



ITS
Global
Engagement



ITS dalam Pemeringkatan Internasional

Direktorat Kemitraan Global

29 September 2021



Mengapa Perlu Reputasi Internasional?

WORLD UNIVERSITY RANKING



PRESTIGE (COUNTRY)



ECONOMY

Manfaat untuk Alumni ??

- *Prestige* untuk alumni
- Pengakuan reputasi almamater untuk kemudahan alumni dalam berkiprah
- *Networking* dengan mitra ITS di Dalam Negeri dan Luar Negeri



Mengapa Perlu Reputasi Internasional?

*) Top 400 versi QS World University Ranking

OPEN RECRUITMENT POST GRADUATE

Persyaratan umum:

- Warga Negara Indonesia (WNI)
- Pendidikan Magister (S2)
- Perguruan Tinggi (*Reputable University*)*
(Diutamakan bagi Penerima Beasiswa)
- IPK minimal 3.00 (skala 4.00) nilai yang telah dikonversikan sesuai standar IPK di Indonesia
- Usia maks. 32 tahun
- Program Studi :
 - Teknik Sipil (bidang jalan dan *related building* , antara lain: jembatan, terowongan, jalan, bangunan tinggi, rekayasa engineering)
 - Teknik Sipil (bidang jalan tol, antara lain: *Highway Engineering, Traffic Management, Road Network Management*)
 - Manajemen Kontrak/Manajemen Klaim
 - Keuangan (*Financial/Investment Management/ Corporate Finance*)
 - Bisnis (*Administrasi Bisnis/Manajemen Bisnis*)
- Bersedia ditempatkan diseluruh wilayah operasi PT Utama Karya (Persero)

Pendaftaran melalui website resmi:
www.rekrutmen.hutamakarya.com

Batas Pendaftaran
25 September 2021

*) Top 400 versi QS World University Ranking



Pemeringkatan Internasional - ITS



Peringkat ITS



2022

World Rank 751+
Indonesia 6

2021

World Rank 751+
Asia 164
Indonesia 6

2020

World Rank 801+
Asia 198
Indonesia 7



2022

World Rank 1201+

2021

World Rank 1001+
Asia Pacific 351+
Indonesia 3

2020

World Rank 1001+
Asia Pacific 301+
Indonesia 3



Indonesia

2021

July 4
January 4

2020

July 4
January 4

2019

July 4
January 7



2020

World Rank 61
Indonesia 5

2019

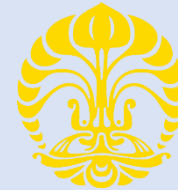
World Rank 59
Indonesia 5

2018

World Rank 82
Indonesia 4

Target dari DIKTI

< 100



< 500



< 800



< 1000



Peringkat ITS di QS

RANK
#751-800
WORLDWIDE

QS WORLD UNIVERSITY RANKINGS 2022

RANK
#164
ASIA

QS ASIA UNIVERSITY RANKINGS 2021

RANK
#6
INDONESIA

QS WORLD UNIVERSITY RANKINGS 2022

RANK
#301-500
GRADUATE EMPLOYABILITY RANKINGS

QS WORLD UNIVERSITY RANKINGS 2022

RANK
#401-450
ENGINEERING & TECHNOLOGY

QS WUR BY SUBJECT 2021 (BROAD)

RANK
#351-400
MECHANICAL, AERONAUTICAL &
MANUFACTURING

QS WUR BY SUBJECT 2021 (SPECIFIC)

RANK
#401-450
COMPUTER SCIENCE &
INFORMATION SYSTEMS

QS WUR BY SUBJECT 2021 (SPECIFIC)

RANK
#451-500
ELECTRICAL & ELECTRONIC

QS WUR BY SUBJECT 2021 (SPECIFIC)

Peringkat ITS di QS

Kategori Pemeringkatan QS	Peringkat ITS di Dunia				Peringkat ITS di Indonesia		
	2019	2020	2021	2022	2019	2020	2021
1. QS World University Rankings	801 - 1000	801 - 1000	751 - 800	751 - 800	7	7	6
2. QS Asia University Rankings	229	198	164	---	7	6	6
3. QS Graduate Employability Rankings	-	301 - 500	---	---	*	*	---
4. QS World University Rankings by Subject							
a. Engineering & Technology (Broad Subject Area)	-	451 - 500	401 - 450	---	-	4	4
a1. Chemical	-	351 - 400	-	---	-	4	-
a2. Electrical & Electronic	-	401 - 450	451 - 500	---	-	4	4
a3. Computer Science & Information Systems	551 - 600	451 - 500	401 - 450	---	4	4	4
a4. Mechanical, Aeronautical & Manufacturing	-	351 - 400	351 - 400	---	-	3	

Note:

- : tidak masuk dalam pemeringkatan

--- : hasil belum keluar



Peringkat ITS di THE

RANK
#1201+
WORLDWIDE

THE WORLD UNIVERSITY RANKINGS 2022

RANK
#351-400
ASIA

THE ASIA UNIVERSITY RANKINGS 2021

RANK
Group #4
INDONESIA

THE WORLD UNIVERSITY RANKINGS 2022

RANK
#601-800
COMPUTER SCIENCE

THE WUR BY SUBJECT 2021

RANK
#801-1000
ENGINEERING & TECHNOLOGY

THE WUR BY SUBJECT 2021

RANK
#801+
PHYSICAL SCIENCES

THE WUR BY SUBJECT 2021

RANK
#251-300
EMERGING ECONOMIES

THE WORLD UNIVERSITY RANKINGS 2020

RANK
#64
IMPACT RANKINGS

THE IMPACT RANKINGS 2021

Peringkat ITS di THE

Kategori Pemeringkatan THE	Peringkat ITS di Dunia				Peringkat ITS di Indonesia		
	2019	2020	2021	2022	2019	2020	2021
1. THE World University Rankings	1001+	1001+	1001+	1201+	3	3	3
2. THE Asia University Rankings	301 - 350	301 - 350	351 - 400	---	3	3	3
3. THE Emerging Economies	251 - 300	251 - 300	---	---	3	3	---
4. THE World University Rankings by Subject							
a. Computer Science	501 - 600	401 - 500	601 - 800	---	2	1	3
b. Engineering & Technology	601 - 800	601 - 800	801 - 1000	---	4	3	5
c. Physical Sciences	801 - 1000	801+	801+	---	3	1	3
5. THE Impact Rankings	N/A	401-600	64	---	N/A	9	1

Note:

--- : hasil belum keluar



Capaian ITS dalam QS-WUR

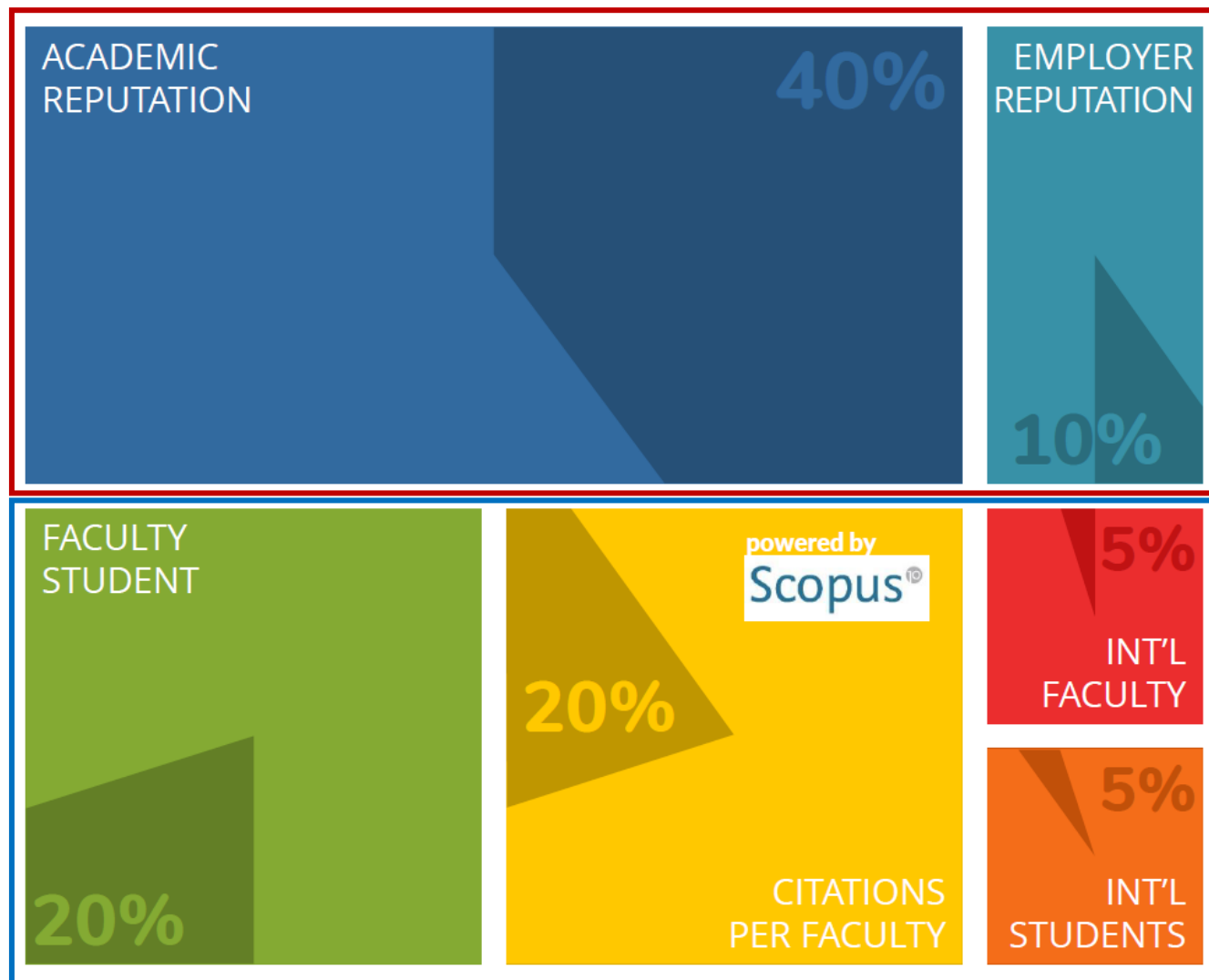
Tahun Berjalan		2016	2017	2018	2019	2020	2021	
Tahun Data yang Di-submit		2014	2015	2016	2017	2018	2019	
Tahun Pemeringkatan QS			2017	2018	2019	2020	2021	2022
Academic Reputation	40%	9.0	10.9	8.4	9.3	9.5	11.2	↑
Employer Reputation	10%	15.6	16.8	11.4	13.7	18.1	22.4	↑
Faculty Student Ratio	20%	10.4	13.3	21.6	27.5	32.5	26.1	↓
Citations per Faculty	20%	2.0	2.0	2.0	2.2	2.4	2.1	↓
International Faculty Ratio	5%	1.4	18.9	31.3	42.6	53.7	45.7	↓
International Students Ratio	5%	2.1	1.9	4.4	4.9	5.1	4.5	↓
Overall Score		7.8	10.2	11.0	13.5	15.6	14.9	
Ranking		801-1000	801-1000	801-1000	801-1000	751-800	751-800	



