

## QS World University Rankings by Faculty Area: Engineering & Technology

### I. ELECTRICAL & ELECTRONIC

2023	Institution	Location	Score
1	Massachusetts Institute of Technology (MIT)	United States	97,5
2	Stanford University	United States	94,4
3	University of California, Berkeley (UCB)	United States	91,4
4	ETH Zurich - Swiss Federal Institute of Technology	Switzerland	90,7
5	University of Cambridge	United Kingdom	90,2
6	EPFL	Switzerland	89,9
7	Harvard University	United States	89,5
8	University of Oxford	United Kingdom	89,1
9	Nanyang Technological University, Singapore (NTU)	Singapore	88,7
10=	Imperial College London	United Kingdom	88,5
10=	National University of Singapore (NUS)	Singapore	88,5
12	California Institute of Technology (Caltech)	United States	86,4
13	Georgia Institute of Technology	United States	86,2
14	Tsinghua University	China (Mainland)	85,8
15	Delft University of Technology	Netherlands	85,7
16	University of California, Los Angeles (UCLA)	United States	84,9
17	Carnegie Mellon University	United States	83,4
18=	Politecnico di Milano	Italy	83,3
18=	Technical University of Munich	Germany	83,3
18=	University of Toronto	Canada	83,3
21	Princeton University	United States	82,8
22	University of Illinois at Urbana-Champaign	United States	82,5
23=	KAIST - Korea Advanced Institute of Science & Technology	South Korea	82,2
23=	KTH Royal Institute of Technology	Sweden	82,2
25	University of Texas at Austin	United States	81,7
26	University of Michigan-Ann Arbor	United States	81,5
27	Université Paris-Saclay	France	80,9
28	Seoul National University	South Korea	80,4
29=	University of California, San Diego (UCSD)	United States	79,9
29=	University of Waterloo	Canada	79,9
31	The University of Manchester	United Kingdom	79,7
32=	Shanghai Jiao Tong University	China (Mainland)	79,6
32=	The University of Tokyo	Japan	79,6
34	Purdue University	United States	79,2
35	Cornell University	United States	79,1
36=	The Hong Kong University of Science and Technology	Hong Kong SAR	78,7
36=	University of British Columbia	Canada	78,7
38=	Peking University	China (Mainland)	78,5
38=	Politecnico di Torino	Italy	78,5
40	KU Leuven	Belgium	78,4

	Institution	Location	Score
41	The University of New South Wales (UNSW Sydney)	Australia	78,3
42	Technische Universität Berlin (TU Berlin)	Germany	77,5
43	UCL	United Kingdom	77,2
44	Eindhoven University of Technology	Netherlands	77
45=	Columbia University	United States	76,8
45=	Institut Polytechnique de Paris	France	76,8
45=	RWTH Aachen University	Germany	76,8
45=	The University of Melbourne	Australia	76,8
49	Indian Institute of Technology Delhi (IITD)	India	76,7
50	Aalborg University	Denmark	76,4
51=	Tokyo Institute of Technology (Tokyo Tech)	Japan	76,3
51=	Zhejiang University	China (Mainland)	76,3
53	Technical University of Denmark	Denmark	76,2
54	Indian Institute of Technology Bombay (IITB)	India	75,9
55	The University of Edinburgh	United Kingdom	75,7
56	McGill University	Canada	75,6
57	KIT, Karlsruhe Institute of Technology	Germany	75,5
58=	The Australian National University	Australia	75,4
58=	Universitat Politècnica de Catalunya-BarcelonaTech (UPC)	Spain	75,4
60	King Fahd University of Petroleum & Minerals	Saudi Arabia	75,3
61=	Chalmers University of Technology	Sweden	75,1
61=	Universiti Malaya (UM)	Malaysia	75,1
63	University of Washington	United States	75
64=	National Taiwan University (NTU)	Taiwan	74,8
64=	The University of Sydney	Australia	74,8
66	Texas A&M University	United States	74,6
67	Pohang University of Science And Technology (POSTECH)	South Korea	74,3
68	Korea University	South Korea	74,2
69	The University of Hong Kong	Hong Kong SAR	74
70	Yale University	United States	73,9
71	Yonsei University	South Korea	73,8
72=	King Abdulaziz University (KAU)	Saudi Arabia	73,5
72=	University of Southampton	United Kingdom	73,5
74=	Indian Institute of Technology Kharagpur (IIT-KGP)	India	73,2
74=	King Abdullah University of Science & Technology (KAUST)	Saudi Arabia	73,2
76	University of California, Santa Barbara (UCSB)	United States	73,1
77	Monash University	Australia	72,9
78	Universidad Politécnica de Madrid (UPM)	Spain	72,8
79	Universiti Teknologi Malaysia	Malaysia	72,5
80=	Indian Institute of Technology Madras (IITM)	India	72,4
80=	Universidade de São Paulo	Brazil	72,4
82	Sorbonne University	France	72,3

