UNIVERSITAS GADJAH MADA

WCU

Indra Wijaya Kusuma
17 Nov 2016
Hotel Santika Yogyakarta

Locally Rooted, Globally Respected

www.ugm.ac.id

MISI PT

- Pendidikan Pengajaran
- Penelitian
- Pengabdian Masyarakat

Melaksanakan Tri Dharma PT

WCU

- World Class University: Perguruan Tinggi yang masuk dalam Top 500 Dunia versi QS
- Saat ini (Tahun 2016):
- **UI (320)**
- **ITB (401)**
- **UGM (501)**
- **UA, IPB, Undip, ITS, UMS, UB (700+)**
- **Unpad, UNS, Unhas (1000+)**

QS WORLD UNIVERSITY RANKINGS

indonesia

Overall		University
325 35	🇮🇩	University of Indonesia
Overall **401-410** -	🇮🇩	Bandung Institute of Technology (ITB)
Overall **501-550** -	🇮🇩	Universitas Gadjah Mada
Overall **701+** -	🇮🇩	Airlangga University
Overall **701+** -	🇮🇩	Bogor Agricultural University
Overall **701+** -	🇮🇩	Diponegoro University
Overall **701+** -	🇮🇩	Sepuluh Nopember Institute of Technology
Overall **701+**	🇮🇩	Universitas Muhammadiyah Surakarta

by Overall   by Subject   by Personal   about Us

RANKING UGM
2006-2016

YEAR	RANK
2006	270
2007	360
2008	316
2009	250
2010	321
2011	342
2012	411-420
2013	501-550
2014	551-600
2015	555
2016	501

WHY WCU?

Internally:
Barometer/indikator
kualitas

Externally:
Reputation

Upaya Dikti

- **Workshop dan konferensi internasional yang diadakan oleh QS World University Ranking (QS), Times Higher Education (THE), dan Shanghai Jiao Tong Ranking (SJT).**

- **Sosialisasi dan workshop tentang world university ranking di lima perguruan tinggi Indonesia yang berpotensi masuk peringkat 500 besar dunia versi QS World University Ranking (QS).**

- **Evaluasi dan presentasi data via website lima perguruan tinggi Indonesia yang berpotensi masuk peringkat 500 besar dunia versi QS World University Ranking (QS).**

- **Monitoring dan evaluasi lima perguruan tinggi Indonesia yang berpotensi masuk peringkat 500 besar dunia.**

Times Higher Education Ranking

Criteria	Weight	
Teaching		30%
Reputation survey	15%	
Staff-to-Student ratio	4.50%	
Doctorate-to-bachelor's ratio	2.25%	
Doctorates awarded-to-academic staff ratio	6%	
Institutional income	2.25%	
Research		30%
Reputation survey	18%	
Research income	6%	
Research productivity	6%	
Citations		30%
International Outlook		7.5%
International-to-domestic-student ratio	2.5%	
International-to-domestic-staff ratio	2.5%	
International collaboration	2.5%	
Industry Income		2.5%
TOTAL		100%

Shanghai Jiao Tong Ranking

Criteria	Indicator	Weight
Quality of Education	Alumni of an institution winning Nobel Prizes and Fields Medals	10%
Quality of Faculty	Staff of an institution winning Nobel Prizes and Fields Medals	20%
	Highly cited researchers in 21 broad subject categories	20%
Research Output	Papers published in Nature and Science*	20%
	Papers indexed in Science Citation Index-expanded and Social Science Citation Index	20%
Per Capita Performance	Per capita academic performance of an institution	10%

QS

Criteria	Weight	
	World Ranking	Asia Ranking
Academic Reputation	40%	30%
Employer Reputation	10%	10%
Faculty/ Student Ratio	20%	20%
Citations per Faculty	20%	-
Citations per Paper	-	15%
Papers per Faculty	-	15%
International Faculty Ratio	5%	2.5%
International Student Ratio	5%	2.5%
Inbound Exchange Student	-	2.5%
Outbound Exchange Student	-	2.5%

Webometrics 2016

❑Kriteria: Keberadaan web universitas dan impaknya

- *UGM (1→724)*
- *UI (2→809)*
- *ITB (3→895)*
- *UAD (17→2726)*
- *UII (20→2812)*
- *UMY (24→3042)*
- *UNY (25→3092)*
- *USD (47→3944)*

RANKING WEB
OF UNIVERSITIES

4ICU 2016

☐Kriteria: Keberadaan web

- *UGM (1 →414)*
- *UI (2 →508)*
- *ITB (3 →828)*
- *UII (22 →1911)*
- *UMY (39 →3287)*
- *UAD (41 →3331)*
- *UAJ (47 →3777)*
- *UIN (48 → 3836)*

