



### NIT ROURKELA

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## National Education Awards 2014 to NIT Rourkela

NIT Rourkela has been awarded National Education Award 2014 with outstanding Engineering Institute (East) by ABP News in the award function held at Taj Lands End, Bandra, Mumbai on June 27, 2014. The Award is in recognition of leadership, development, advertisement, engineering & technology, marketing an institute and industry interface. This Award has added another feather in the crown of NIT Rourkela and is continuously bringing more glory to the Institute under the visionary and iconic leadership of Prof. Sunil Kumar Sarangi, Director, National Institute of Technology Rourkela with dedicated team work of faculty, staff and students.

## Global Immersion Programme 2014

Global Immersion Programme is the outcome of dynamic & progressive thinking of our **Honourable Director Prof. Sunil Kumar Sarangi** who created this opportunity for NIT Rourkela to have more exposure for leading change. In order to achieve this, NIT Rourkela has become the first NIT in India to sign up with Corporate Gurukul's Global Immersion Programme (GIP) Singapore for Faculty and Staff, NIT Rourkela.

The programme schedule was designed by **Mr. Rajesh Panda**, an alumni of NIT Rourkela (1996 Batch, ME), not only for official visit to the academic institutions in Singapore but also for an entertainment which was really awesome and incredible.

This tour has been really very successful in widening the thinking limit of everyone in their respective fields as we all were given an opportunity to visit Ngee Ann Polytechnic, Nanyang Technological University, Singapore and National University of Singapore to interact with their staff and faculty. The libraries are the main attraction of these places being a knowledge hub.

We all express our sincere thanks to **Honourable Director** for providing this opportunity.

## Did you know?

- ◆ The heart is the only muscle which does not take its signal from the nervous system. It has its own simulator in the right atrium.
- ◆ Our stomach produces 2.12 quarts (2 litres) of gastric juice daily which is 100000 times more acidic than water and has about the same acidity as battery acid.

## Vendors are at door step with the latest editions...

Under the able guidance of our honourable Director Prof. Sunil Kumar Sarangi, Biju Patnaik Central Library has put efforts for encouraging the registered vendors to display the books to the faculties and collect the recommendation forms duly filled and deposit the same in the Library.

As a result to the above some of our vendors are now actively displaying their collections to the faculties and Biju Patnaik Central Library is getting the recommendations accordingly. This practice will certainly help everyone in proper collection building and management.

## Fifty years of Science Citation Index

The Intellectual Property & Science business of Thomson Reuters has recently announced the 50<sup>th</sup> anniversary of the Science Citation Index (SCI), the precursor of its current research platform Web of Science. More than 6,900 research institutions and hundreds of governments around the world use the Web of Science to access scientific literature resources.

Its anniversary website features videos, podcasts, a timeline, and other information about the evolution of the SCI/ Web of Science. It became commercially available in 1964. To celebrate the anniversary, Thomson Reuters will update its user interface, expand its content, and add open-web access for subscribers.

## Workshop on 'Leading Change' for NIT Rourkela at NTU Singapore



A workshop on '**Leading Change**' for NIT Rourkela was successfully conducted by Mr. Rajesh Panda, Director, Corporate Gurukul at Nanyang Technological University Singapore on July 4, 2014.

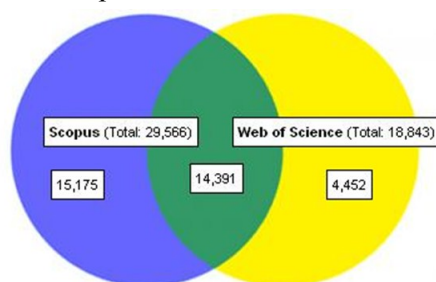
This program was mainly focussed on Leading Change and emphasis was given on **performing & practicing** rather than **knowing & reflecting**.



## SJR2 indicator for measuring journals for scientific prestige

Searching for citations of a specific article can be a difficult task for academic candidates, and the task is even more difficult when the question of which journal citations are eligible is raised.

Elsevier's Scopus and Thomson Reuter's Web of Science (WoS) are the two most extensive, popular (and commonly-used) search tools in academia to track impact factors. (For direct head-to-head comparisons, *see* this Scopus and Web of Science Comparison Chart.) Besides searching the literature, these two databases are rank journals in terms of productivity and total no of citations received to indicate their impact, prestige and influence. The principles behind bibliometrics, and *cited reference searching*, are used to track impact of authors, their scholarship, and where they opt to publish.



### JISC-ADAT comparison, Scopus vs. Web of Science journal & conference proceedings – 2013 journals-only coverage Scopus=19,809 WoS=12,311

Scopus and WoS, though complementary, are quite different tools. If researchers or librarians were asked to select one, which do they prefer? To answer this, the two databases should be compared for qualitative and quantitative aspects. Both use bibliometrics but each has unique features, coverage and practices. Scopus has more content (~22,000 journals) but comes with a noticeable European and Elsevier-publisher bias. The WoS covers ~12,000 journals (open access titles and conference abstracts) but reveals its own American bias. Academic libraries provide access to either Scopus or WoS, but rarely both.

In further detail, WoS is a multidisciplinary database that contains the Science Citation Index, Social Sciences Citation Index and Arts & Humanities Citation Index. Scopus provides access to scientific, technical, medical and social science literature where as Google Scholar covers all the electronically published papers.

**Below the table provides the data about these three with their pros and cons.**

| SN | Characteristics               | Scopus  | WoS  | GS   |
|----|-------------------------------|---|--|--|
| 1  | Date of official Inauguration | 11/2004   | 2004   | 11/2004  |
| 2  | Language                      | Eng+30  | Eng+45   | Eng+ any   |
| 3  | Content of Journal            | 12850(500 open access)  | 8700   | Not provided, all electronic resources   |
|    | Focus(Field)                  | Physical Sc, Health Sc, Life Sc, Social Sc & Technology   | Science & technology, Social Sc art and Humanities   | Theoretically all available electronically   |
| 4  | No of key words               | 30  | 15   | No limit   |
| 5  | Uses                          | Link to full text and other library resources   | Links to full-text, links to related articles  | Links to full-text articles, free full-text articles, links to journals, links to related articles, links to libraries |
| 6  | Period covered                | 1966–present  | 1900–present   | Theoretically all available electronically   |
| 7  | Database covered              |   |  |  |
| 8  | Updating times                | Weekly  | Weekly   | Monthly on average   |
| 9  | Developer/owner (country)     | Elsevier (Netherlands)  | Thomson Reuter, Corporation (US)   | Google Inc. (US)   |
| 10 | Citation analysis             | Total number of articles citing work on a topic or by an individual author cited in other articles. | As for Web of Science plus the total number of articles on a topic or by an individual author. | Next to each paper listed is a "cited by" link; clicking on this link shows the citation analysis                      |