	Institution	Location	Score
83=	Huazhong University of Science and Technology	China (Mainland)	72,1
83=	New York University (NYU)	United States	72,1
83=	University of Wisconsin-Madison	United States	72,1
86	University of Southern California	United States	72
87	Indian Institute of Technology Kanpur (IITK)	India	71,7
88=	Lund University	Sweden	71,6
88=	Université PSL	France	71,6
90=	Grenoble INP, Grenoble Institute of Technology	France	71,4
90=	Kyoto University	Japan	71,4
90=	Université de Montréal	Canada	71,4
90=	Virginia Polytechnic Institute and State University	United States	71,4
94	University of Technology Sydney	Australia	71,3
95=	King's College London	United Kingdom	71,2
95=	Universidade Estadual de Campinas (Unicamp)	Brazil	71,2
97=	Technische Universität Dresden	Germany	71,1
97=	University of Nottingham	United Kingdom	71,1
99=	Harbin Institute of Technology	China (Mainland)	71
99=	Khalifa University of Science and Technology	United Arab Emirates	71
101	University of Pennsylvania	United States	70,9
102	Fudan University	China (Mainland)	70,8
103	Hanyang University	South Korea	70,7
104=	Aalto University	Finland	70,6
104=	Sapienza University of Rome	Italy	70,6
106=	Alma Mater Studiorum - University of Bologna	Italy	70,5
106=	National Tsing Hua University	Taiwan	70,5
106=	Xi'an Jiaotong University	China (Mainland)	70,5
109	Pennsylvania State University	United States	70,4
110=	Johns Hopkins University	United States	70,3
110=	Norwegian University of Science And Technology	Norway	70,3
110=	The Chinese University of Hong Kong (CUHK)	Hong Kong SAR	70,3
113	University of Science and Technology of China	China (Mainland)	70,1
114	Sungkyunkwan University(SKKU)	South Korea	70
115=	Arizona State University	United States	69,7
115=	The University of Queensland	Australia	69,7
115=	Universidad Nacional Autónoma de México (UNAM)	Mexico	69,7
118=	Northwestern University	United States	69,5
118=	The Hong Kong Polytechnic University	Hong Kong SAR	69,5
120=	Tecnológico de Monterrey	Mexico	69,4
120=	University of Alberta	Canada	69,4
122=	National Taipei University of Technology	Taiwan	69,2
122=	The Ohio State University	United States	69,2
122=	Tohoku University	Japan	69,2
125	National Technical University of Athens	Greece	69,1
126=	City University of Hong Kong	Hong Kong SAR	69
126=	Università di Padova	Italy	69
128	The University of Sheffield	United Kingdom	68,9

