

## **The Power of International Collaboration - Manipal University Jaipur Spearheading Comparative Approaches for Tackling the SDGs**

In the pursuit of achieving Sustainable Development Goals (SDGs), the role of Manipal University Jaipur extends beyond national borders, fostering international collaborations and research initiatives aimed at reviewing comparative approaches and developing best practices. These endeavors transcend geographical constraints, leveraging the collective knowledge and experiences of diverse nations to address the multifaceted challenges posed by the SDGs.

International collaborations spearheaded by Manipal University Jaipur involve in-depth research initiatives that scrutinize the policies, interventions, and practices adopted globally to tackle the SDGs. Comparative studies examine the effectiveness of various approaches, shedding light on successful methodologies and highlighting areas for improvement. Through this comprehensive analysis, Manipal University Jaipur aids in identifying international best practices that can be adopted and adapted across different regions. These collaborative efforts promote the exchange of knowledge and experiences among diverse nations. Manipal University Jaipur serves as platforms for sharing success stories, lessons learned, and challenges faced in the pursuit of SDGs. Such interactions foster a dynamic environment for cross-pollination of ideas and solutions, leading to the evolution of innovative strategies that can be implemented on a global scale. The collective knowledge amassed through comparative analysis serves as the cornerstone for the development of international best practices. Manipal University Jaipur, by synthesizing successful approaches and innovative methodologies from various regions, contributes to the formulation of comprehensive strategies that transcend boundaries.

The diversity of approaches observed across nations provides fertile ground for novel ideas and adaptive practices. This continual process of innovation and adaptation is crucial in refining and evolving strategies to effectively tackle the ever-changing landscape of SDG-related challenges. The insights derived from comparative analysis and the development of international best practices have a substantial impact on the global pursuit of the SDGs. Policymakers, governments, NGOs, and international organizations benefit from this collective wisdom to shape their interventions and policies. The shared knowledge generated by Manipal University Jaipur facilitates evidence-based decision-making and the implementation of strategies that have proven effective in different contexts.



## Research Collaborations

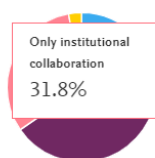
Manipal University Jaipur has the unique opportunity to engage with health institutions to directly impact the well-being of its surrounding communities. These collaborations take various forms, from joint research projects to community outreach initiatives.

- **International, national collaboration by Manipal University Jaipur (Source- SciVal)**

### Overall

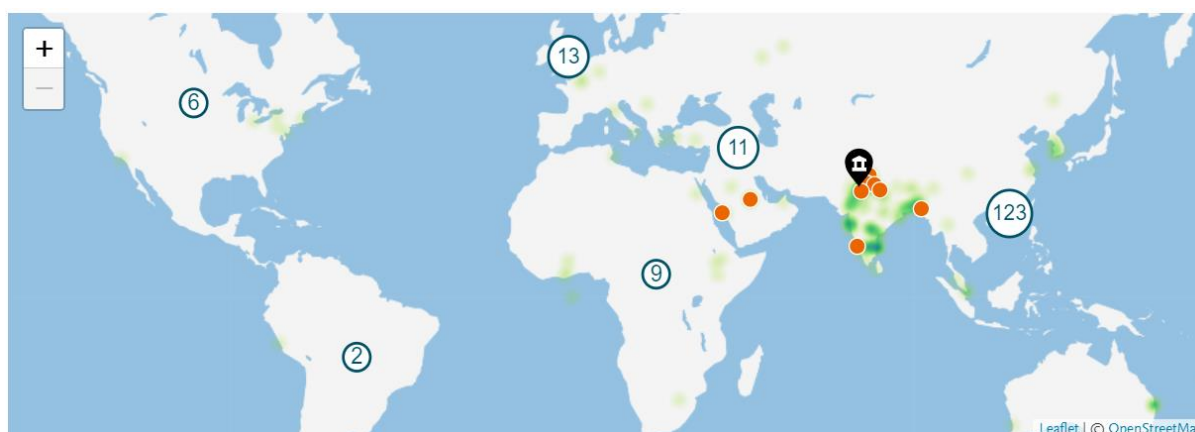
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International, national and institutional collaboration by Manipal University Jaipur in the selected year range.



