

Institutional collaborations at Goa University (2014-2018)

Collaboration for the research is common. Single authored papers are on decrease in almost all fields of knowledge. The complexity of the subject, the diversity of expertise required to understand the problem and find solutions tend to bring many individuals together. The distributed intelligence of a group that has come together increase efficiency in problem solving. The resources from different laboratories, organizations get pulled to arrive at better results. Finally, the studies have proved that papers published out of such institutional collaborations have a better chance of getting cited and therefore making an impact.

Goa University faculty published over 1350 items as journal and conference articles, book chapters, etc., between 2014-2018. Of these about 600 were noticed to have author participation from multiple institutions. A break-up of such collaborations per subject area is shown in Figure 1.

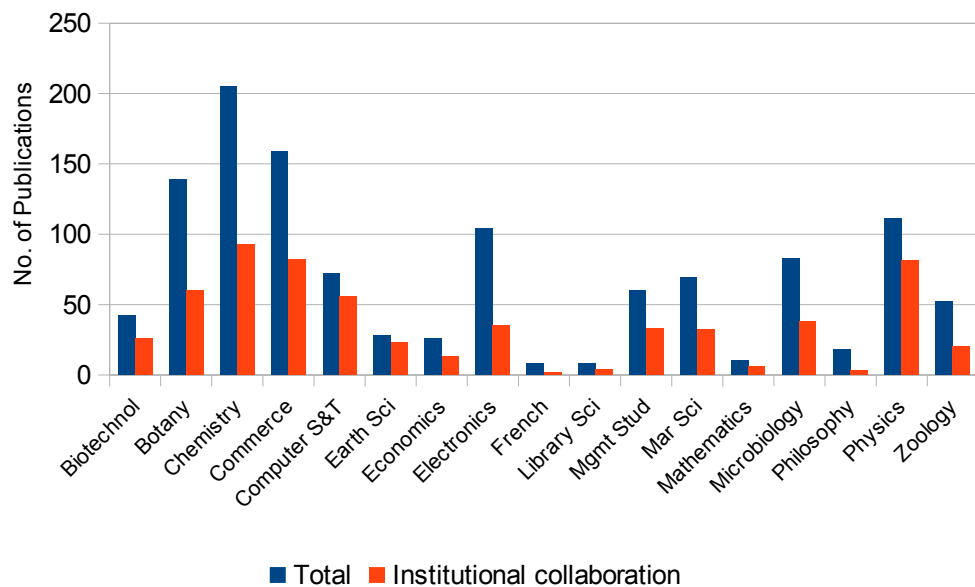


Figure 1: Papers from disciplines having institutional collaboration

On an average, most of the papers having multiple authors were in the range of 2-4 authors. A paper in the field of Zoology had the largest number of collaborators (42) from 15 institutions spread in India and USA. The collaborators are found to have spread in 464 unique organizations in 51 countries including India (Figure 2).



Figure 2: Countries from where the individuals had a research collaboration

The institutional collaborations were largely noticed in the areas dealing with the science and technology, though, the social science disciplines such as Commerce, Management Studies, Economics, Library & Information Science and Philosophy had their share. Authors from Linguistics and Literature in French too had a couple of items with institutional collaboration. The authors specializing in other languages such as English, Hindi, History, Konkani and Marathi as well as from other areas of knowledge in social sciences such as International Studies, Marathi, Political Science, Portuguese, Social Exclusion, Sociology and Women's Studies worked in isolation.

The collaborators partnered at least once. The highest number of organizations from where the collaborators joined hand with the faculty from Goa University, obviously, is from within India (297) followed by Germany, USA and China and then other countries (Figure 3).



Figure 3: Number of institutions participating in research collaboration from countries

Such numbers make University proud for a wide acceptance of its faculty in collaborating with organizations from within and outside India.