Capaian ITS dalam QS-AUR

		2018	2019	2020	2021	
Academic Reputation	30%	27.5	21.7	23.8	23.8	=
Employer Reputation	20%	41.4	30.9	37.8	42.6	↑
Faculty/student Ratio	10%	20.8	29.6	36.9	44.1	↑
International Research Network	10%	N/A	25.4	26.1	7.4	↓
Citations per Paper	10%	14.0	6.3	4.3	1.2	↓
Papers per Faculty	5%	7.5	8.7	12.7	11.5	↑
Staff with a PhD	5%	11.8	1.1	1	1	=
International Faculty	2.5%	26.9	64.5	83.6	92.7	↑
International Students	2.5%	6.0	14.7	19.7	20.3	↑
Inbound Exchange Students	2.5%	30.5	79.7	84.8	90.4	↑
Outbound Exchange Students	2.5%	72.5	98.7	100	100	=
Ranking		232	229	198	164	

Metode Pengukuran QS-WUR



Indikator dalam Pemeringkatan QS

NO.	INDIKATOR	BOBOT PADA PEMERINGKATAN			
		QS WUR	QS AUR	QS GER	QS WUR by Subject
1.	Academic Reputation	40%	30%		% bervariasi sesuai subyek
2.	Employer Reputation	10%	20%	30%	% bervariasi sesuai subyek
3.	Alumni Outcomes			25%	
4.	Partnerships with Employers per Faculty			25%	
5.	Citation per Faculty	20%			
6.	Citation per Paper		10%		% bervariasi sesuai subyek
7.	Papers per Faculty		5%		
8.	H-index				% bervariasi sesuai subyek
9.	International Research Network		10%		
10.	Faculty/Student Ratio	20%	10%		
11.	International Faculty Ratio	5%	2,5%		
12.	International Student Ratio	5%	2,5%		
13.	Staff with a PhD		5%		
14.	Inbound Exchange Students		2,5%		
15.	Outbound Exchange Students		2,5%		
16.	Employer/Student Connections			10%	
17.	Graduate Employment Rate			10%	
	TOTAL	100%	100%	100%	100%

Sumber Data:

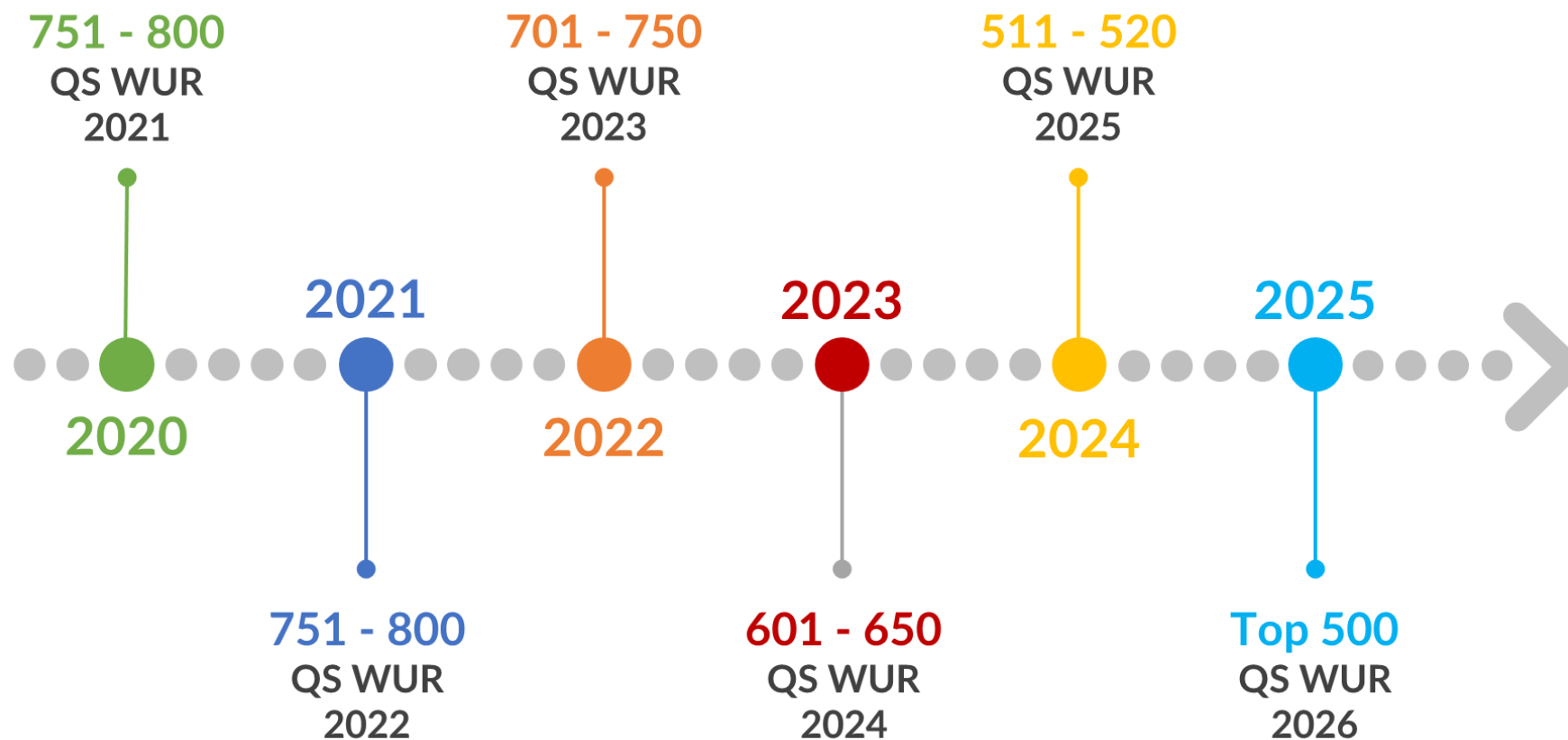
QS Survey

Scopus Data

Submitted Data



Target ITS Menuju 500 Besar QS WUR

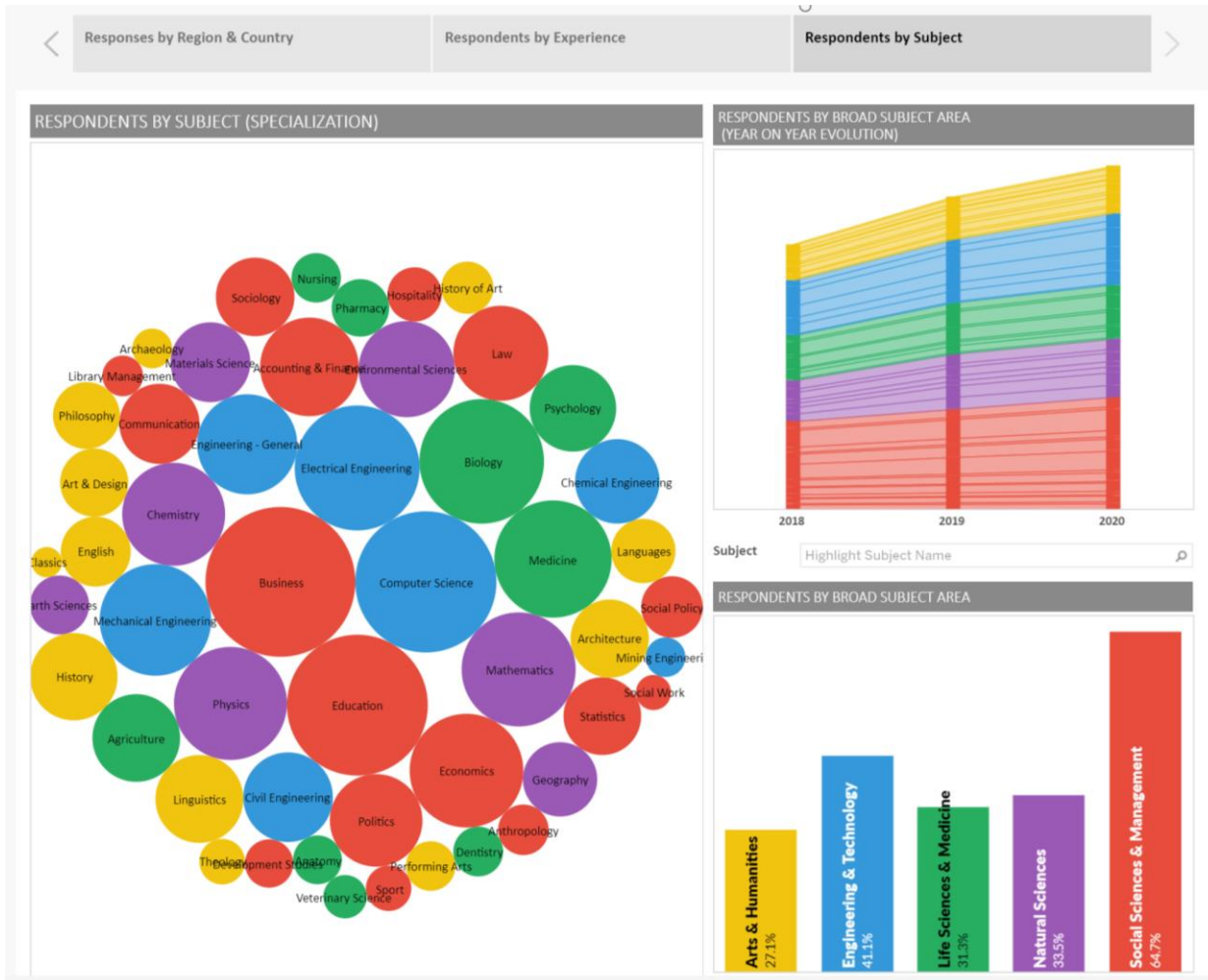


ITS vs. Top 5 Indonesia (QS WUR 2022)

