

The World University Rankings for Innovation (WURI)

Dynamic Innovation through Cross-Learning

Hwy-chang Moon

Founding Director, The WURI Ranking
Chairman, The Institute for Policy and Strategy on National Competitiveness (IPSNC)

May 17, 2023

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The New Ranking: Importance and Methodology

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The Fourth Year of the WURI Ranking

2020

On-line Conference **LIVE**

Innovative Universities

The World's Universities with Real Impact (WURI) Ranking for 2020

Date June 11th (THUR)

UTC-time	San Francisco	New York	London	Brussels	Dubai	Beijing
June 11 (Thur.)	Thur. 6:00	Thur. 9:00	Thur. 14:00	Thur. 15:00	Thur. 17:00	Thur. 21:00

Venue On-air (from Seoul)

Program Schedule (60 mins)
MC: LEE, Yeon (Researcher of IPSNC)

- 1) Congratulatory Remarks (15 mins)**
 - PIJLMAN, Henk (Founding President of the Hanseatic League of Universities)
 - EL-HADDAD, Rabih (Director of UNITAR's Division for Multilateral Diplomacy)
 - WARDEN, Greg (President of FUS)
- 2) Keynote Speech (15 mins)**
 - CHO, Dong-Sung (Second President of the Hanseatic League of Universities and President of HLU)
- 3) Release of the WURI Ranking 2020 (20 mins)**
 - MOON, HwY-Chang (Professor Emeritus of SNU and Director of the WURI Ranking)
- 4) Video Presentations: Innovative Programs and Evaluation Reviews (10 mins)**
- 5) Closing Remarks (1 min)**

Logos: IPU, WURI, IPSNC, UNITAR, FRANKLIN

2021

On-line Conference **LIVE**

Innovative Universities

The World's Universities with Real Impact (WURI) Ranking for 2021

Date June 10 (THUR), 2021

UTC-time	San Francisco	New York	London	Brussels	Dubai	Beijing	Seoul
June 10 (Thur.)	Thur. 6:00	Thur. 9:00	Thur. 14:00	Thur. 15:00	Thur. 17:00	Thur. 21:00	Thur. 22:00

Venue On-air (from Seoul)
Organized by the Institute for Policy and Strategy on National Competitiveness (IPSNK)

Program Schedule (60 mins)
MC: YIN, Wenyang (Senior Researcher of IPSNC)

- 1) Congratulatory Remarks (15 mins)**
 - PIJLMAN, Henk (Founding President of the Hanseatic League of Universities)
 - HAERTLE, Jonas (Chief, Executive Director Office, UN Institute for Training and Research)
 - WARDEN, Greg (President of Franklin University Switzerland)
- 2) Keynote Speech (15 mins)**
 - CHO, Dong-Sung (Second President of the Hanseatic League of Universities and Chairman of the Institute for Industrial Policy Studies)
- 3) Release of the WURI Ranking 2021 (20 mins)**
 - MOON, HwY-Chang (Professor Emeritus of Seoul National University and Founding Director of the WURI Ranking)
- 4) Closing Remarks (1 min)**

Logos: IPU, WURI, I P S, TAYLOR INSTITUTE, UNITAR

2022

Online Conference **LIVE**

The WURI Ranking 2022

Global Top 100 Innovative Universities

Date Thursday, June 9, 2022

UTC	San Francisco	New York	London	Brussels	Dubai	Beijing	Seoul
June 9 (Thur.)	Thur. 6:00	Thur. 9:00	Thur. 14:00	Thur. 15:00	Thur. 17:00	Thur. 21:00	Thur. 22:00

Venue On-air (from Seoul)
Organized by the Institute for Policy and Strategy on National Competitiveness (IPSNK)

Program Schedule (60 mins)
MC: LEE, Seulah (Senior Researcher of WURI)

- 1) Congratulatory Remarks (15 mins: 5 mins each)**
 - PIJLMAN, Henk (Founding President of the Hanseatic League of Universities)
 - KUMAMOTO, Mihoko (Director of Division for Prosperity, UNITAR)
 - WARDEN, Greg (President of Franklin University Switzerland)
- 2) Keynote Speech (15 mins)**
 - CHO, Dong-sung (Second President of the Hanseatic League of Universities and Chairman of the Institute for Industrial Policy Studies)
- 3) Release of the WURI Ranking 2022 (20 mins)**
 - MOON, HwY-chang (Professor Emeritus of Seoul National University and Founding Director of the WURI Ranking)
- 4) Announcement of the 2023 Annual Conference of Hanseatic League of Universities at Florida Gulf Coast University (with the release of the WURI Ranking 2023) (5 mins)**
- 5) Closing Remarks (1 min)**

Logos: The Hanseatic League of Universities, I P S, THE TAYLOR INSTITUTE, UNITAR

2023

Hybrid Conference **LIVE**

The WURI Ranking 2023

Global Top 100 Innovative Universities

Date Monday, May 15th ~ Wednesday, May 17th

	San Francisco	New York	London	Dubai	Beijing	Seoul
WURI Case Presentation	Part 1: 7:45-10:45 Part 2: 12:00-15:00	16th 9:00-12:00	16th 15:45-18:45	16th 18:45-22:45	16th 22:45-3:00	16th 4:00
Venue	On-site: Florida Gulf Coast University Online: Zoom Webinar					

Part 1: WURI Case Presentations

- WURI Case Presentations: Industrial Application**
 - Case1: Great Books Program: CHOI, Byoung-ju, Provost, Incheon National University
 - Case2: Big Data Hub: POPWICH, Fred, Scientific Director, Simon Fraser University
 - Case3: Electric Vehicle Conversion Platform: KEWARA, Purwala, Assistant President for International Relations, Brawijaya University
- WURI Case Presentations: Entrepreneurial Spirit**
 - Case1: Silicon Valley School - Venture Ecosystem: SPERBER, Peter, President, Opendorf Institute of Technology
 - Case2: Arts and Leadership: PURIG, Danica, President, IEDC-Bled School of Management
 - Case3: B University Entrepreneurial Spirit: EL KALLA, Ibrahim, President, Baier University in Cairo
- WURI Case Presentations: Ethical Values**
 - Case1: aSISST University's programs to promote Ethical Values: KIM, Tae-hyun, President, aSISST University
 - Case2: Students' Ethical and Authentic Learning: ANG, Mercedes, President, St. Paul University
 - Case3: A Supportive Program in UBT: HAJRIZ, Edmond, Director, UBT - HIGHER EDUCATION INSTITUTION