UGM-UI-ITB

Faculty	3573		Faculty	4302		Faculty	1415
International Faculty	310		International Faculty	1444		International Faculty	156
Students	42398		Students	43640		Students	17269
International Students	522		International Students	1232		International Students	324
Faculty Student Ratio	8%		Faculty Student Ratio	10%		Faculty Student Ratio	8%
International Faculty Ratio	9%		International Faculty Ratio	34%		International Faculty Ratio	11%
International Student Ratio	1%		International Student Ratio	3%		International Student Ratio	2%
Undergraduate Students	29200		Undergraduate Students	27149		Undergraduate Students	12518
Postgraduate Students	13198		Postgraduate Students	16491		Postgraduate Students	4751

Data and Ratios			Data and Ratios			Data and Ratios		
Papers	1681		Papers	2484		Papers	3449
Citations	3818		Citations	5621		Citations	4227
Citations (self-citations excluded)	2797		Citations (self-citations excluded)	4283		Citations (self-citations excluded)	2858
Citations per faculty	0.9		Citations per faculty	0.9		Citations per faculty	2.9

UMS-UB

Demographics	
Faculty	925
International Faculty	2
Students	25991
International Students	125
Faculty Student Ratio	4%
International Faculty Ratio	0%
International Student Ratio	0%
Undergraduate Students	24913
Postgraduate Students	1078

Data and Ratios	
Papers	70
Citations	46
Citations (self-citations excluded)	32
Citations per faculty	0

Demographics	
Faculty	1941
International Faculty	12
Students	61803
International Students	408
Faculty Student Ratio	3%
International Faculty Ratio	1%
International Student Ratio	1%
Undergraduate Students	57311
Postgraduate Students	4492

Data and Ratios	
Papers	870
Citations	773
Citations (self-citations excluded)	511
Citations per faculty	0.3

HOW TO IMPROVE INDICATOR PERFORMANCE?

Academic Reputation

Taken from the annual survey conducted by QS designed to evaluate the perceptions of academics from around the world regarding the best institutions in terms of research. In 2016, nearly 75,000 responses were recorded globally

<u>ACADEMIC REPUTATION</u>

- Provide a complete list of academic peers (domestic and international)
- Tell the world (including your academic partners) about academic performance
  - ➤ *Advertising*
  - ➤ *Networking (newsletters)*

Employer Reputation

Taken from the annual QS survey aimed at gathering the views of employers around the world on the institutions providing the best professionals. In 2016, about 37,800 responses were analysed.

EMPLOYER REPUTATION

- Provide a complete list of recruiters and alumni
- Give appreciation to the recruiters and alumni
- Increase skills of the graduates

Faculty Student

This is the ratio between the number of academic staff and number of students. A higher number of teachers per student is an indirect indicator of the commitment of the institutions to high-quality teaching.

FACULTY-STUDENT RATIO

- Good database of faculty members and students

- Increase faculty members

- Stabilized number of students

Citations per Faculty

This ratio measures the average number of citations obtained per faculty member, and is an estimate of the impact and quality of the scienfict work produced by universities. This indicator is calculated using data from Scopus. To avoid anomalous results, an affiliation cap is applied discarding papers with an unusually high number of affiliations. Self-citations are excluded and citation counts are normalized, ensuring that citations achieved in each of the five broad faculty areas are weighted equally.

CITATION PER FACULTY

- Research and Publication Grants
  - *High performers*
  - *Newly graduated faculty members*
  - *Senior lecturers/professors*
  - *Joint-research/publications*
- Indexed by Scopus Journals

International Faculty

The International Faculty Index is simply based on the proportion of faculty members that are international. It is a proxy measure for how internationally attractive the university is to academic staff. Universities based in locations known for attracting high proportions of expatriates perform well here such as those in Hong Kong, Switzerland and UAE.

INTERNATIONAL FACULTY

- International summer course
- International visiting scholars
- International joint-academy
- Recruiting international faculty members

International Students

Similar in nature to the International Faculty Index, the International Students Index is based on the proportion of students that are international. It is a proxy measure for how internationally attractive the university is to students. Attracting international faculty and students can be challenging for institutions that are more nationally or regionally focused.

<u>INTERNATIONAL STUDENTS</u>

- Scholarship

- Unique program/double-degree

Terima Kasih

Mengakar Kuat
Menjulang
Tinggi