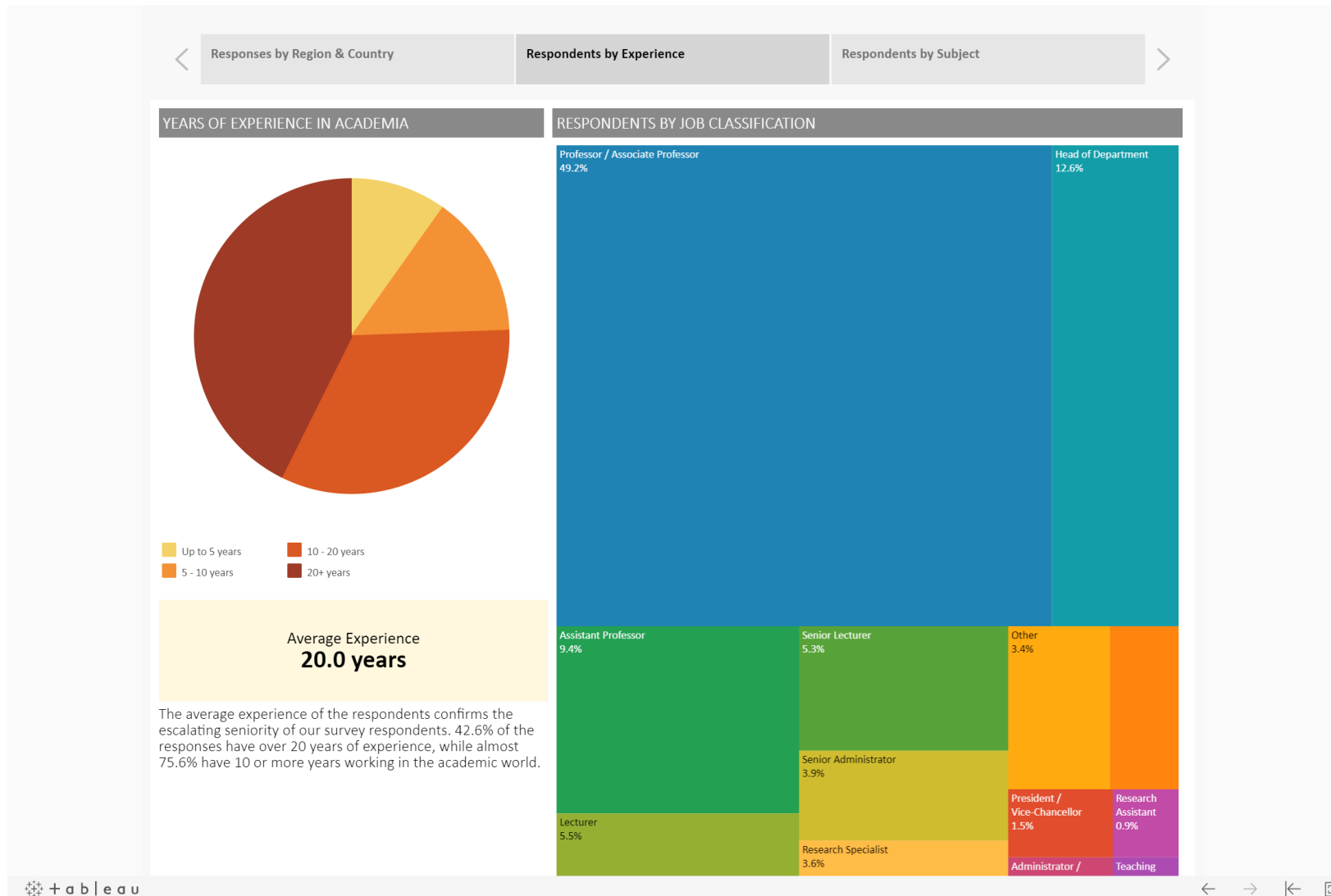
	INDIKATOR	Weighting	UGM	UI	ITB	UNAIR	IPB	ITS
SURVEY (50%)	Academic Reputation	40 %	47.8	44.1	41.2	27.4	18.9	11.2
	Employer Reputation	10 %	44.4	51.8	44.0	49.3	21.0	22.4
DATA (50%)	Faculty-Student Ratio	20 %	65.4	39.1	57.8	44.0	55.1	26.1
	Citation per Faculty	20 %	1.50	1.80	2.70	1.20	1.60	2.10
	International Faculty	5 %	21.3	74.7	17.7	2.90	43.3	45.7
	International Students	5 %	2.30	3.50	3.40	2.20	3.30	4.50
	Total Score		38.12	34.91	34.04	25.19	23.33	14.87
	Ranking		#254	#290	#303	#465	#511-520	#751-800