Part 2: WURI Case Presentations

- WURI Case Presentations: Industrial Application**
 - Case1: Great Books Program: YILMAZ, Cengiz, President, Abulbaki Gali University
 - Case2: Big Data Hub: MAJDOVI, Ivan, Proctor, National University of Uzbekistan
 - Case3: Electric Vehicle Conversion Platform: WUBAN, Daniel A., President, Millersville University
- WURI Case Presentations: Entrepreneurial Spirit**
 - Case1: Silicon Valley School - Venture Ecosystem: BOLA, Kishor, Executive Director Francis, The University of the South Pacific
 - Case2: Arts and Leadership: ULTRA, Cheryl L., President, University of Eastern Philippines
 - Case3: B University Entrepreneurial Spirit: SHAHHEEN HAMADI, Saad, Prof. Dr., University of Basrah
- WURI Case Presentations: Ethical Values**
 - Case1: aSISST University's programs to promote Ethical Values: MARRION BETANCOURT, Clark, Coordinator, Universidad de Las Americas
 - Case2: Students' Ethical and Authentic Learning: LAM, Thanh Hien, Vice Rector, Lac Hong University
 - Case3: A Supportive Program in UBT: IBRUKJ, Tonina, President, University of Mosar

	San Francisco	New York	London	Dubai	Beijing	Seoul
Ranking Presentation	17th 17:00-18:00	17th 20:00-21:00	18th 1:00-2:00	18th 4:00-5:00	18th 8:00-9:00	18th 9:00
Venue	On-site: Hyatt Regency Coconut Point Resort & Spa Online: Youtube Live Streaming					

Part 1: WURI Case Presentations

- WURI Case Presentations: Industrial Application**
 - Case1: Great Books Program
 - Case2: Big Data Hub
 - Case3: Electric Vehicle Conversion Platform

Logos: HLU, Hanseatic League of Universities, I P S, TAYLOR INSTITUTE, UNITAR

Limitations with Existing Models for University Evaluation

Existing Models

- THE World University Rankings (Times Higher Education, UK)
- QS World University Rankings (Quacquarelli Symonds, UK)
- Academic Ranking of World Universities (ARWU, Shanghai Ranking, China)
- US News Best Global Universities Rankings (US News, USA)
- World's Most Innovative Universities (Reuters, UK)

Common Limitations

Academic Tradition vs. Innovative Impacts on the Real World

Challenges by the Companies in the Real World

- Big Tech Companies are looking for new ways to hire people without college degrees.
- Google recently launched a new selection of courses under its Google Career Certificates program, which only takes about six months to complete.



- There is doubt about the value of traditional higher education.
- Universities need a different approach.

A New Ranking System: Dynamic Innovation

Content: Embracing New Issues

- The Pandemic and Crisis Management
- The 4th Industrial Revolution and Technology Management

Methodology: Incorporating New Techniques (ChatGPT)

- Case Collection
- Case Evaluation

Content: Embracing New Issues

- ① Industrial Application
- ② Entrepreneurial Spirit
- ③ Ethical Values
- ④ Student Mobility and Openness
- ⑤ Crisis Management
- ⑥ Fourth Industrial Revolution

WURI RANKING 2020

Universities need a different approach

WURI RANKING 2021

Post ICovid-19: Back to normal or new normal?

WURI RANKING 2022

How to embrace real challenges?

Methodology: Incorporating ChatGPT

Improvement

- Data Collection and Processing
- Summary and Editing

Innovation

- Quantification of Qualitative Data
- Refining the Order of Cases with Identical Rankings

The Criteria for Evaluation

	Innovativeness	Implementability	Impact
(1) Industrial Application			
(2) Entrepreneurial Spirit			
(3) Ethical Value			
(4) Student Mobility and Openness			
(5) Crisis Management			
(6) Fourth Industrial Revolution			

• Content
• Process

• Cost
• Benefit

• Scope
• Intensity

The Process of Evaluation

Phase 1: Evaluation

- **Date:** By Mar 17, 2023
- Presidents or the school's evaluation team designated by the president

Phase 2.1: Judgment

- **Date:** By April 10, 2023
- Representatives of the university leagues and the members of the WURI Evaluation Board

Phase 2.2: ChatGPT Evaluation

- **Date:** By April 17, 2023
- GPT evaluation on a scale of 1 to 100 by innovativeness, implementability, and impact

Phase 3: Final Review

- **Date:** By April 21, 2023
- WURI Evaluation Board checked the reliability of the contents of the submissions, aggregated the recommendations of the judges, integrated GPT evaluation result, and finalized the entries of the WURI Ranking 2023

ChatGPT Evaluation Example 1: AI Innovation Lab Program

Evaluate this program's **innovativeness, implementability,** and **impact**, on a scale of 1 to 100, where 100 is the highest.

Innovativeness: 90

It is a unique and highly effective way to develop students' skills in AI and entrepreneurship, by adapting to changing global challenges.

Implementability: 85

It has a solid foundation, but requires additional resources and coordination for efficient implementation.

Impact: 90

It has a significant impact on students, as many students will benefit and much of the project will be further expanded to other areas.

Overall innovation score: 90

ChatGPT Evaluation Example 1: Student Exchange Program

Evaluate this program's **innovativeness**, **implementability**, and **impact**, on a scale of 1 to 100, where 100 is the highest.

Innovativeness: 30

It has been in existence for decades. The concept of student exchange programs is not new or particularly innovative.

Implementability: 90

It is generally well-established. As long as the necessary infrastructure and resources are in place, it is likely to be implemented successfully.

