

## Ranking of research performance of Indian universities can be manipulated

Prathap and Gupta<sup>1</sup> ranked 25 Indian universities on the basis of research performance. Prathap<sup>2</sup> also did the same NISCAIR ranking for the top 20 universities in India. The recent article evaluated research work from 1999 to 2008 whereas the earlier article reviewed publication track record of various universities between 2004 and 2008. Surprisingly, the results of these two studies not only turned the ranking topsy turvy but some of the universities which are listed in September 2009 article are absent in the June 2009 article. Sanjay Gandhi PGIMS, University of Mumbai, Madurai Kamaraj University, Cochin University of S&T, Osmania University (separate from University of Hyderabad according to the list provided), Andhra University and CCS Haryana Agricultural University are all absent in the earlier ranking, and Mangalore University which was listed at 20th rank in June 2009 is absent in September 2009. While methods of ranking may be correct, this discrepancy brings out a very interesting observation, i.e. by selecting the year under study you can change the ranking based on research performance of the university.

Moreover this brings up the next question, i.e. why have the author selected 1999–2008 for one article? Another anomaly is the inclusion of CMC Vellore and Sanjay Gandhi PGIMS when they are not universities at all! In fact, CMC Vellore's publications should have been evaluated under University of Madras as CMC Vellore is an institution under this university.

Similarly, if Sanjay Gandhi PGIMS is evaluated then why not AIIMS, New Delhi; PGIMER Chandigarh; ICMR Institutes; CSIR Institutes; Indian Institute of Science, etc. Each of these institutes is likely to have published more than 1200 papers in the 10-year period under study. However, if we evaluate the long-term performance of the university year by year we may get the true picture of its research performance.

Finally, a few words about ranking the university on the basis of publications. While ranking the university based on its publications is a necessity<sup>3</sup>, there is no single best way of ranking an institute due to the complex attributes of a university. Many publications in Indian journals have changed the way we practise medicine in this country or there have

been seminal observations made in Indian journals which are not quoted by high impact international journals. One of the major reasons for this anomaly is that we Indian scientists often do not quote from our own national journals, refrain from submitting our best articles in our own national journals but we expect that our journals will become high impact journals when we wake up from this Rip-Van Winkle slumber of neglect and superciliousness. The two papers<sup>1,2</sup> clearly show that research performance rank of a university can be clearly manipulated by the assessment parameters and cut-off dates.

1. Prathap, G. and Gupta, B. M., *Curr. Sci.*, 2009, **97**, 751–752.
2. Prathap, G., *Curr. Sci.*, 2009, **96**, 1560–1561.
3. Raj Gopal, V., *Curr. Sci.*, 2009, **97**, 744.

KANJAKSHA GHOSH

*National Institute of Immunohaematology,  
13th Floor, New M.S. Bldg,  
KEM Hospital, Parel,  
Mumbai 400 012, India.  
e-mail: 12.kanjakshaghosh@yahoo.com*

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