	Institution	Location	Score
129	Beijing Institute of Technology	China (Mainland)	68,8
130=	Indian Institute of Science	India	68,7
130=	University of Maryland, College Park	United States	68,7
130=	University of Strathclyde	United Kingdom	68,7
133=	Middle East Technical University	Turkey	68,6
133=	RMIT University	Australia	68,6
133=	The University of Auckland	New Zealand	68,6
136	University of Twente	Netherlands	68,4
137=	King Saud University	Saudi Arabia	68,3
137=	Nanjing University	China (Mainland)	68,3
139	Duke University	United States	68,2
140=	National Cheng Kung University (NCKU)	Taiwan	68
140=	National University of Sciences And Technology (NUST) Islamabad	Pakistan	68
140=	Université Grenoble Alpes	France	68
143	Michigan State University	United States	67,9
144=	Istanbul Technical University	Turkey	67,8
144=	Trinity College Dublin, The University of Dublin	Ireland	67,8
146	University of Glasgow	United Kingdom	67,7
147	Technische Universität Wien	Austria	67,6
148=	Universidade Federal do Rio de Janeiro	Brazil	67,5
148=	University of Bristol	United Kingdom	67,5
150	The University of Warwick	United Kingdom	67,3
151-200	Aristotle University of Thessaloniki	Greece	
151-200	Beihang University (former BUAA)	China (Mainland)	
151-200	Boston University	United States	
151-200	Cairo University	Egypt	
151-200	Friedrich-Alexander-Universität Erlangen-Nürnberg	Germany	
151-200	IMT Atlantique	France	
151-200	Indian Institute of Technology Roorkee (IITR)	India	
151-200	ITMO University	Russia	
151-200	Linköping University	Sweden	
151-200	McMaster University	Canada	
151-200	National Yang Ming Chiao Tung University	Taiwan	
151-200	Newcastle University	United Kingdom	
151-200	North Carolina State University	United States	
151-200	Osaka University	Japan	
151-200	Pontificia Universidad Católica de Chile (UC)	Chile	
151-200	Queen Mary University of London	United Kingdom	
151-200	Queen's University Belfast	United Kingdom	
151-200	Queensland University of Technology (QUT)	Australia	
151-200	Rice University	United States	
151-200	Sharif University of Technology	Iran, Islamic Republic	
151-200	Southeast University	China (Mainland)	
151-200	Technical University of Darmstadt	Germany	
151-200	The University of Adelaide	Australia	

	Institution	Location	Score
151-200	Universidad Carlos III de Madrid (UC3M)	Spain	
151-200	Universidad Nacional de Colombia	Colombia	
151-200	Universitat Autònoma de Barcelona	Spain	
151-200	Universitat de Barcelona	Spain	
151-200	Universitat Politècnica de València	Spain	
151-200	Universität Stuttgart	Germany	
151-200	Université catholique de Louvain (UCLouvain)	Belgium	
151-200	Universiti Kebangsaan Malaysia (UKM)	Malaysia	
151-200	Universiti Putra Malaysia (UPM)	Malaysia	
151-200	Universiti Sains Malaysia (USM)	Malaysia	
151-200	Universiti Teknologi PETRONAS (UTP)	Malaysia	
151-200	University College Dublin	Ireland	
151-200	University of Birmingham	United Kingdom	
151-200	University of Calgary	Canada	
151-200	University of California, Davis	United States	
151-200	University of California, Irvine	United States	
151-200	University of Leeds	United Kingdom	
151-200	University of Lisbon	Portugal	
151-200	University of Minnesota Twin Cities	United States	
151-200	University of Ottawa	Canada	
151-200	University of Pisa	Italy	
151-200	University of Porto	Portugal	
151-200	University of Surrey	United Kingdom	
151-200	University of Tehran	Iran, Islamic Republic of	
151-200	University of Wollongong	Australia	
151-200	Uppsala University	Sweden	
151-200	Warsaw University of Technology	Poland	
201-250	Ain Shams University	Egypt	
201-250	American University of Beirut (AUB)	Lebanon	
201-250	Amirkabir University of Technology	Iran, Islamic Republic of	
201-250	Bandung Institute of Technology (ITB)	Indonesia	
201-250	Bauman Moscow State Technical University	Russia	
201-250	Bilkent University	Turkey	
201-250	Cardiff University	United Kingdom	
201-250	Chulalongkorn University	Thailand	
201-250	COMSATS University Islamabad	Pakistan	
201-250	Concordia University	Canada	
201-250	Curtin University	Australia	
201-250	Czech Technical University in Prague	Czech Republic	
201-250	Ghent University	Belgium	
201-250	Gwangju Institute of Science and Technology (GIST)	South Korea	
201-250	Heriot-Watt University	United Kingdom	
201-250	Indian Institute of Technology Guwahati (IITG)	India	