Impact: 50

Its impact depends on the quality of partner institutions. However, it does not show sufficient evidence of a good partnership.

Overall innovative score: 67.5

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The WURI Ranking 2023

To be presented at the conference

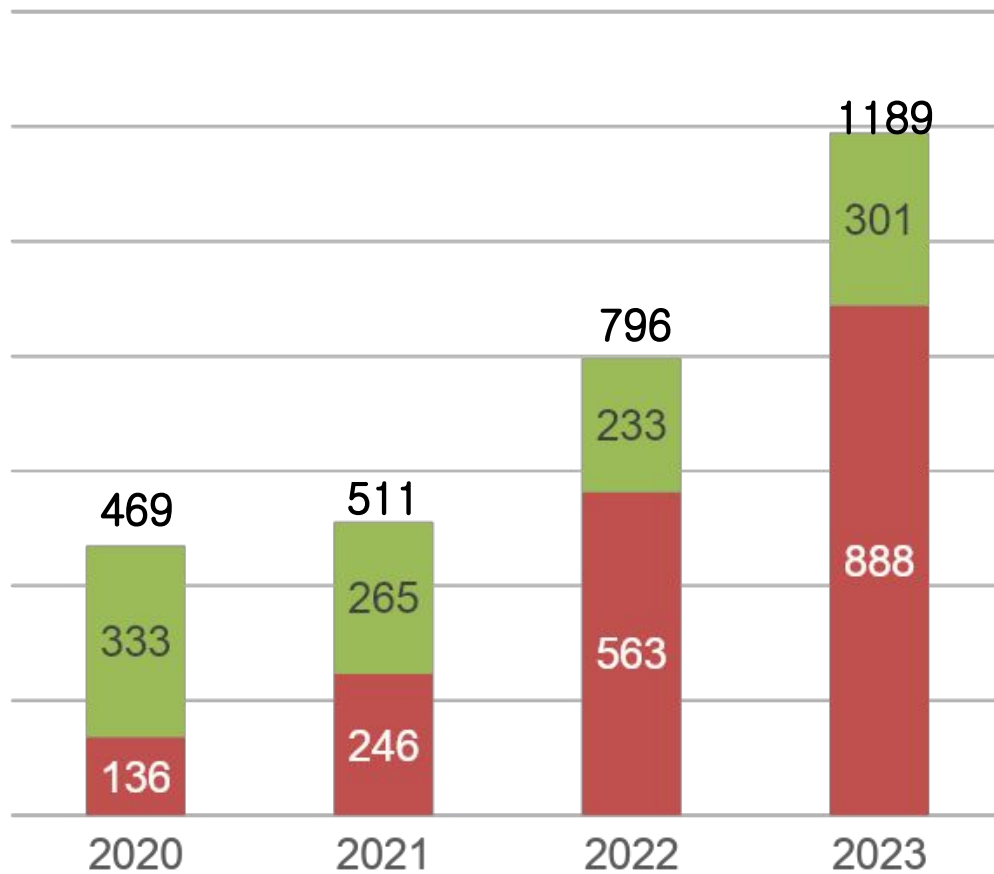
- Top 50 in each of the six categories
- Global Top 100

To be uploaded on the WURI website (www.wuri.world)

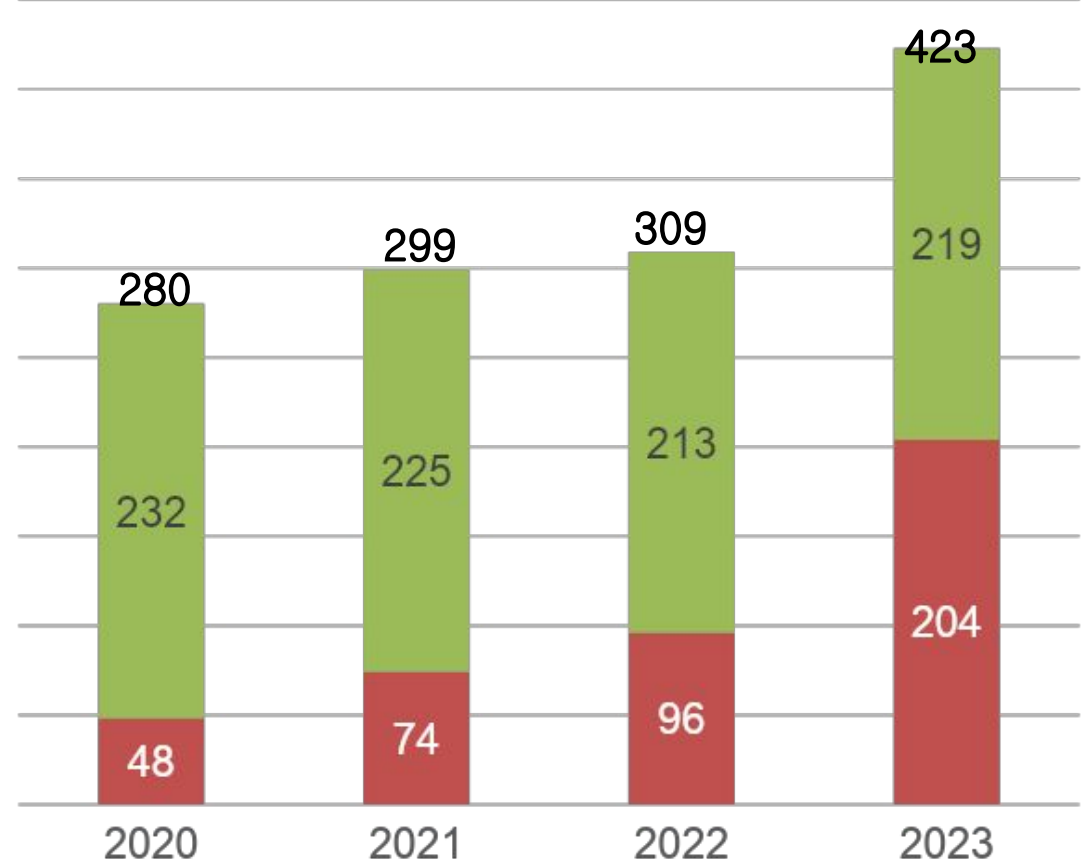
- Top 50 in each of the six categories
- Global Top 100
- Global Top 101 - 200, 201 - 300
- Presentation slides
- Other information
- Questions and comments (top100@wuri.world, www.wuri.world)

