



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला  
National Institute of Technology Rourkela  
Biju Patnaik Central Library

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General News

Anti-parasite drugs sweep Nobel prize in medicine 2015

Three scientists who developed therapies against parasitic infections have won this year's Nobel Prize in Physiology or Medicine. T.

The winners are: William C. Campbell, a microbiologist at Drew University in Madison, New Jersey; Satoshi Ōmura, a microbiologist at Kitasato University in Japan; and Youyou Tu, a pharmacologist at the China Academy of Chinese Medical Sciences in Beijing.



13-year-old Odisha girl wins Google Science Fair award

A 13-year-old student from Odisha, Sripada Srisai Lalita Prasida, has won the Community Impact Award at the Google Science Fair in the 13-15 years age category for developing a water purifier that works using waste corn cobs. Prasida, who studies in class 9 at DPS Damanjodi in Odisha's Koratpur district, was awarded \$10,000 as prize money and will be mentored by Google to build the project. As part of the project, Prasida used waste corn



cobs in order to clean purify water from domestic as well as industrial wastes by applying the principle of adsorption.

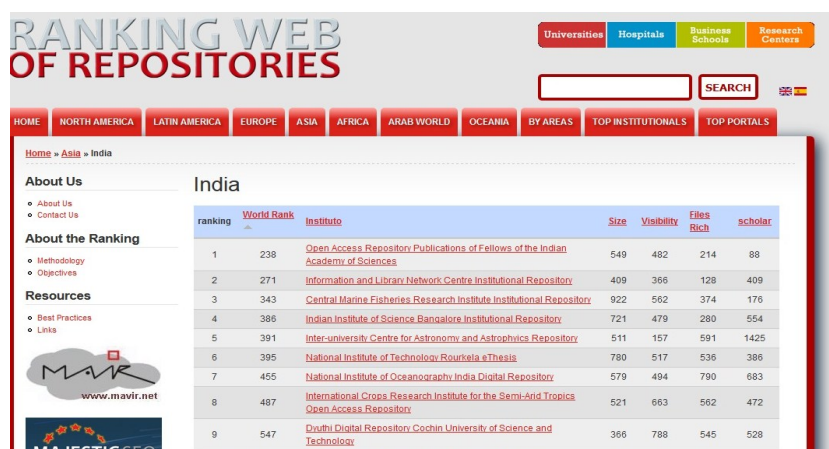
In her experiment, Prasida found that waste corn cobs are able to adsorb contaminants like salt oxides, detergent, suspended particles, coloured dyes, oil, grease and even some heavy metals.

## News about NIT Rourkela

### e-Thesis@NITR has been ranked 6<sup>th</sup> among the top repositories in India

e-Thesis@NITR, the institutional Open Access electronic theses repository of our Institute has been ranked 6th among the top repositories in India and 395th among institutions around the world. Similarly, DSpace@NITR—the repository of all intellectual output of NITR is ranked at the 10th place in India and 636th in the world.

This ranking is published in the 17th edition (July 2015) of Ranking Web of World repositories, an initiative of the Cybermetrics Lab, a research group belonging to CSIC (Consejo Superior de Investigaciones Científicas), the largest public research body in Spain.



ranking	World Rank	Instituto	Size	Visibility	Files Rich	scholar
1	238	Open Access Repository Publications of Fellows of the Indian Academy of Sciences	549	482	214	88
2	271	Information and Library Network Centre Institutional Repository	409	366	128	409
3	343	Central Marine Fisheries Research Institute Institutional Repository	922	562	374	176
4	386	Indian Institute of Science Bangalore Institutional Repository	721	479	280	554
5	391	Inter-university Centre for Astronomy and Astrophysics Repository	511	157	591	1425
6	395	National Institute of Technology Rourkela eThesis	780	517	536	386
7	455	National Institute of Oceanography India Digital Repository	579	494	790	683
8	487	International Crops Research Institute for the Semi-Arid Tropics Open Access Repository	521	663	562	472
9	547	Druhi Digital Repository Cochin University of Science and Technology	366	788	545	528

The **Ranking Web** (Webometrics) provides a list of mainly research-oriented repositories arranged according a composite index derived from their **web presence** and the **web impact** (link visibility) of their contents, data obtained from the major commercial search engines.

Source: [Web of Repositories](#)

### Celebration of Hindi Diwas-2015 @ NIT Rourkela

Hindi Diwas 2015 was celebrated by NIT Rourkela on September 14, 2015. Director inaugurated the function. Staff, Students and Professors recited the Hindi Poems, Hindi Story and also delivered lectures related to Hindi Literature.

## Activities @ BPCL

### User Awareness Workshop : VI on September 16, 2015

**User Awareness Workshop : VI on** Digital Resources by Oxford University Press in collaboration with Oxford University Press was conducted at Digital Resources Center-Seminar Room , Biju Patnaik Central Library on September 16, 2015. Mr. Joyanta Guha from Oxford University Press handled the session. More than 25 research scholars, students and faculty members witnessed the program.

### User Awareness Workshop : VII on October 07, 2015

**User Awareness Workshop : VII on** Digital Library Solution by Informatics was conducted at Digital Resources Center-Seminar Room , Biju Patnaik Central Library on October 07, 2015. JGate@NIT Consortia, FedGate, EzProxy and India Business Insight were main topics for the discussion. Mr. Avijit Das handled the session and more than 25 research scholars, students and faculty members witnessed the program.