2023	Institution	Location	Score
201-250	Institut National des Sciences Appliquées de Lyon (INSA)	France	
201-250	Instituto Politécnico Nacional (IPN)	Mexico	
201-250	Kyushu University	Japan	
201-250	Lancaster University	United Kingdom	
201-250	Loughborough University	United Kingdom	
201-250	Macquarie University	Australia	
201-250	Moscow Institute of Physics and Technology (MIPT / Moscow Phystech)	Russia	
201-250	Nagoya University	Japan	
201-250	National Research Tomsk Polytechnic University	Russia	
201-250	National Taiwan University of Science and Technology (Taiwan Tech)	Taiwan	
201-250	Northeastern University	United States	
201-250	Qatar University	Qatar	
201-250	Queen's University at Kingston	Canada	
201-250	Tampere University	Finland	
201-250	Technion - Israel Institute of Technology	Israel	
201-250	The University of Arizona	United States	
201-250	The University of Newcastle, Australia (UON)	Australia	
201-250	The University of Western Australia	Australia	
201-250	UNESP	Brazil	
201-250	United Arab Emirates University	United Arab Emirates	
201-250	Universidad de Chile	Chile	
201-250	Universidad de Sevilla	Spain	
201-250	Universidade Federal de Minas Gerais	Brazil	
201-250	University of Bath	United Kingdom	
201-250	University of Colorado Boulder	United States	
201-250	University of Electronic Science and Technology of China	China (Mainland)	
201-250	University of Florida	United States	
201-250	University of Illinois at Chicago (UIC)	United States	
201-250	University of Liverpool	United Kingdom	
201-250	University of Massachusetts Amherst	United States	
201-250	University of Naples - Federico II	Italy	
201-250	University of Oulu	Finland	
201-250	Vellore Institute of Technology (VIT)	India	
201-250	Waseda University	Japan	
201-250	Wuhan University	China (Mainland)	

## II. MECHANICAL, AERONAUTICAL & MANUFACTURING

2023	Institution	Location	Score
1	Massachusetts Institute of Technology (MIT)	United States	97,7
2	Stanford University	United States	94,6
3	Delft University of Technology	Netherlands	93,4
4	University of Cambridge	United Kingdom	93,1

	Institution	Location	Score
5	ETH Zurich - Swiss Federal Institute of Technology	Switzerland	91,1
6	University of California, Berkeley (UCB)	United States	90,3
7	Politecnico di Milano	Italy	90
8	Imperial College London	United Kingdom	89,4
9	University of Oxford	United Kingdom	89,3
10	National University of Singapore (NUS)	Singapore	89,1
11	Nanyang Technological University, Singapore (NTU)	Singapore	88,5
12	University of Michigan-Ann Arbor	United States	88,4
13	Harvard University	United States	87,8
14	Georgia Institute of Technology	United States	87,7
15	Purdue University	United States	87,5
16	EPFL	Switzerland	87,4
17=	California Institute of Technology (Caltech)	United States	86,9
17=	Tsinghua University	China (Mainland)	86,9
19	RWTH Aachen University	Germany	84,6
20	Technical University of Munich	Germany	83,7
21=	The University of Manchester	United Kingdom	83,4
21=	The University of Tokyo	Japan	83,4
23	KTH Royal Institute of Technology	Sweden	83,3
24	KAIST - Korea Advanced Institute of Science & Technology	South Korea	82,9
25	Shanghai Jiao Tong University	China (Mainland)	82,7
26=	Politecnico di Torino	Italy	81,8
26=	Seoul National University	South Korea	81,8
28	Cranfield University	United Kingdom	81
29	KU Leuven	Belgium	80,9
30=	Texas A&M University	United States	80,8
30=	University of Illinois at Urbana-Champaign	United States	80,8
32	Pennsylvania State University	United States	80,7
33	University of Texas at Austin	United States	80,5
34	Peking University	China (Mainland)	80,4
35=	KIT, Karlsruhe Institute of Technology	Germany	80,2
35=	University of California, Los Angeles (UCLA)	United States	80,2
37	Technical University of Denmark	Denmark	80,1
38	University of Toronto	Canada	80
39=	Eindhoven University of Technology	Netherlands	79,9
39=	Technische Universität Berlin (TU Berlin)	Germany	79,9
41	Princeton University	United States	79,4
42	McGill University	Canada	78,5
43	Universität Stuttgart	Germany	78,2
44	Northwestern University	United States	78
45	Institut Polytechnique de Paris	France	77,9
46	Pohang University of Science And Technology (POSTECH)	South Korea	77,6