The WURI Ranking 2023: Significant Growth in Participation

Number of **Programs**
(2020-2023)



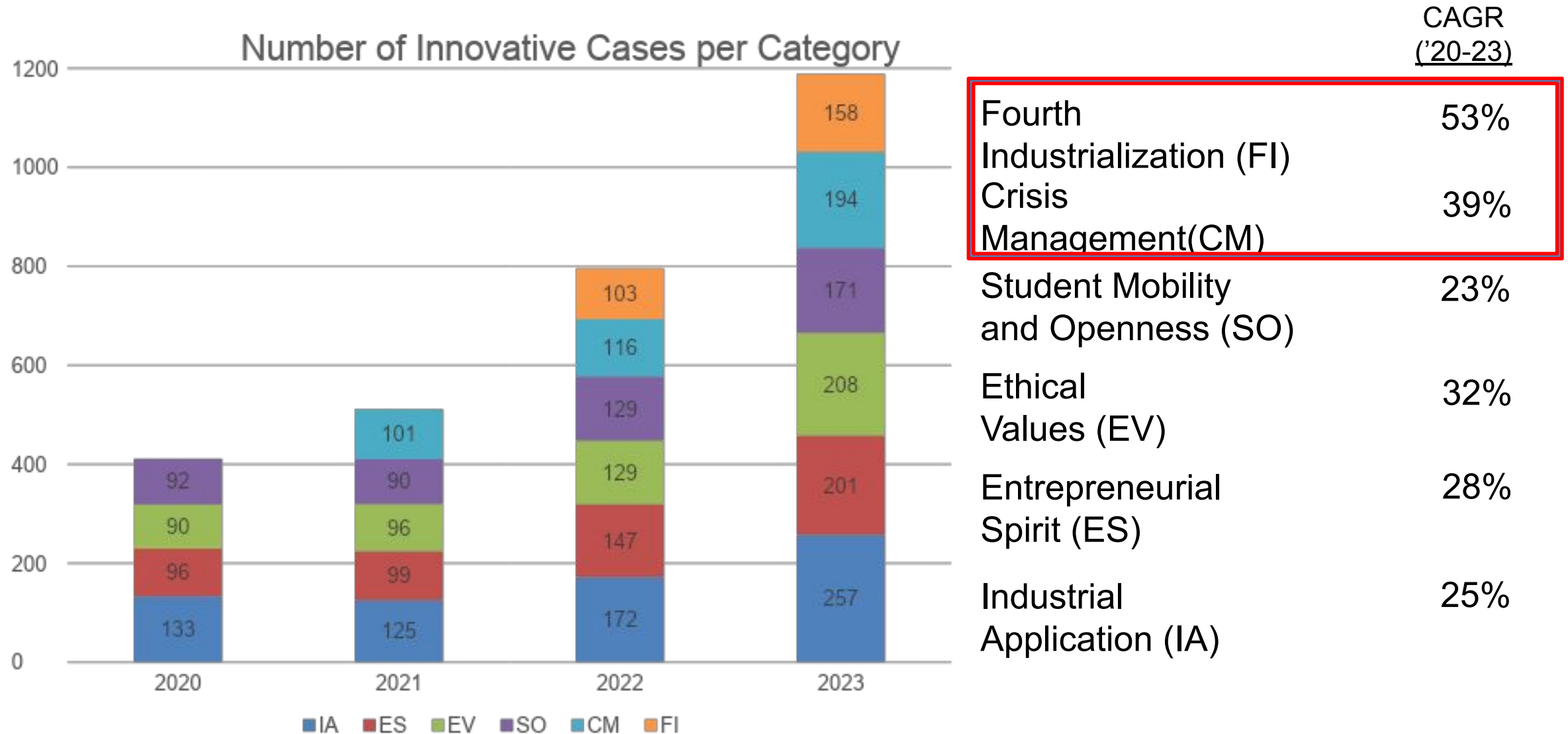
Number of **Universities**
(2020-2023)



