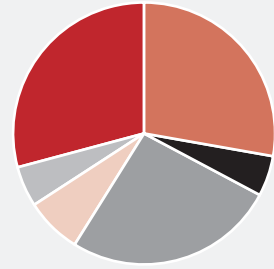


GRADUATE STUDENT ENROLMENT*

■ PhD	1,195	45%
■ MSc	1,141	43%
■ MEng	306	12%

* Figures as at 4 September 2007

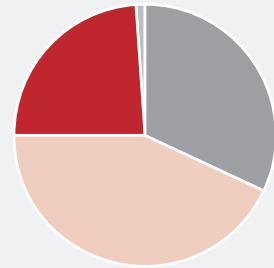
Staff



STAFF PROFILE⁺

■ Full-time Faculty Members	304	26%
■ Adjunct Staff	79	7%
■ Other Teaching Staff	56	5%
■ Research Staff	344	29%
■ Administrative Staff*	64	5%
■ Non-Academic Staff*	337	28%

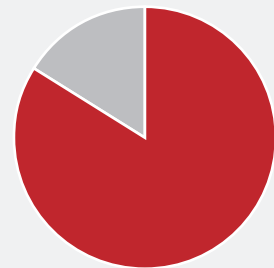
* Includes staff employed under grants



FULL-TIME FACULTY MEMBERS⁺

■ Professors	73	24%
■ Associate Professors	131	43%
■ Assistant Professors	97	32%
■ Senior Lecturers	3	1%

All full-time faculty members are PhD degree holders.



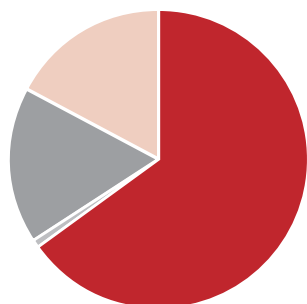
NON-ACADEMIC AND ADMINISTRATIVE STAFF⁺

■ Non-Academic Staff*	337	84%
■ Administrative Staff*	64	16%

* Includes staff employed under grants

+ Figures as at 1 November 2007

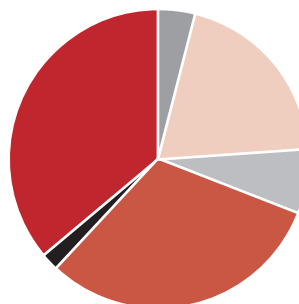
Research



RESEARCH GRANTS AND SCHOLARSHIPS AWARDED IN FY2007-2008
(\$104,177,173)

■ External Research Grants	\$67,669,742	65%
■ External Research Scholarships	\$1,180,911	1%
■ MOE Research Scholarships	\$17,944,282	17%
■ MOE Research Grants	\$17,382,238	17%

Period reported: 1 April to 30 November 2007



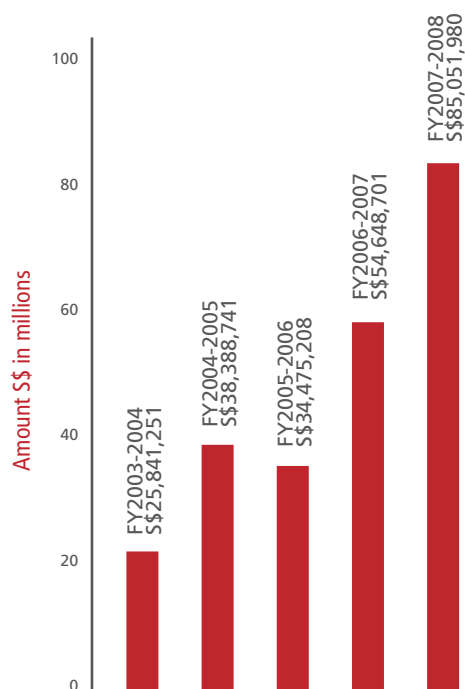
BREAKDOWN OF RESEARCH GRANTS AWARDED IN FY2007-2008
(\$85,051,979)

■ Industry	\$3,098,578	4%
■ Education Ministry	\$17,382,238	20%
■ A*STAR	\$6,182,947	7%
■ NRF	\$26,034,216	31%
■ Defence Agencies	\$1,904,846	2%
■ Other Government Agencies	\$30,449,154	36%

Period reported: 1 April to 30 November 2007

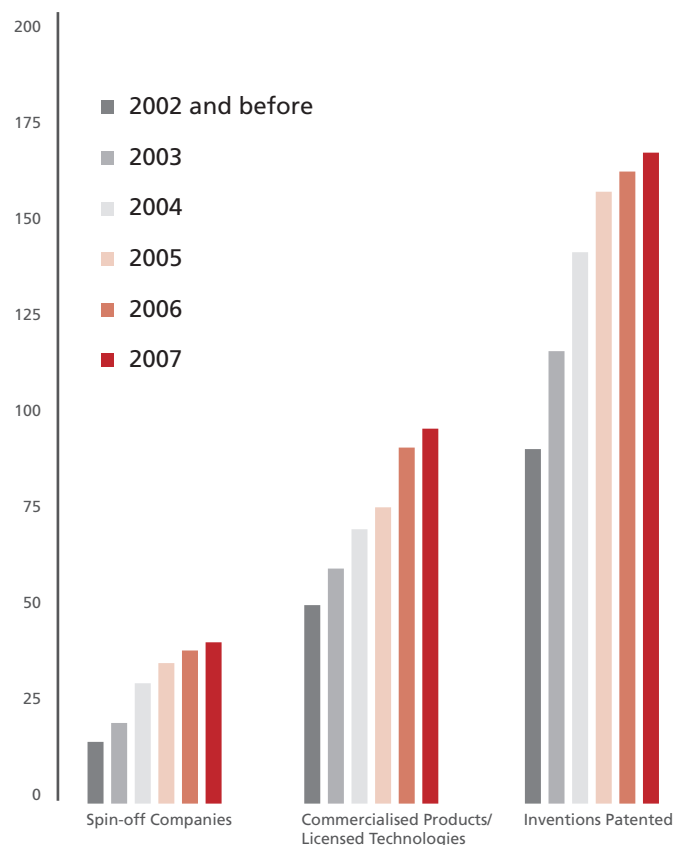
TOTAL RESEARCH GRANTS AWARDED TO FACULTY OF ENGINEERING (excluding Research Scholarships)

Period reported for FY2007-2008:
1 April to 30 November 2007



ENTREPRENEURIAL ACTIVITIES AT THE FACULTY OF ENGINEERING

(As at 15 September 2007)
Figures are cumulative



Research

World's Top 15 Institution Rankings in Engineering by Citations

Rank	Institution	Total Citations
1	MIT	34,670
2	Univ Illinois	34,223
3	Univ Calif Berkeley	34,157
4	Stanford Univ	28,995
5	Univ Michigan	24,030
6	Univ Texas	22,658
7	NASA	22,063
8	Georgia Inst Technol	21,115
9	Univ Calif Los Angeles	19,825
10	CALTECH	18,069
11	Purdue Univ	18,014
12 (20)*	Natl Univ Singapore	17,775
13	Univ Tokyo	17,711
14	Univ London Imperial Coll Sci Technol & Med	17,385
15	Russian Acad Sci	16,657

* Ranking based on last year's results

NUMBER OF CITATIONS (in 5-year intervals)