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	27.5%	58	535	9.2	1.93
Only national collaboration	37.9%	80	767	9.6	1.20
Only institutional collaboration	31.8%	67	201	3.0	0.76
Single authorship (no collaboration)	2.8%	6	1	0.2	0.15

- **Collaboration spread over the world (Source- SciVal)**





- Number of Collaborations country wise along with publication count (Source-SciVal)

Sr. No	Row Labels	Count of Institution ID
1	Australia	9
2	Bangladesh	5
3	Bhutan	1
4	Brazil	1
5	Chile	1
6	China	5
7	Czech Republic	1
8	Denmark	1
9	Egypt	2
10	Ethiopia	4
11	France	2
12	Germany	5
13	Ghana	3
14	Greece	1
15	India	137
16	Iraq	1
17	Italy	2
18	Malaysia	1
19	Myanmar	1
20	Nepal	1
21	North Macedonia	1
22	Norway	1
23	Pakistan	1
24	Peru	1
25	Philippines	1
26	Poland	1
27	Portugal	1
28	Russian Federation	7
29	Saudi Arabia	9
30	Serbia	1
31	Singapore	2
32	South Africa	3
33	South Korea	7
34	Spain	1
35	Sri Lanka	1
36	Thailand	1
37	Tunisia	1
38	Turkey	2
39	United Arab Emirates	1
40	United Kingdom	2
41	United States	13
<b>Grand Total</b>		<b>242</b>



Institution ID	Institution	Sector	Country/Region	Citations per Publication	Field-Weighted Citation Impact	Field-Weighted View Impact
207001	Aligarh Muslim University	Academic	India	6	2.52	0.16
700340	Amity University, Noida	Academic	India	0	0	0.65
705886	Christ University, Bangalore	Academic	India	6	2.26	3.51
209085	Gachon University	Academic	South Korea	22	2.52	0.73
706090	Guru Ghasidas University	Academic	India	6	2.52	0.16
207040	Jadavpur University	Academic	India	22	2.52	0.73
705563	Kalinga Institute of Industrial Technology	Academic	India	6	2.26	3.51
716275	Mewar University	Academic	India	6	2.52	0.16
720731	Noakhali Science and Technology University	Academic	Bangladesh	6	2.52	0.16
508172	Northeastern University	Academic	United States	25	2.59	1.39
705862	PEC University of Technology	Academic	India	25	2.59	1.39
706294	Pandit Deendayal Petroleum University	Academic	India	6	2.26	3.51
207056	Panjab University	Academic	India	25	2.59	1.39
209062	Sejong University	Academic	South Korea	22	2.52	0.73
700284	Universidad Católica de la Santísima Concepción	Academic	Chile	6	2.26	3.51
201006	Curtin University	Academic	Australia	4	1.26	1.11
708333	Institute of Chemical Technology	Academic	India	4	1.26	1.11
704864	Malaviya National Institute of Technology	Academic	India	1.8	0.16	0.71
723925	Invertis University	Academic	India	4.3	0.35	0.67
713997	Dr. A.P.J. Abdul Kalam Technical University	Academic	India	0	0	0.6
716849	Sharda University	Academic	India	1.7	0.32	0.32
207082	University of Rajasthan	Academic	India	4	0.35	0.66
708172	Chhatrapati Shahu Ji Maharaj Kanpur University	Academic	India	0.8	0.54	0.58



207108	Indian Council of Medical Research	Government	India	2.6	0.18	0.68
409005	King Saud University	Academic	Saudi Arabia	12.4	1.43	1.54
714306	Rajasthan Technical University	Academic	India	6.4	1.02	1.24
715249	Chandigarh University	Academic	India	60.8	4.98	2.12
720079	SMS Medical College	Medical	India	4.5	0.44	0.51
207002	All India Institute of Medical Sciences, New Delhi	Government	India	5.7	0.45	0.62
700640	Amrita Vishwa Vidyapeetham	Academic	India	3.3	0.61	0.64
715491	BML Munjal University	Academic	India	9	1.09	0.37
704865	Banasthali University	Academic	India	2	0.27	0.41
706541	Central University of Rajasthan	Academic	India	6.3	0.46	0.64
716261	GLA University	Academic	India	5	0.48	0.47
704871	Guru Gobind Singh Indraprastha University	Academic	India	71.7	12.9	1.15
710158	Maharana Pratap University of Agriculture & Technology	Academic	India	4	0.39	0.95
703262	Manipal Academy of Higher Education	Academic	India	3.7	0.98	1.93
704896	National Institute of Technology Hamirpur	Academic	India	140.3	19.16	1.15
706824	National Institute of Technology Meghalaya	Academic	India	1.3	0.63	0.52
215004	National University of Singapore	Academic	Singapore	21.3	2.62	2.34
719998	CSIR - Central Drug Research Institute	Government	India	4.5	0.51	0.65
508440	Cedars-Sinai Medical Center	Medical	United States	2	1.36	0.51
715239	Chitkara University	Academic	India	22.5	3.64	1.38
714078	ICAR - Directorate of Rapeseed & Mustard Research	Government	India	1.5	0.46	0.44
207024	ICAR - Indian Agricultural Research Institute	Government	India	10.5	1.28	0.71
710103	ICAR - Indian Institute of Soil Sciences, Bhopal	Government	India	4	0.41	0.99