	Institution	Location	Score
47	The Hong Kong University of Science and Technology	Hong Kong SAR	77,2
48	University of Bristol	United Kingdom	76,9
49=	The University of New South Wales (UNSW Sydney)	Australia	76,8
49=	Zhejiang University	China (Mainland)	76,8
51	University of Southampton	United Kingdom	76,7
52=	Cornell University	United States	76,5
52=	Xi'an Jiaotong University	China (Mainland)	76,5
54=	The University of Sheffield	United Kingdom	76,4
54=	University of Nottingham	United Kingdom	76,4
56	University of Waterloo	Canada	76,3
57=	Chalmers University of Technology	Sweden	76,2
57=	King Fahd University of Petroleum & Minerals	Saudi Arabia	76,2
59=	Monash University	Australia	75,9
59=	The University of Melbourne	Australia	75,9
59=	Université PSL	France	75,9
62=	Indian Institute of Technology Madras (IITM)	India	75,8
62=	Loughborough University	United Kingdom	75,8
62=	Norwegian University of Science And Technology	Norway	75,8
62=	The Ohio State University	United States	75,8
62=	University of British Columbia	Canada	75,8
67	Sapienza University of Rome	Italy	75,7
68=	Indian Institute of Technology Bombay (IITB)	India	75,6
68=	Tokyo Institute of Technology (Tokyo Tech)	Japan	75,6
70=	Indian Institute of Technology Delhi (IITD)	India	75,5
70=	Korea University	South Korea	75,5
72=	Carnegie Mellon University	United States	75,3
72=	University of Twente	Netherlands	75,3
74	University of California, San Diego (UCSD)	United States	75,2
75	Universidad Politécnica de Madrid (UPM)	Spain	75,1
76=	Harbin Institute of Technology	China (Mainland)	74,9
76=	Universidade de São Paulo	Brazil	74,9
78	Yonsei University	South Korea	74,7
79	Lomonosov Moscow State University	Russia	74,6
80	The University of Hong Kong	Hong Kong SAR	74,5
81=	Tohoku University	Japan	74,4
81=	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)	Spain	74,4
83	Huazhong University of Science and Technology	China (Mainland)	74,3
84=	The University of Sydney	Australia	74,1
84=	Virginia Polytechnic Institute and State University	United States	74,1
86	Technische Universität Dresden	Germany	74
87	École Centrale de Nantes	France	73,8
88	Kyoto University	Japan	73,7
89	Technical University of Darmstadt	Germany	73,6
90	Michigan State University	United States	73,5



	Institution	Location	Score
91=	National Taiwan University (NTU)	Taiwan	73,4
91=	University of Pennsylvania	United States	73,4
93	King Abdullah University of Science & Technology (KAUST)	Saudi Arabia	73,3
94=	Johns Hopkins University	United States	73,2
94=	Yale University	United States	73,2
96=	Beihang University (former BUAA)	China (Mainland)	73
96=	Swansea University	United Kingdom	73
98	Beijing Institute of Technology	China (Mainland)	72,9
99=	Hanyang University	South Korea	72,8
99=	Sungkyunkwan University (SKKU)	South Korea	72,8
101=	Arts et Métiers, ParisTech	France	72,7
101=	Indian Institute of Science	India	72,7
101=	UCL	United Kingdom	72,7
104=	Tecnológico de Monterrey	Mexico	72,6
104=	University of Birmingham	United Kingdom	72,6
106=	Indian Institute of Technology Kharagpur (IIT-KGP)	India	72,5
106=	Sorbonne University	France	72,5
106=	University of Maryland, College Park	United States	72,5
109	University of Leeds	United Kingdom	72,4
110=	University of Science and Technology of China	China (Mainland)	72,2
110=	University of Wisconsin-Madison	United States	72,2
112	King Abdulaziz University (KAU)	Saudi Arabia	72
113=	Fudan University	China (Mainland)	71,7
113=	The University of Queensland	Australia	71,7
115	Université de Montréal	Canada	71,6
116	Columbia University	United States	71,5
117=	Institut National des Sciences Appliquées de Lyon (INSA)	France	71,4
117=	Lund University	Sweden	71,4
117=	Technische Universität Wien	Austria	71,4
120	The Hong Kong Polytechnic University	Hong Kong SAR	71,3
121=	Indian Institute of Technology Kanpur (IITK)	India	71,2
121=	University of Bath	United Kingdom	71,2
123	National Taipei University of Technology	Taiwan	71,1
124=	Alma Mater Studiorum - University of Bologna	Italy	71
124=	RMIT University	Australia	71
126	The University of Auckland	New Zealand	70,8
127	Università di Padova	Italy	70,7
128=	Duke University	United States	70,5
128=	Universiti Malaya (UM)	Malaysia	70,5
130=	The Australian National University	Australia	70,4
130=	The University of Warwick	United Kingdom	70,4
130=	University of Washington	United States	70,4
133	National Tsing Hua University	Taiwan	70,3
134=	Bauman Moscow State Technical University	Russia	70,2

