

Table Q2-B2 Deconstructing India and the Indian Institute of Science

Realistically, most of your Institutions will not be in the top 25 in the world. However, it would be informative to see the metrics for your country and for selected Institutions in your country. It is easy to retrieve this data from the CWTS dataset.

Table Q2-B2 is an example using India and the Indian Institute of Science.

The default is fractional count and a minimum 100 publications. There are 36 ranked institutions

SCIENTIFIC FIELD by type of indicator				
	TOP in INDIA	Indian Institute of Science	TOP in INDIA	Indian Institute of Science RANK
SCIENTIFIC IMPACT	NUMBER OF PUBLICATIONS		PERCENT in TOP 10% in Category	
All Science	Indian Institute of Sci -255	1	Aligarth Muslim U - 756	18
Biomedical & Health Sci	All India Institute Med Sci 565	5	Annamala U- 1093	14
Life & Earth Sci	IIT Kharagpur -270	5	Guru Nanak Dev U -993	20
Maths & Computer Sci	IIT Kharagpur	3	Thapar Institute Eng & Tech-802	28
Physical Sci & Engineering	Indian Institute of Sci	1	Aligarth Muslim U	13
Social Sci & humanities	IIT Roorkee -432	8	IIT School of Mines-693	26
No Institution has 100 publications in 2015-2018				
COLLABORATION	NUMBER OF PUBLICATIONS		NUMBER OF INTERNATIONAL PUBLICATIONS	
All Sciences	Indian Institute of Science	1	Indian Institute of Sci	1
Biomedical & Health Sci	All India Institute Med Sci	6	All India Institute Med Sci	4
Life & Earth Sci	Banaras Hindu U-405	3	Indian Institute of Sci	1
Maths & Computer Sci	IIT Kharagpur	4	Indian Statistical Institute	3
Physical Sci & Engineering	Indian Institute Sci	1	Indian Institute Sci	1
Social Sci & humanities	Indian Statistical Institute -1123	8	Indian Statistical Institute	9
4 Institutes have 100 publications				

GENDER		NUMBER	FEMALE AUTHORED PUBLICATIONS	PERCENT FEMALE AUTHORSHIP	
All Sciences	All India Institute Med Sci	4	Univ Delhi	23	
Biomedical & Health Sci	All India Institute Med Sci	6	Institute of Chemical Tech 861	8	
Life & Earth Sci	Banaras Hindu U - 405	8	Univ Delhi	18	
Maths & Computer Sci	Anna U -558	10	Univ Delhi	24	
Physical Sci & Engineering	Univ Delhi - 485	3	Panjab U - 791	25	
Social Sci & humanities	Univ Delhi	10	Univ Delhi	11	
☞ No Institute had 100 female authored papers					
OPEN ACCESS		OPEN ACCESS PUBLICATIONS		PERCENT OPEN ACCESS	
All Sci/All OA	Indian Institute Sci	1	Indian Stat Ins	7	
OA- GOLD	Univ Delhi	2	All India Institute Med Sci	11	
OA- HYBRID	Indian Institute Sci	1	Panjab U	4	
OA- BRONZE	Indian Institute Sci	1	Postgrad Ins Med Ed & Res -684	5	
OA - GREEN	Indian Institute Sci	1	Indian Stat Institute	7	
NOTES: IIT - Indian Institute of Technology. Nine IITs are ranked in CWTS . Seven are in the Indian top 10. Five of the Indian top10 are first in some category (in Bold). The other top ten are IIT's Madras, Bombay, Delhi, Kanpur and Guwahati. Only two of the top ten are tops in the other rankings categories. Number indicates world rank for publications					
https://www.leidenranking.com/ranking/2020/list					