Submitted

Collected

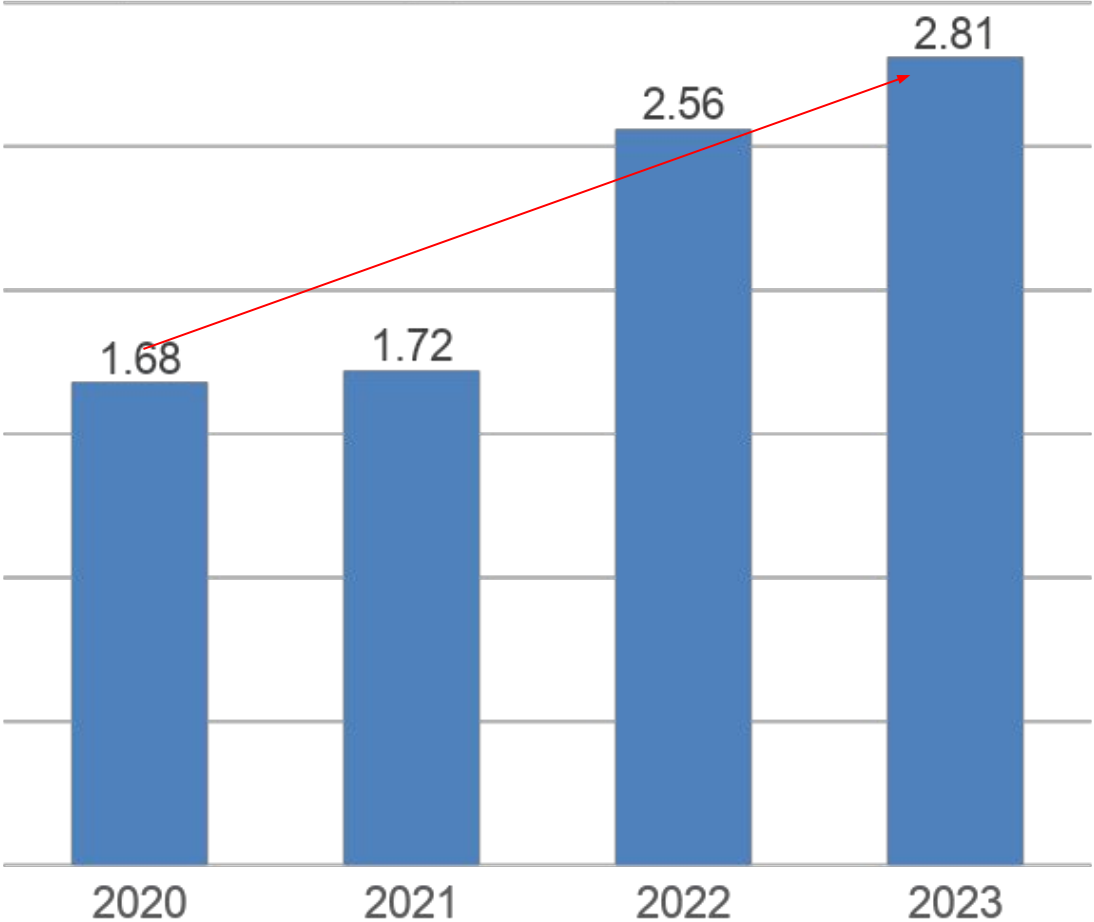
The WURI Ranking 2023: Rapid Growth across All Categories



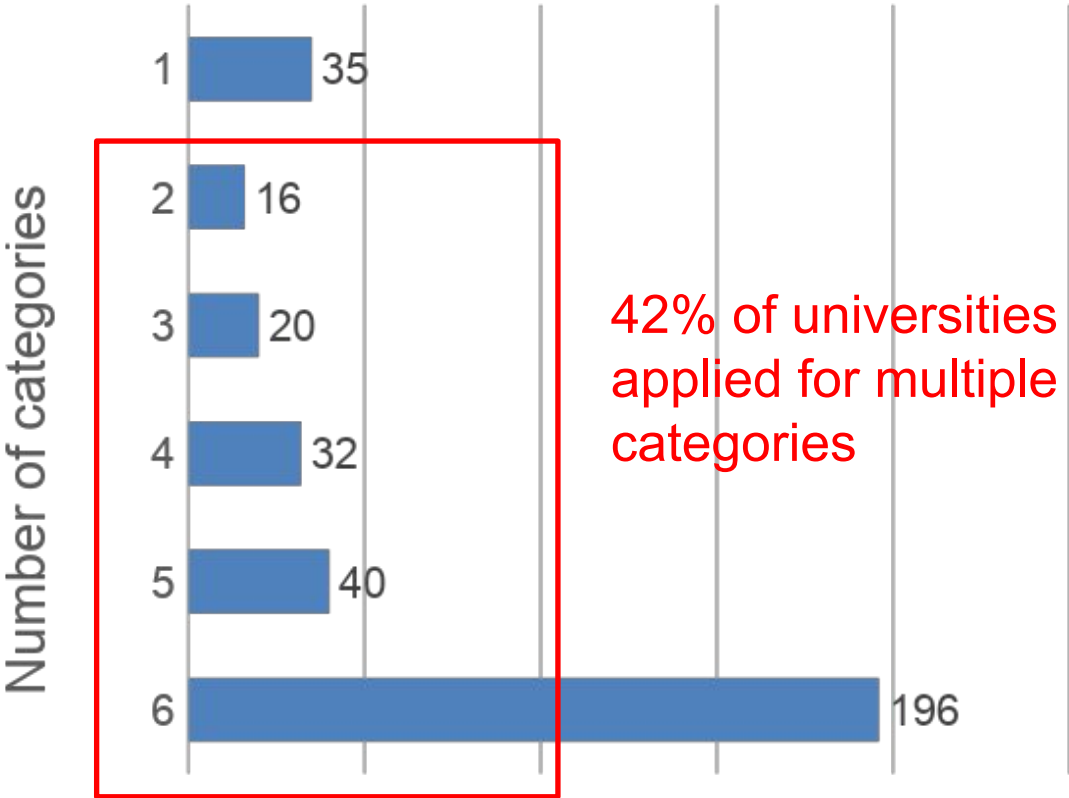
Rapid growth in newly added categories

The WURI Ranking 2023: Increase in Number of Programs

Number of innovative programs per university (2020-23)



Number of categories per university (2023)



Top 50

Six Categories

WURI 2023: Top 50 (Industrial Application)

Rank	Name	Region	Rank	Name	Region
1	Minerva University	USA	26	aSSIST University	Korea
2	Massachusetts Institute of Technology (MIT)	USA	27	Central Luzon State University	Philippines
3	California Institute of Technology	USA	28	Northwestern University	USA
4	Stanford University	USA	29	National University of Management	Cambodia
5	Incheon National University	Korea	30	Cebu Technological University	Philippines
6	Olin College of Engineering	USA	31	Kunjang University College	Korea
7	University of California, Merced	USA	32	Fatima Jinnah Women University	Pakistan
8	University of Oxford	U.K.	33	Samar State University	Philippines
9	Tsinghua University	China	34	National Yunlin University of Science and Technology	Taiwan, China
10	Burapha University	Thailand	35	World University of Bangladesh	Bangladesh
11	University of Cambridge	U.K.	36	University of Liberal Arts Bangladesh	Bangladesh
12	Kyoto University	Japan	37	Abdullah Gül University	Türkiye
13	Singularity University	USA	38	Centrum PUCP Business School	Peru
14	University of Technology of Sydney	Australia	39	Lac Hong University	Vietnam
15	Franklin University Switzerland	Switzerland	40	Saint Louis University	Philippines
16	Belgorod State National Research University	Russia	41	National Chi Nan University	Taiwan, China
17	Ohio State University	USA	42	IU International University of Applied Sciences	Germany
18	University of Gothenburg	Sweden	43	University of Split	Croatia
19	Hankuk University of Foreign Studies	Korea	44	University of Pretoria	South Africa
20	Simon Fraser University	Canada	45	Tra Vinh University	Vietnam
21	Universitas Amikom Yogyakarta (UAY)	Indonesia	46	Badr University in Cairo	Egypt
22	Charles Darwin University	Australia	47	Vishwakarma University	India
23	Hanbat National University	Korea	48	Brighton and Sussex Medical School	United Kingdom
24	Tampere University	Finland	49	ST. Paul University Phipplppines	Philippines
25	Seoul Institute of the Arts	Korea	50	Universidad de Las Americas	Ecuador

