

**7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words**

Shoolini University of Biotechnology and Management Sciences is a distinctive place of innovation, research and would like to be amongst the top 200 global Universities by 2022. Shoolini University of Biotechnology and Management Sciences is a research-driven university and is being recognized for its focus on innovation and quality research. The one area distinctive to our vision, priority and thrust is Excellence in Citational Research. Our world-class faculty from ivy league institutions such as Oxford, University of California Berkley, Carnegie Mellon University, National Institute of Health, Washington DC, NIPER, NIH, IISC Bangalore, University of Konstance Germany, IIT Delhi, Louisiana State University, IIT Kanpur, IIM, Sichuan University China, ISB and many others have performed some exceptionally good research in the areas of Chemical, Physical, Nano, Pharma, engineering, bio and social sciences. As a result of that the research papers that are published till date have received exceptionally high citations, in tune of 12 per paper from the peers, which has positioned Shoolini University on top (No. 1 in India) of citational research in the QS Asia rankings 2021 recently published. Not only that Shoolini University has been ranked 14 in Asia in citational research in the QS 2021 Asia rankings. In addition to the citation per paper, Shoolini University is also on top in India in other quantifiable research parameters like Field Weighted Citation Impact, percentage of Papers in top 10% most cited worldwide, percentage of Papers in top 1% most cited worldwide and International collaborations (Table 1) and is rubbing shoulders with the world best (Table 2).

Table 1: Resarch Quality Indicators (Data source: Scival; Date exported: 06-05-2021)

Institution/s (Average)	Field-Weighted Citation Impact (FWCI)	Citations per Publication	% Publications in top 10% most cited worldwide	% Publications in top 1% most cited worldwide	% International Collaboration
Shoolini University* (Estb. 2009)	2.01	12.0	37.7	8.0	56.5
Top 10 Indian Universities (NIRF 2020)	1.06	5.1	11.9	1.1	21.7
Top 10 Overall (NIRF 2020)	1.12	5.9	14.2	1.1	24.3
Top 10 World Universities (THE)	2.17	12.8	26.7	4.6	51.3

Table 2: Research Quality Indicators (Data source: Scival; Date exported: 06-05-2021)

Institution	Research Output (SCOPUS Documents)	Field-Weighted Citation Impact	Citations per Publication	% Publications in top 10% most cited worldwide	% Publications in top 1% most cited worldwide	% International Collaboration
Shoolini University* (Estb. 2009)	1163	2.01	12.0	37.7	8.0	56.5
Top 10 World Universities (THE)	57214	2.17	12.8	26.7	4.6	51.3
University of Oxford	70057	2.26	11.4	24.7	3.9	61.4
California Institute of Technology	20405	2.07	14.1	29.8	4.6	53.5
University of Cambridge	56084	2.17	12.2	26.1	4.1	61.6
Stanford University	66730	2.36	14.1	27.2	5.4	42.9
Massachusetts Institute of Technology	45892	2.32	15.1	30.1	5.8	53.5
Princeton University	20740	2.09	12.6	26.4	4.4	48.7
Harvard University	146119	2.2	12.7	26.8	4.7	46.6
Yale University	44692	2	11.4	24.5	4.1	40.7
University of Chicago	39918	2.03	12.3	25.2	4.3	41.5
Imperial College London	61499	2.18	11.9	26.2	4.2	62.6

Shoolini University research credentials have also been recognized at other National and International platforms as well. Here are the glimpses of some of them

1. Shoolini University has been ranked #53 among all Indian Institutions in Research by NIRF 2020.
2. The h-index of Shoolini University is 72 which is second highest amongst the Institutions who are established in or after 2009.
3. Shoolini University has been ranked #18 among all Indian Institutions in Research by Nature Research Index 2020.
4. Shoolini University has been ranked #34 among all Indian Institutions in research by SCIMAGO rankings 2020.
5. Shoolini University has also filed 520+ patents in past 5 years and as a result of that we have been placed amongst top 3 highest patent filers in a report published by IP India 2020.
6. Shoolini University has also been bagged position in the band of 6-25 in Atal Innovation rankings.

In addition, Shoolini University faculty members have also been recognised at International level. Seven of our Faculty members were placed in top 2% list of global list of Scientists published by Stanford University. One of our faculty member has also been nominated as top 1% of highly cited researchers published by Clarivate analytics.