	Institution	Location	Score
134=	Istanbul Technical University	Turkey	70,2
136	University of Strathclyde	United Kingdom	70,1
137=	National Technical University of Athens	Greece	69,8
137=	Universiti Teknologi Malaysia	Malaysia	69,8
137=	University of Lisbon	Portugal	69,8
140	University of California, Santa Barbara (UCSB)	United States	69,7
141=	Grenoble INP, Grenoble Institute of Technology	France	69,6
141=	Middle East Technical University	Turkey	69,6
141=	Universidade Estadual de Campinas (Unicamp)	Brazil	69,6
144	City University of Hong Kong	Hong Kong SAR	69,4
145	King Saud University	Saudi Arabia	69,3
146	Trinity College Dublin, The University of Dublin	Ireland	69,1
147=	University of Glasgow	United Kingdom	69
147=	University of Naples - Federico II	Italy	69
149=	Ecole Centrale de Lyon	France	68,9
149=	University of Minnesota Twin Cities	United States	68,9
151-200	Aalborg University	Denmark	
151-200	Aalto University	Finland	
151-200	Aristotle University of Thessaloniki	Greece	
151-200	Arizona State University	United States	
151-200	Brown University	United States	
151-200	Brunel University London	United Kingdom	
151-200	Budapest University of Technology and Economics	Hungary	
151-200	Cairo University	Egypt	
151-200	Cardiff University	United Kingdom	
151-200	Friedrich-Alexander-Universität Erlangen-Nürnberg	Germany	
151-200	Ghent University	Belgium	
151-200	Indian Institute of Technology Roorkee (IITR)	India	
151-200	Institut Supérieur de l'Aéronautique et de l'Espace (ISAE)	France	
151-200	Iowa State University	United States	
151-200	Khalifa University of Science and Technology	United Arab Emirates	
151-200	Kyushu University	Japan	
151-200	Leibniz University Hannover	Germany	
151-200	McMaster University	Canada	
151-200	Moscow Institute of Physics and Technology (MIPT / Moscow Phystech)	Russia	
151-200	Nagoya University	Japan	
151-200	Nanjing University of Aeronautics and Astronautics	China (Mainland)	
151-200	National Cheng Kung University (NCKU)	Taiwan	
151-200	Newcastle University	United Kingdom	
151-200	North Carolina State University	United States	
151-200	Osaka University	Japan	

	Institution	Location	Score
151-200	Peter the Great St. Petersburg Polytechnic University	Russia	
151-200	Queensland University of Technology (QUT)	Australia	
151-200	Rice University	United States	
151-200	Sharif University of Technology	Iran, Islamic Republic of	
151-200	Technion - Israel Institute of Technology	Israel	
151-200	Technische Universität Braunschweig	Germany	
151-200	The Chinese University of Hong Kong (CUHK)	Hong Kong SAR	
151-200	The National University of Science and Technology MISIS	Russia	
151-200	The University of Adelaide	Australia	
151-200	The University of Edinburgh	United Kingdom	
151-200	Universidad Nacional Autónoma de México (UNAM)	Mexico	
151-200	Universidade Federal do Rio de Janeiro	Brazil	
151-200	Universitat Politècnica de València	Spain	
151-200	University College Dublin	Ireland	
151-200	University of Alberta	Canada	
151-200	University of California, Davis	United States	
151-200	University of Colorado Boulder	United States	
151-200	University of Florida	United States	
151-200	University of Liverpool	United Kingdom	
151-200	University of Porto	Portugal	
151-200	University of Southern California	United States	
151-200	University of Technology Sydney	Australia	
151-200	University of Tehran	Iran, Islamic Republic of	
151-200	University of Wollongong	Australia	
151-200	Warsaw University of Technology	Poland	