WURI 2023: Top 50 (Entrepreneurial Spirit)

Rank	Name	Region	Rank	Name	Region
1	Deggendorf Institute of Technology	Germany	26	Ajou University	Korea
2	Simon Fraser University	Canada	27	Dalian Neusoft University of Information	China
3	Hanze University of Applied Sciences	Netherlands	28	Burapha University	Thailand
4	Aalto University	Finland	29	Hanbat National University	Korea
5	University of California, Berkeley	USA	30	Singapore Management University	Singapore
6	Instituto Politécnico de Bragança	Portugal	31	Athens University	Greece
7	George Mason University	USA	32	Toyota Technological Institute	Japan
8	Indira Gandhi Delhi Technical University for Women	India	33	Linnaeus University	Sweden
9	Monash University	Australia	34	FEU Institute of Technology	Philippines
10	University of Oulu	Finland	35	Ilia State University	Georgia
11	Tra Vinh University	Vietnam	36	Badr University in Cairo	Egypt
12	Temple University	USA	37	Telkom University	Indonesia
13	Rensselaer Polytechnic Institute	USA	38	Florida Gulf Coast University	USA
14	University of Twente	Netherlands	39	Griffith University	Australia
15	Northern Kentucky University	USA	40	Florida International University	USA
16	IEDC-Bled School of Management	Slovenia	41	Cebu Technological University	Philippines
17	Queen's University	Canada	42	Hanyang University	Korea
18	Arizona State University	USA	43	Saint Louis University	Philippines
19	University of Liberal Arts Bangladesh	Bangladesh	44	Chitkara University	India
20	National University of Management	Cambodia	45	University of the Cordilleras	Philippines
21	Kyushu University	Japan	46	University of Aveiro	Portugal
22	Beijing Technology and Business University	China	47	University of Baguio	Philippines
23	University of Wollongong	Australia	48	Mariano Marcos State University	Philippines
24	Draper University	USA	49	aSSIST University	Korea
25	Bucharest University of Economic Studies	Romania	50	University of Toronto	Canada

WURI 2023: Top 50 (Ethical Value)

Rank	Name	Region	Rank	Name	Region
1	Ecole 42	France	26	IEDC-Bled School of Management	Slovenia
2	University College London	United Kingdom	27	Hanbat National University	Korea
3	Franklin University Switzerland	Switzerland	28	University of Liberal Arts Bangladesh	Bangladesh
4	University of Pennsylvania	USA	29	National Chi Nan University	Taiwan, China
5	Harvard University	USA	30	Leyte Normal University	Philippines
6	Florida State University	USA	31	Batangas State University	Philippines
7	Telkom University	Indonesia	32	James Cook University	Australia
8	Columbia University	USA	33	IUBAT—International University of Business Agriculture and Technology	Bangladesh
9	aSSIST University	Korea	34	Luther University	Korea
10	Badr University in Cairo	Egypt	35	Cordillera Career Development College	Philippines
11	Florida Gulf Coast University	USA	36	Minerva University	USA
12	University College Dublin	Ireland	37	University of Perpetual Help System DALTA	Philippines
13	Yale University	USA	38	Stanford University	USA
14	University of Lincoln	United Kingdom	39	La Trobe University	Australia
15	Ajou University	Korea	40	Dublin City University	Ireland
16	Cranfield School of Management	United Kingdom	41	Technological Institute of the Philippines	Philippines
17	Instituto Politécnico de Bragança	Portugal	42	Ifugao State University	Philippines
18	University of Split	Croatia	43	Samar State University	Philippines
19	Griffith University	Australia	44	Cebu Technological University	Philippines
20	Monash University	Australia	45	Institut Teknologi Telkom Purwokerto (ITTP)	Indonesia
21	Chungbuk National University	Korea	46	IU International University of Applied Sciences	Germany
22	National University of Management	Cambodia	47	FEU Institute of Technology (FEU Tech)	Philippines
23	Rutgers University: Business School	USA	48	Lovely Professional University	India
24	ST. Paul University Philippines	Philippines	49	Tra Vinh University	Vietnam
25	Central Luzon State University	Philippines	50	Mariano Marcos State University	Philippines

WURI 2023: Top 50 (Student Mobility and Openness)