Target ITS Menuju 500 Besar QS WUR

INDIKATOR	%	2019 (QS WUR 2020)	2020 (QS WUR 2021)	2021 (QS WUR 2022)	2022 (QS WUR 2023)	2023 (QS WUR 2024)	2024 (QS WUR 2025)	2025 (QS WUR 2026)
Academic Reputation	40%	9.30	9.50	11.20	14.00	18.00	24.00	25.00
Employer Reputation	10%	13.70	18.10	22.40	28.00	34.00	38.00	40.00
Faculty Student Ratio	20%	27.50	32.50	26.10	30.00	34.00	36.00	38.00
Citations per Faculty	20%	2.20	2.40	2.10	2.10	2.10	2.30	2.30
International Faculty Ratio	5%	42.60	53.70	45.70	35.00	35.00	35.00	35.00
International Students Ratio	5%	4.90	5.10	4.50	3.00	3.00	3.50	3.50
Overall Score	100%	13.41	15.53	14.87	16.72	19.72	22.99	23.99
	Rank	801 - 1000	751 - 800	751-800	701-750	601 - 650	511 - 520	499



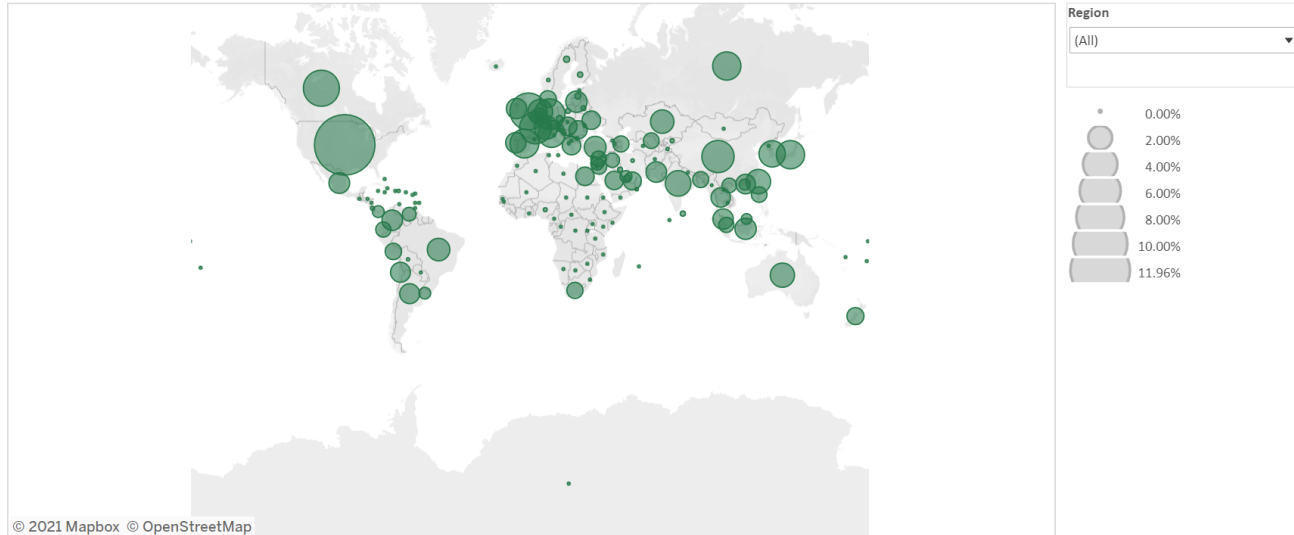
Academic Responses Global



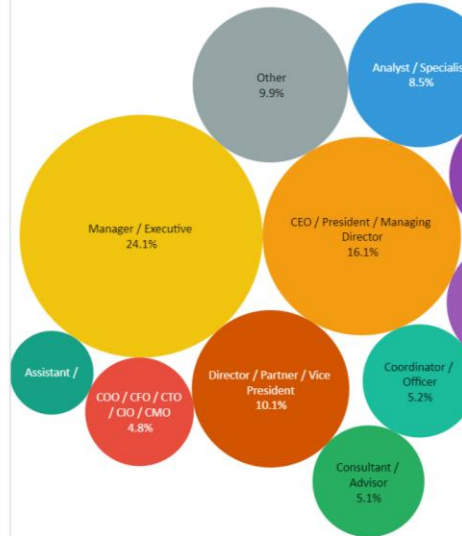
Global

2020/21 Employer Responses

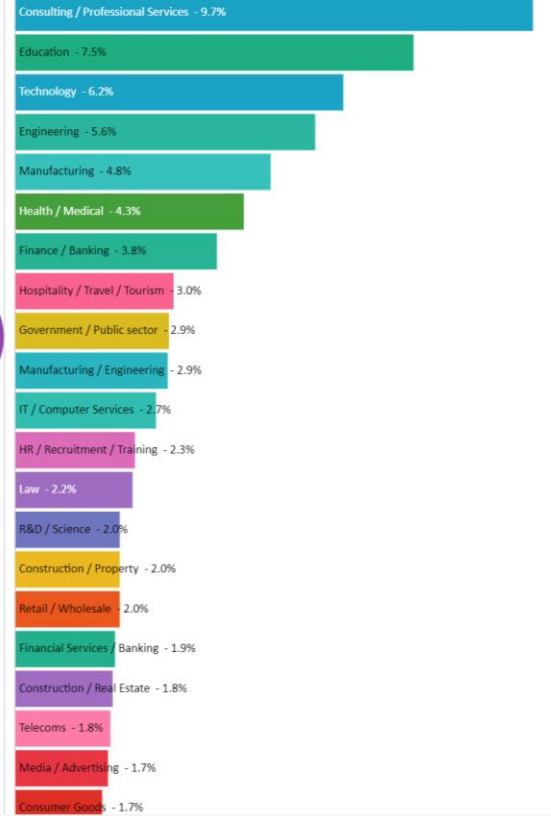
50,712



Employers by Role



Employers by Industry



Employer Reputation ITS vs Nasional

Employer Reputation Rankings Performance

Employer Reputation - Ranking Evolution

Employer Reputation - Domestic and International

Employer Reputation - Regional and Rank Ranges

Employer Reputation and World Averages

Employer Reputation by Subject Area - Rank

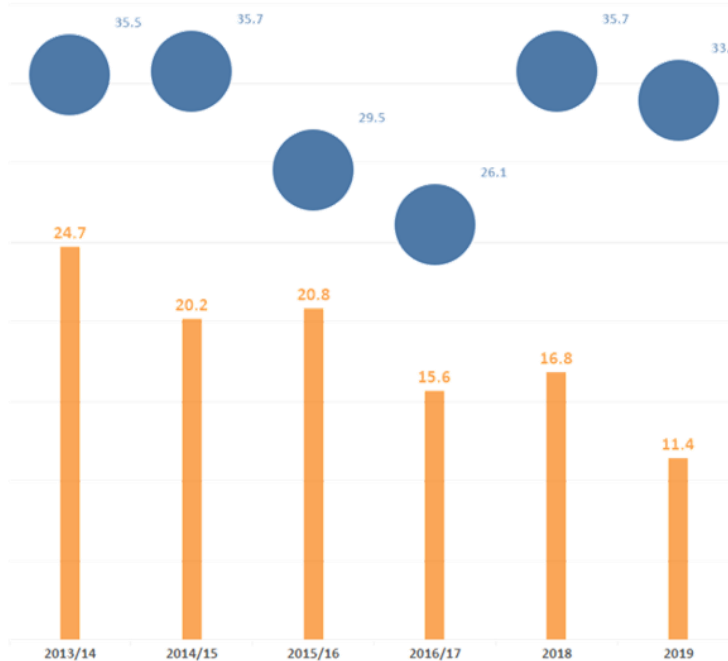
Employer Reputation by Subject - Rank