710142	Indian Council of Agricultural Research	Government	India	4	0.41	0.99
207132	Mohan Lal Sukhadia University	Academic	India	3	0.4	0.49
721676	Presidency University	Academic	India	12.5	1.52	0.44
703228	Rajiv Gandhi Technical University	Academic	India	34	3.48	0.77
508199	Rowan University	Academic	United States	13.5	1.17	0.93
327023	Silesian University of Technology	Academic	Poland	118.5	9.55	3.47
708162	Tripura University	Academic	India	10.5	1.3	1.24
207073	University of Delhi	Academic	India	4.5	0.48	0.66
715476	University of Gour Banga	Academic	India	2.5	0.66	0.85
706806	University of Hail	Academic	Saudi Arabia	6.5	0.85	1.13
700840	University of Kelaniya	Academic	Sri Lanka	4.5	0.57	0.65
508314	University of Nebraska Medical Center	Academic	United States	7	0.45	0.88
710470	University of Petroleum and Energy Studies	Academic	India	13	3.81	0.66
714319	Vignan's Foundation for Science, Technology & Research	Academic	India	3.5	0.4	0.54
715180	Wollo University	Academic	Ethiopia	6.5	1.93	0.53
209076	Yeungnam University	Academic	South Korea	0.5	0.13	0.75
717210	Al-Mustaqbal University College	Academic	Iraq	0	0	0.63
714312	B.S. Abdur Rahman Crescent Institute of Science and Technology	Academic	India	2	0.07	0.34
704852	BRAC University	Academic	Bangladesh	3	1.59	0.72
207006	Banaras Hindu University	Academic	India	4	0.46	0.46
715893	Bennett University	Academic	India	57	8.82	1.01
207009	Bhabha Atomic Research Centre	Government	India	0	0	0.34
705529	Birla Institute of Technology, Mesra	Academic	India	4	0.46	0.46
714036	Bonch-Bruевич Saint Petersburg State University of Telecommunications	Academic	Russian Federation	2	0.53	6.8



207014	CCS Haryana Agricultural University	Academic	India	4	0.29	0.96
720001	CSIR - Central Electronics Engineering Research Institute	Government	India	0	0	1.34
308002	Charles University	Academic	Czech Republic	5	1.31	3.86
310002	Copenhagen Business School	Academic	Denmark	3	0.79	1.37
508048	Creighton University	Academic	United States	3	0.34	0.84
715468	DIT University	Academic	India	3	0.8	0.65
704660	Defence Research and Development Organisation India	Government	India	1	0.18	0.75
207094	Devi Ahilya University of Indore	Academic	India	0	0	0.13
410017	Dokuz Eylul University	Academic	Turkey	10	1.24	0.91
209017	Dongguk University	Academic	South Korea	1	0.26	1.37
716855	Federal Urdu University of Arts, Science and Technology	Academic	Pakistan	4	1.27	0.54
712785	Future University in Egypt	Academic	Egypt	7	0.89	0.98
207021	G.B. Pant University of Agriculture and Technology	Academic	India	20	2.25	0.87
209020	Gwangju Institute of Science and Technology	Academic	South Korea	7	2.47	3.44
700355	Higher Colleges of Technology	Academic	United Arab Emirates	10	1.24	0.91
713553	Homi Bhabha National Institute	Academic	India	0	0	0.34
710097	ICAR - Central Soil Salinity Research Institute, Karnal	Government	India	2	0.3	1.25
710105	ICAR - Indian Institute of Sugarcane Research, Lucknow	Government	India	2	0.3	1.25
712442	ICAR - Indian Institute of Wheat and Barley Research	Government	India	2	0.3	1.25
714105	ICAR - National Research Centre on Plant Biotechnology	Government	India	1	0.31	0.56
717131	Indian Institute of Information Technology, Allahabad	Academic	India	6	0.82	1.78