## User Awareness Workshop : VIII on October 14, 2015

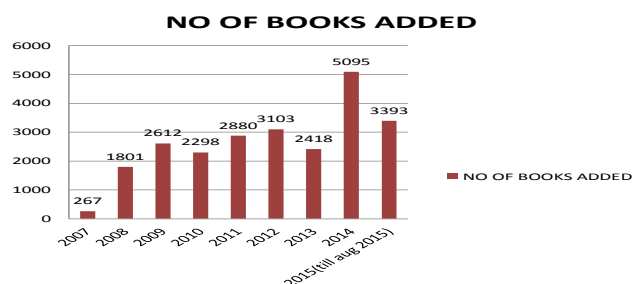
**User Awareness Workshop : VIII on** Hands on Training Session on Prowess by Centre for Monitoring Indian Economy Pvt. Ltd was conducted at School of Management , Biju Patnaik Central Library on October 14, 2015. Mr. Kuntal Saha from CMIE delivered the lecture and provided the training on Prowess—Desktop version. More than 25 research scholars, students and faculty members witnessed the program.

## Collection development @ BPCL

The Biju Patnaik Central Library (BPCL), NIT Rourkela with its modern collection of knowledge resources and innovative information services fills an essential role for students, faculty, and the surrounding community in their intellectual pursuits. It is a hybrid library with the state-of-the-art technological applications. The Library holds knowledge resources predominantly related to Science and Technology, Social Science & other allied subjects.

This report puts emphasis on last nine year's (2007 – 2015) collection development of books. In the last nine years total of 23600 book has been added to the collection. Average yearly growth stands 2622 nos. / year.

## Yearly Acquisition Statistics



### Year wise collection development

YEAR	NO OF BOOKS ADDED	CUMULATIVE NO OF BOOKS
2007	267	50787
2008	1801	52588
2009	2612	55200
2010	2298	57498
2011	2880	60378
2012	3103	63481
2013	2418	65899
2014	5095	70994
2015	3393	74387

## Book Fair 2015 @ NIT Rourkela

Biju Patnaik Central Library (BPCL) organized a three day (03) 'Annual Book fair – 2015 @ NCC Ground, NIT Rourkela during November 02 -04, 2015. Director, Prof. Sunil Kumar Sarangi inaugurated the Book Fair – 2015 at NCC Ground, NIT Rourkela. Prof. A. K. Panda, Chairman, Book Fair and Dr. Bhojaraju Gunjal, Secretary, Book Fair, Faculty, Students, intellectuals and all the vendors witnessed the inaugural function. Director in his speech emphasized the importance of books and book fair in promoting the reading habits among all age of people. He also emphasized the role of Book Fair in remote areas.

Prof. A. K. Panda, Chairman, Book Fair mentioned that books are important and indispensable source of preservation and dissemination of knowledge and are also the simplest, readily accessible and most inexpensive source through which knowledge can be spread in any civilized society.

BPCL Annual Book Fair has been playing a pivotal role in reiterating the might of the pen and the printed word and has come to be recognised as the biggest annual cultural event of NIT Rourkela initiated by **Honorable Director Prof. Sunil Kumar Sarangi**. This event is keenly awaited by students, professors, scholars, intellectuals, librarians and book lovers. This book fair not only promotes literacy and reading habit among students and teachers but also presents a vast panorama of books on different subjects and reference books.

More than 35 vendors/publishers from different corners of country participated to display their books in different subjects such as Engineering, Science & Technology, Humanities, Planning & Architecture, Earth & Atmospheric Science, Food Processing Engineering and Management. Participants also displayed the infotainment books including the children books, biography etc. as the other local institutions & colleges also visited the Book Fair for the procurement of books for their libraries. The vendors also brought the books related to aforesaid subjects in Hindi and Hindi literature as well.

The Book Fair 2015 ended with great success in which entire faculty, students, intellectual and vendors actively participated to enrich the library collection judiciously.



Ribbon Cutting



Lighting the Lamp



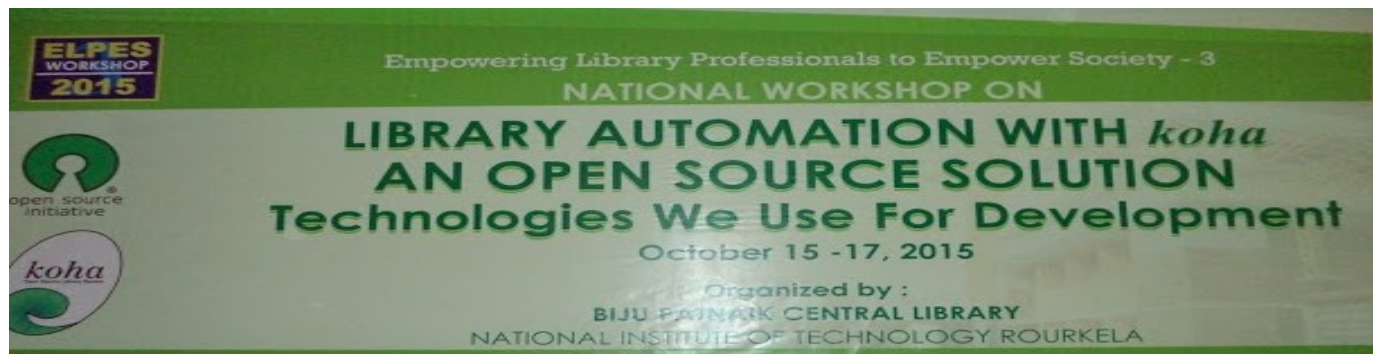
Group Photo with all the Vendors



Visiting the Book Stalls

## Workshop conducted by BPCL@NIT Rourkela

National Workshop on Library Automation with **koha**: open source solution was conducted by Biju Patnaik Central Library, NIT Rourkela during October 15-17, 2015. 39 participants from different parts of India and Nepal witnessed the programme to learn **koha**. It was three day programme and training was provided in such a way that a participant can implement the software **koha** without any help. The programme ended successfully with Certificate distribution to all the participants.



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