The Charts below show the score performance of selected institution versus the regional average score.

By hovering over the line graph, a more detailed analysis can be obtained

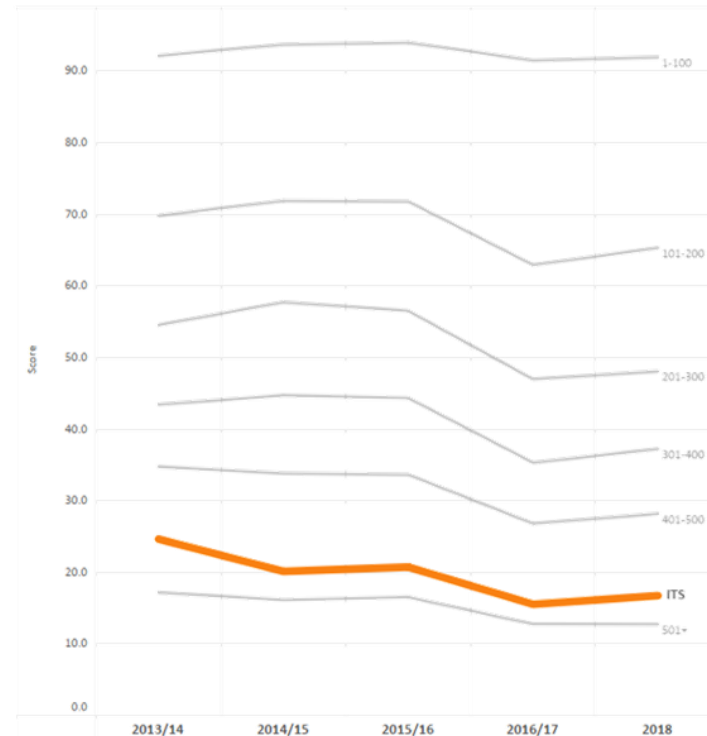
SELECT AN INSTITUTION
ITS

EMPLOYER REPUTATION SCORE ITS vs INDONESIA'S AVERAGE



While the circle in blue represents the average country score for every rankings year, the bar shows the selected institution's score.

EMPLOYER REPUTATION SCORE - ITS VS AVERAGE SCORES BY RANK RANGES - EVOLUTION



Sumber Data Responden

ACADEMIC REPUTATION

The results are based on the responses to a survey distributed worldwide academics from a number of different sources:

- Previous Respondents
- World Scientific
- Mardev-DM2
- Academic Signup
- **Institution Supplied List**

EMPLOYER REPUTATION

The results are based on the responses to a survey distributed worldwide to employers from a number of different sources:

- Previous Respondents
- QS Databases
- QS Partners
- **Institution Supplied List**

Note:

- Perlu men-*submit* 400 nama Academic Peer dan 400 nama Employee Peer setiap tahun
- Penilaian dilakukan untuk kurun waktu 5 tahun, sehingga diharapkan nama-nama yang dimasukkan dalam list adalah nama-nama baru tiap tahunnya (2000 nama dalam 5 tahun)



Format Data Responden

Academic contact details:

	A	B	C	D	E	F	G	H	I	J
1	Please provide no more than one contact per row and no more than one email address per record. Enter first and last name separately or enter the full name in the 'first name' box. Please follow examples below, otherwise we are not able to accept your submission.									
2										
3	☐ I confirm that I have the consent of those below to share their information with QS.									
4	Source	Title	First Name	Last Name	Job Title	Department	Institution	Location	Email	Phone (Optional)
5	University of XYZ	Ms	Ting	Qin	Data Acquisition Mar	Office of Institutional Research	QS University	UK	ting@qs.com	442074282719
6	University of XYZ	Mr	Gabriel	Costa	Data Acquisition Assi	Office of Assessment and Planning	QSIU University	UK	gabriel.costa@qs.co	919920355607
7										

Employer contact details:

	A	B	C	D	E	F	G	H	I	J
1	Please provide no more than one contact per row and no more than one email address per record. Enter first and last name separately or enter the full name in the 'first name' box. Please follow examples below, otherwise we are not able to accept your submission.									
2										
3	☐ I confirm that I have the consent of those below to share their information with QS.									
4	Source	Title	First Name	Last Name	Position	Industry	Company Name	Location	email	Phone (Optional)
5	University of XYZ	Ms	Ting	Qin	Data Acquisition Manager	Media and Adverstising	Ting Enterprises	UK	ting@qs.com	442074282719
6	University of XYZ	Mr	Gabriel	Costa	Data Acquisition Assistant	Technology	Gabriel Corporation	UK	gabriel.costa@qs.com	919920355607
7										



QS Global Employer Survey – Sign Up 2020



Employer Reputation is one of the key aspects utilized to compile the QS World University Rankings®, our regional rankings and further evaluation projects. It is considered as the world's most viewed global evaluation of university research strength. The views of the most informed stakeholders count.

Please share your opinion with us and register your interest in participating in the QS Global Employer Survey.

Personal Details

Fields marked with a * are mandatory. Personal information will not be shared with third parties, all contact details will solely be used for the purpose of contacting the QS Global Employer Survey and your responses will only ever be used in aggregate form.

Employer Signup – QS

Given Name*

Family Name*

Email Address*

Organization*

Job Title*

Where did you hear about the sign-up facility?*

☐ email from QSIU

☐ website QSIU

☐ email from partner university/institution – please specify on the next page

☐ other – please specify

Job Classification*

Please select the classification that most accurately reflects your position

Country / Territory*

Main Industry Sector

QS Global Employer Survey – Sign Up 2020

Thank you for registering your interest in the 2020 QS Global Employer Survey. All contact details will solely be used for the purpose of this exercise.

You can expect to receive the main survey in the first quarter of 2020.

In the meantime, if you have any questions, please contact us on rankings@qs.com

Many thanks,

QS Intelligence Unit

Email Consent – QS

Dear [Greeting/Name],

We are writing to you as an important stakeholder of our university. We value our ongoing engagement with you and would like to be certain that we are not using your information for any purpose that you would prefer us not to. For the purposes of an important global survey of academic opinion, we would like to seek your permission to pass on your contact details (name, job title, institution and email address) to the QS Intelligence Unit (QSIU). We feel that your impartial responses would contribute to the insight and precision of the survey's outcomes.

If you consent to your contact details being passed to QSIU for this purpose exclusively, please reply to this email by [\[insert the date\]](#). If we do not hear from you by this date, we will assume that you do not want your contact details to be passed on.

If you agree, you should be contacted by QSIU in the next few months with an invitation to participate in the annual QS Global [Academic/Employer](#) Survey, along with a maximum of three reminders. Their email will come from rankings@qs.com please add to your safe senders and check your spam.

The resulting data will be used in aggregate form only, QSIU will not contact you for any other reason, or for more than two editions of their annual survey, without supplementary or separate consent. Your responses will be combined with those of many others around the world to form academic reputation indicators used in the QS World University Rankings at global, regional, subject and program levels where relevant. Detailed information can be found here: <http://www.iu.qs.com/university-rankings/indicator-academic/>
<http://www.iu.qs.com/university-rankings/indicator-employer/>

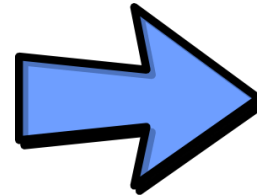
Many thanks in advance for your cooperation.

Kind regards,

[Contact person]

[Job title]

[University name]



Email formal yang akan dikirim ITS ke mitra (Academic Peer dan Employer Peer) untuk meminta kesediaan mitra menjadi responden QS

Kuesioner didistribusikan sekitar Bulan Februari – Maret setiap tahunnya



Employer Reputation - Kuesioner

The Survey

☐ Personal Details

- Name
- Company
- Email
- Country/ Territory

☐ Company Characteristics

- Industry
- Organization Size
- Recruitment Levels
- Recruitment Extent
- Regional Experience

☐ Top Domestic Institutions

Respondents are asked to **identify up to ten domestic institutions they consider best for recruiting graduates.**

☐ Top International Institutions

Respondents are asked to **identify up to thirty international institutions they consider best for recruiting graduates.** The list consists solely of institutions from the region(s) with which they express familiarity in section 2.

☐ Additional Information

We use this section to gather additional information from respondents, such as feedback on previous publications and the importance of





Thank You

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studyabroad@its.ac.id



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ITS International Office