709835	Indian Institute of Science Education and Research, Kolkata	Academic	India	0	0	2.99
715355	Institute of Liver and Biliary Sciences	Medical	India	3	0.34	0.62
718220	Institute of Nano Science and Technology	Academic	India	6	0.81	1.27
708762	International Iberian Nanotechnology Laboratory	Government	Portugal	5	1.31	3.86
718028	International Islamic University Chittagong	Academic	Bangladesh	7	2.47	3.44
213003	International Rice Research Institute	Other	Philippines	3	0.34	0.62
720211	JSS Academy of Technical Education	Academic	India	8	2.31	0.66
207119	Jai Narain Vyas University, Jodhpur	Academic	India	18	1.65	2.55
704895	Jaypee University of Information Technology	Academic	India	8	2.31	0.66
209007	Jeonbuk National University	Academic	South Korea	1	0.26	1.37
706089	Jiwaji University	Academic	India	19	2.11	1.61
331035	Kazan National Research Technical University named after A.N. Tupolev	Academic	Russian Federation	2	0.53	6.8
409001	King Abdulaziz University	Academic	Saudi Arabia	6	0.59	1.15
708295	Koneru Lakshmaiah Education Foundation	Academic	India	3	0.79	1.37
201013	La Trobe University	Academic	Australia	0	0	2.99
207048	M.S. University of Baroda	Academic	India	22	1.81	0.63
720204	MIT World Peace University	Academic	India	7	2.47	3.44
207130	Mahatma Gandhi University, Kottayam	Academic	India	1	0.29	0.35
715839	Majmaah University	Academic	Saudi Arabia	7	0.89	0.98
704862	Motilal Nehru National Institute of Technology	Academic	India	12	1.07	0.96
705841	National Institute of Nutrition	Academic	India	3	0.34	0.62
706825	National Institute of Technology Uttarakhand	Academic	India	12	1.07	0.96
704851	National Institute of Technology, Durgapur	Academic	India	12	0.96	0.98
331008	National University of Science and Technology MISiS"	Academic	Russian Federation	5	1.31	3.86
326005	Norwegian University of Science and Technology	Academic	Norway	50	11.12	0.26





708453	O.P. Jindal Global University	Academic	India	6	0.59	1.15
508182	Old Dominion University	Academic	United States	0	0	0.71
331116	Peter the Great St. Petersburg Polytechnic University	Academic	Russian Federation	2	0.53	6.8
312042	Polytechnic University of Valencia	Academic	Spain	1	0.12	0.57
718671	Povolzhskiy State University of Telecommunications and Informatics	Academic	Russian Federation	2	0.53	6.8
705205	Prince Sattam Bin Abdulaziz University	Academic	Saudi Arabia	3	0.89	0.53
201067	Princess Alexandra Hospital Brisbane	Medical	Australia	5	0.4	0.77
703243	Princess Nourah Bint Abdulrahman University	Academic	Saudi Arabia	4	1.27	0.54
706816	Punjab Technical University	Academic	India	0	0	0.63
201071	Queensland Health	Government	Australia	5	0.4	0.77
201018	Queensland University of Technology	Academic	Australia	5	0.4	0.77
710168	Sam Higginbottom Institute of Agriculture, Technology & Sciences	Government	India	1	0.41	0.8
711700	Saveetha Institute of Medical and Technical Sciences (Deemed to be University)	Academic	India	0	0	0.63
710163	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu	Academic	India	2	0.62	0.33
705522	Shoolini University of Biotechnology and Management Sciences	Academic	India	6	0.81	1.27
718255	Shri Govindram Seksaria Institute of Technology and Science	Academic	India	8	2.31	0.66
203186	Sichuan University	Academic	China	6	0.59	1.15
714315	Sikkim Manipal University	Academic	India	0	0	0.06
724775	Singidunum University	Academic	Serbia	10	1.24	0.91
700881	St. Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO)	Academic	Russian Federation	2	0.53	6.8