Rank	Name	Region	Rank	Name	Region
1	Abdullah Gül University	Türkiye	26	National Chi Nan University	Taiwan, China
2	Boston University	USA	27	Leyte Normal University	Philippines
3	National University of Singapore	Singapore	28	Monash University	Australia
4	Peking University	China	29	Centrum PUCP Business School	Peru
5	Seoul National University	Korea	30	Washington State University	USA
6	Hankuk University of Foreign Studies	Korea	31	Seoul Institute of the Arts	Korea
7	University of Copenhagen	Denmark	32	Lyceum-Northwestern University (LNU)	Philippines
8	Sussex University	United Kingdom	33	University of Denver	USA
9	Trinity College	USA	34	Tra Vinh University	Vietnam
10	Flinders University	Australia	35	Alexandru Ioan Cuza University of Iasi (AICUI)	Romania
11	Kansai University	Japan	36	Cebu Technological University	Philippines
12	Northern Arizona University	USA	37	University of Perpetual Help System DALTA	Philippines
13	University of Bonn	Germany	38	Millsaps College	USA
14	Incheon National University	Korea	39	ST. Paul University Philippines	Philippines
15	Badr University in Cairo	Egypt	40	National University of Management	Cambodia
16	Chungwoon University	Korea	41	The Catholic University of Korea	Korea
17	Beijing Normal University	China	42	American University of Ras Al Khaimah	UAE
18	RWTH Aachen University	Germany	43	University of the Cordilleras	Philippines
19	Telkom University	Indonesia	44	La Trobe University	Australia
20	aSSIST University	Korea	45	Minerva University	USA
21	Sarah Lawrence College	USA	46	National Dong Hwa University	Taiwan, China
22	Tarlac Agricultural University	Philippines	47	Batangas State University	Philippines
23	Dalian Neusoft University of Information	China	48	Daffodil International University	Bangladesh
24	Huachiew Chalermprakiet University (HCU)	Thailand	49	Murdoch University	Australia
25	University of Vienna	Austria	50	University of Split	Croatia

WURI 2023: Top 50 (Crisis Management)

Rank	Name	Region	Rank	Name	Region
1	Burapha University	Thailand	26	Temple University	USA
2	Instituto Politécnico de Bragança	Portugal	27	aSSIST University	Korea
3	Florida Gulf Coast University	USA	28	Chungbuk National University	Korea
4	Franklin University Switzerland	Switzerland	29	Tra Vinh University	Vietnam
5	King Mongkut's Institute of Technology Ladkrabang	Thailand	30	Ivy Tech Community College	USA
6	Belgorod State National Research University (BeISU)	Russia	31	University of Illinois at Urbana-Champaign	USA
7	Telkom University	Indonesia	32	Eckerd College	USA
8	Far Eastern University - Dr. Nicanor Reyes Medical Foundation (FEU-NRMF)	Philippines	33	KU Leuven	Belgium
9	Incheon National University	Korea	34	Hanze University of Applied Sciences	Netherlands
10	Cebu Normal University	Philippines	35	American International University-Bangladesh	Bangladesh
11	Fatima Jinnah Women University	Pakistan	36	New York University	USA
12	The University of the South Pacific	Fiji	37	University of Perpetual Help System DALTA	Philippines
13	King Edward Medical University, Lahore	Pakistan	38	Lumsa University	Italy
14	Biliran Province State University	Philippines	39	HEC Paris	France
15	University of Liberal Arts Bangladesh	Bangladesh	40	Sookmyung Women's University	Korea
16	Seoul Institute of the Arts	Korea	41	Purdue University	USA
17	Institut Teknologi Telkom Purwokerto (ITTP)	Indonesia	42	University of Kuala Lumpur	Malaysia
18	Staffordshire University	United Kingdom	43	The Catholic University of Korea	Korea
19	Ajou University	Korea	44	University of Michigan	USA
20	FEU Institute of Technology (FEU Tech)	Philippines	45	Unity College	USA
21	University of Babylon	Iraq	46	Lovely Professional University	India
22	Badr University in Cairo	Egypt	47	Elon University	USA
23	Chung-Ang University	Korea	48	Lynn University	USA
24	IEDC-Bled School of Management	Slovenia	49	Cornell University	USA
25	National University of Management	Cambodia	50	Cebu Normal University Medellin	Philippines

WURI 2023: Top 50 (Fourth Industrial Revolution)

Rank	Name	Region	Rank	Name	Region
1	Samar State University	Philippines	26	National Chi Nan University	Taiwan, China
2	IU International University of Applied Sciences	Germany	27	Batangas State University	Philippines
3	Mariano Marcos State University	Philippines	28	University of the Cordilleras	Philippines
4	National University of Management	Cambodia	29	Saint Louis University	Philippines
5	Lac Hong University	Vietnam	30	University of Split	Croatia
6	Chungbuk National University	Korea	31	Minerva University	USA
7	Dalian Neusoft University of Information	China	32	University of Mostar	Bosnia and Herzegovina
8	aSSIST University	Korea	33	Western Mindanao State University	Philippines
9	Kookmin University	Korea	34	Uttaranchal University	India
10	Badr University in Cairo	Egypt	35	Ifugao State University	Philippines
11	Florida Gulf Coast University	USA	36	Leyte Normal University	Philippines
12	Lovely Professional University	India	37	University of Oxford	United Kingdom
13	FEU Institute of Technology (FEU Tech)	Philippines	38	Benguet State University	Philippines
14	ST. Paul University Philippines	Philippines	39	CHRIST	India
15	Incheon National University	Korea	40	IEDC-Bled School of Management	Slovenia
16	Institut Teknologi Telkom Purwokerto (ITTP)	Indonesia	41	Carnegie Mellon University	USA
17	American International University-Bangladesh	Bangladesh	42	Don Mariano Marcos Memorial State University	Philippines
18	Tra Vinh University	Vietnam	43	National University of Uzbekistan	Uzbekistan
19	Central Luzon State University	Philippines	44	Technological Institute of the Philippines	Philippines
20	University of Liberal Arts Bangladesh	Bangladesh	45	Lyceum of the Philippines University Cavite	Philippines
21	Telkom University	Indonesia	46	The University of Faisalabad	Pakistan
22	Fatima Jinnah Women University	Pakistan	47	Daegu Health College	Korea
23	Harvard University	USA	48	Lyceum of the Philippines University - Manila	Philippines
24	Khawaja Fareed University of Engineering and Information Technology	Pakistan	49	Panpacific University Inc.	Philippines
25	Hanbat National University	Korea	50	Our Lady of Fatima University	Philippines

Global Top 100

Innovative Universities

WURI 2023: Global Top 100 Innovative Universities (1 - 50)