704867	Swami Keshwanand Rajasthan Agricultural University	Academic	India	2	0.5	0.88
705442	Symbiosis International University	Academic	India	6	0.81	1.27
700954	Taif University	Academic	Saudi Arabia	26	7.62	1.1
207157	Tata Memorial Hospital	Medical	India	0	0	0.34
221002	Tribhuvan University	Academic	Nepal	4	0.53	1.02
725051	Ufa University of Science and Technology	Academic	Russian Federation	2	0.53	6.8
211013	Universiti Teknologi Petronas	Academic	Malaysia	6	0.82	1.78
720422	University for Information Science St. Paul the Apostle	Academic	North Macedonia	26	7.62	1.1
508252	University of Alabama	Academic	United States	3	0.34	0.84
508253	University of Alabama at Birmingham	Academic	United States	4	0.46	0.46
309066	University of Bonn	Academic	Germany	0	0	0.21
115004	University of Cape Town	Academic	South Africa	3	1.04	0.84
717967	University of Computer Studies, Yangon	Academic	Myanmar	2	0.45	0.13
704918	University of Kashmir	Academic	India	7	0.89	0.98
115006	University of KwaZulu-Natal	Academic	South Africa	2	0.53	6.8
207078	University of Madras	Academic	India	1	0.29	0.35
207080	University of Mysore	Academic	India	97	11.9	4.53
201027	University of New South Wales	Academic	Australia	11	0.37	0.96
203213	University of Science and Technology of China	Academic	China	2	0.53	6.8
113004	University of Sfax	Academic	Tunisia	10	1.24	0.91
508344	University of Texas at Arlington	Academic	United States	3	0.34	0.84
508353	University of Toledo	Academic	United States	11	0.56	0.91
703183	University of West Attica	Academic	Greece	10	1.24	0.91
508762	VA Medical Center	Medical	United States	0	0	0.4
713689	Visvesvaraya National Institute of Technology	Academic	India	60	4.65	0.88
700951	Al-Imam Muhammad Ibn Saud Islamic University	Academic	Saudi Arabia	5	0.66	1.4



708210	Babasaheb Bhimrao Ambedkar Bihar University	Academic	India	14	0.35	1.17
207016	CSIR - Indian Institute of Chemical Technology	Government	India	1	0.05	0.94
719991	CSIR - Institute of Genomics and Integrative Biology	Government	India	1	0.05	0.94
706839	Central University of Haryana	Academic	India	27	0.88	0.84
309013	German Cancer Research Center	Government	Germany	1	0.05	0.94
309019	Heinrich Heine University Düsseldorf	Academic	Germany	1	0.1	0.8
207034	Indian Institute of Technology Kharagpur	Academic	India	5	0.66	1.4
701374	Jamia Millia Islamia	Academic	India	5	0.66	1.4
207044	Jawaharlal Nehru University	Academic	India	27	0.88	0.84
708160	Maulana Abul Kalam Azad University of Technology	Academic	India	1	0.05	0.94
717753	Ministry of Health and Family Welfare	Government	India	1	0.05	0.94
207057	Pondicherry University	Academic	India	1	0.05	0.94
309048	RWTH Aachen University	Academic	Germany	1	0.1	0.8
201019	Royal Melbourne Institute of Technology University	Academic	Australia	41	0.86	1.07
602012	Universidade de Brasília	Academic	Brazil	41	0.86	1.07
309068	University of Cologne	Academic	Germany	1	0.1	0.8
201028	University of Newcastle	Academic	Australia	41	0.86	1.07
707275	Xi'an Jiaotong-Liverpool University	Academic	China	5	0.66	1.4
707339	Central University of Gujarat	Academic	India	0	0	0.22
207031	Indian Institute of Technology Delhi	Academic	India	6.5	1.51	4.59
718617	JECRC University	Academic	India	3	0.56	18.54
321043	University of Calabria	Academic	Italy	7	1.76	0.64
709589	Vardhaman College of Engineering	Academic	India	0	0	0.75
207170	Vellore Institute of Technology	Academic	India	0	0	0.7
720620	All India Institute of Medical Sciences, Raipur	Academic	India	0	0	0.78



718439	Bule Hora University	Academic	Ethiopia	2	0.53	1.08
209008	Chonnam National University	Academic	South Korea	15	3.12	1.62
717959	Galgotias University	Academic	India	2	0.53	1.08
207022	Guru Nanak Dev University	Academic	India	6	0.79	0.39
207028	Indian Institute of Science Bangalore	Academic	India	12	2.81	8.77
705842	Institute of Life Sciences	Academic	India	12	2.81	8.77
716210	K.R. Mangalam University	Academic	India	0	0	0.14
706107	Maulana Azad National Institute of Technology	Academic	India	0	0	0.41
315038	Medical Research Council	Government	United Kingdom	2	0.58	1.57
215003	Nanyang Technological University	Academic	Singapore	14	0.9	0.85
321003	National Research Council of Italy	Government	Italy	8	2.01	0.52
508186	Pennsylvania State University	Academic	United States	1	0.4	0.45
720171	Rajiv Gandhi Institute of Technology, Mumbai	Academic	India	0	0	0.41
713556	SVKM's NMIMS	Academic	India	0	0	0.32
716252	Suresh Gyan Vihar University	Academic	India	6	1.12	36.95
715706	Teerthanker Mahaveer University	Academic	India	1	1.74	0.54
207079	University of Mumbai	Academic	India	15	3.12	1.62
508335	University of Rochester	Academic	United States	6	1.51	0.75
315097	University of Southampton	Academic	United Kingdom	2	0.58	1.57
201034	University of Technology Sydney	Academic	Australia	1	1.44	0.46
207004	Anna University	Academic	India	14.5	4.6	4.98
719846	Gokaraju Rangaraju Institute of Engineering and Technology	Academic	India	7	2.8	1.41
207043	Jawaharlal Nehru Technological University	Academic	India	3.5	1.56	1.24
409004	King Khalid University	Academic	Saudi Arabia	16.5	4.15	0.58
707452	North South University	Academic	Bangladesh	23	4.79	1.04



715166	Ambo University	Academic	Ethiopia	1	0.45	1.77
719894	CMR College of Engineering & Technology	Academic	India	21	5.63	2.53
314004	CNRS	Government	France	8	1.03	0.94
216002	Chiang Mai University	Academic	Thailand	8	3.57	7.43
715169	Debre Berhan University	Academic	Ethiopia	8	3.57	7.43
705344	Indian Institute of Management Kozhikode	Academic	India	1	0.45	1.77
717850	Institute of Engineering and Management	Academic	India	2	0.89	1.59
720235	Islamic University, Kushtia	Academic	Bangladesh	7	3.13	0.62
704821	Jain University	Academic	India	6	2.68	0.71
704811	Kalasalingam University	Academic	India	7	3.13	0.71
106002	Kwame Nkrumah University of Science and Technology	Academic	Ghana	6	2.68	0.71
720220	Lakireddy Bali Reddy College of Engineering	Academic	India	6	2.68	0.71
717043	Lovely Professional University	Academic	India	7	3.13	0.62
203136	Nantong University	Academic	China	8	1.03	0.94
207139	National Institute of Technology Jamshedpur	Academic	India	2	0.89	0.62
701182	Pontificia Universidad Católica del Perú	Academic	Peru	8	3.57	7.43
702903	Royal University of Bhutan	Academic	Bhutan	7	3.13	2.92
703244	SRM Institute of Science and Technology	Academic	India	1	0.45	1.77
410048	Selcuk University	Academic	Turkey	10	4.47	1.77
716251	Shree Guru Gobind Singh Tricentenary University	Academic	India	1	0.36	1.53
104011	South Valley University	Academic	Egypt	27	5.63	0.45
702120	University for Development Studies Ghana	Academic	Ghana	1	0.45	1.77
715107	University of Mines and Technology	Academic	Ghana	10	4.47	1.77
207081	University of Pune	Academic	India	6	2.68	0.71
115011	University of the Witwatersrand	Academic	South Africa	7	3.13	2.92
314069	Université de technologie de Compiègne	Academic	France	8	1.03	0.94



MANIPAL UNIVERSITY  
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(University under Section 2(f) of the UGC Act)

719869	Institute of Engineering and Technology, Lucknow	Academic	India	25	3.46	1.46
203076	Harbin Institute of Technology	Academic	China	6	0.41	0.81
720289	NIMS University	Academic	India	2	0.3	2.17
207165	University of Jammu	Academic	India	8	0.64	0.41