Rank	Name	Region	Rank	Name	Region
1	Minerva University	USA	26	Franklin University Switzerland	Switzerland
2	Arizona State University	USA	27	University of Chicago	USA
3	University of Pennsylvania	USA	28	Columbia University	USA
4	MIT	USA	29	Northern Arizona University	USA
5	Stanford University	USA	30	Singularity University	USA
6	Ecole 42	France	31	Florida State University	USA
7	Aalto University	Finland	32	Hankuk University of Foreign Studies	Korea
8	University of California, Berkeley	USA	33	Florida Gulf Coast University	USA
9	Hanze University of Applied Sciences	Netherlands	34	University College London	United Kingdom
10	Princeton University	USA	35	Peking University	China
11	California Institute of Technology	USA	36	University of Twente	Netherlands
12	Harvard University	USA	37	Ohio State University	USA
13	Simon Fraser University	Canada	38	University College Dublin	Ireland
14	Boston University	USA	39	Flinders University	Australia
15	Abdullah Gül University	Türkiye	40	Indira Gandhi Delhi Technical University for Women (IGDTUW)	India
16	Deggendorf Institute of Technology	Germany	41	Beijing Normal University	China
17	Seoul National University	Korea	42	Sussex University	United Kingdom
18	Incheon National University	Korea	43	Tra Vinh University	Vietnam
19	National University of Singapore	Singapore	44	Badr University in Cairo	Egypt
20	Tsinghua University	China	45	IEDC-Bled School of Management	Slovenia
21	University of Oxford	United Kingdom	46	Burapha University	Thailand
22	University of Cambridge	United Kingdom	47	Temple University	USA
23	Duke University	USA	48	Yale University	USA
24	Olin College of Engineering	USA	49	Trinity College	USA
25	University of California, Merced	USA	50	University of Copenhagen	Denmark 27

WURI 2023: Global Top 100 Innovative Universities (51 - 100)

Rank	Name	Region	Rank	Name	Region
51	Kyoto University	Japan	76	Aix-Marseille University	France
52	Monash University	Australia	77	FEU Institute of Technology (FEU Tech)	Philippines
53	Sarah Lawrence College	USA	78	George Mason University	USA
54	Telkom University	Indonesia	79	University of the People	USA
55	University of Bonn	Germany	80	Northwestern University	USA
56	Far Eastern University - Dr. Nicanor Reyes Medical Foundation	Philippines	81	ST. Paul University Philippines	Philippines
57	University of Technology of Sydney	Australia	82	RWTH Aachen University	Germany
58	aSSIST University	Korea	83	Toyota Technological Institute	Japan
59	Kansai University	Japan	84	University of Oulu	Finland
60	Hanbat National University	Korea	85	Seoul Institute of the Arts	Korea
61	Belgorod State National Research University	Russia	86	Central Luzon State University	Philippines
62	University of Gothenburg	Sweden	87	Ajou University	Korea
63	Dublin City University	Ireland	88	Fatima Jinnah Women University	Pakistan
64	Tampere University	Finland	89	National Dong Hwa University	Taiwan, China
65	Chungbuk National University	Korea	90	Batangas State University	Philippines
66	King Mongkut's Institute of Technology Ladkrabang	Thailand	91	Luther University	Korea
67	Dalian Neusoft University of Information	China	92	Beijing Technology and Business University	China
68	Griffith University	Australia	93	Northern Kentucky University	USA
69	Centrum PUCP Business School	Peru	94	Hong Kong University of Science and Technology	Hong Kong SAR
70	University of Lincoln	United Kingdom	95	ICFAI University Jharkhand	India
71	Rensselaer Polytechnic Institute (RPI)	USA	96	Leyte Normal University	Philippines
72	National University of Management	Cambodia	97	University of Illinois at Urbana-Champaign	USA
73	Chungwoon University	Korea	98	Cebu Normal University	Philippines
74	Lac Hong University	Vietnam	99	University of Wollongong	Australia
75	University of Liberal Arts Bangladesh	Bangladesh	100	University of Aveiro	Portugal

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The New Ranking: Importance and Methodology

The Rankings of Innovative Universities



Implications and Conclusion

Diversification of Innovative Areas

Example: Crisis Management Category

In 2022, 45 programs among Top 50 were related to COVID-19

In 2023, only 27 programs among Top 50 are related to COVID-19

- Key themes of programs ranged in diverse ways:
 - COVID-19
 - Sustainable environmental issue
 - Supporting mental health
 - Natural disasters caused by geographic characteristics

Incorporating new issues within each category adds significant value.

Conclusion

The New Normal

- The Pandemic and Beyond
- The 4th Industrial Revolution and ChatGPT

Dynamic Innovation through Cross-Learning

- Share your experiences with others
- Learn from others' experiences

Questions and/or comments

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Appendix

Why Do We Need A New Ranking System?

$$Y_j = f(X_i)$$

A university with innovative impacts should be...

1. Not a single objective,
but **flexible** visions and objectives
2. Not the result of performance,
but the **causes** and methods of the result
3. Not the sense of achievement,
but the means of continuous **learning**

$$Y_1 \square Y_j$$

$$Y_j \square X_i$$

$$X_t \square X_{t+1}$$

How to Innovate?

Traditional Approach

“What” Approach

- Superior resources
 - *Teaching*
 - *Research*

Traditional System

New Approach

“How” Approach

- Similar resources
 - *Similar teaching resources, but HOW?*
 - *Similar research resources, but HOW?*

WURI System

The *HOW* approach is particularly important for those institutions that do not have superior resources.

A New Ranking System: Impacts on the Real World

- **Industrial applications**

- ⇔ rather than counting research papers and lecture-type teaching

- **Entrepreneurial spirit**

- ⇔ rather than increasing the number of jobs filled

- **Ethical value**

- ⇔ rather than building knowledge and skills just for material success

- **Student mobility and openness**

- ⇔ rather than being independent yet closed

- **Crisis management**

- ⇔ going beyond mere survival: embracing growth and thriving

- **Progress in the era of the Fourth Industrial Revolution**

- ⇔ Artificial Intelligence, Big Data, Cloud Services, and Digital Technology