



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

2015

Library e-Newsletter

Vol. 2, No. 12

News@NIT Rourkela

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National Workshop in association with NIT Rourkela

National Workshop on Open Source Solution for Libraries : Koha, DSpace and Joomla was conducted by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra in association with National Institute of Technology, Rourkela during November 23-27, 2015. This program was designed by Department of Library & Information Science, Dr. B.A. Marathwada University to educate the students and working library professionals for making them sound technically.

More than 30 participants including students, Ph.D. Scholars, Teachers and working professionals took part in this program to discuss and learn the issues on the above mentioned topics.

Vice Chancellor Prof. Chopade, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad especially thanked our Director Prof. Sunil Kumar Sarangi for association and deputing two resource persons Mr. D. P. Tripathi and Mr. V. K. Mishra for sharing the knowledge about open source technology being used worldwide in the field of Library & Information Science.



News @ BPCL

Faculty Publications Archived in DSpace

Year	2015*	As on date
Document Type		
Books	4	4
Chapters in Book	4	11
Journal Papers	112	905
Conference Papers		1322
News Paper/Magazines		
Book Reviews		
Edited Volumes		

*BPCL has received the above mentioned records in the Year 2015. Hence, BPCL requests all the faculty of NIT Rourkela to submit the documents, (if not submitted earlier) to update the aforesaid records in repository. **Source:** [DSpace@NITR](#)

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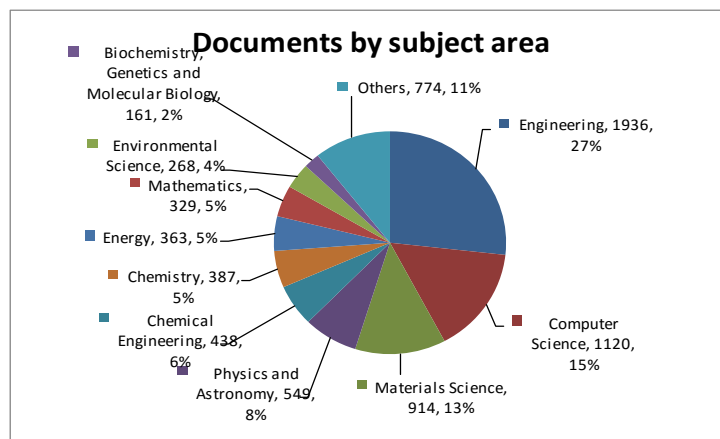
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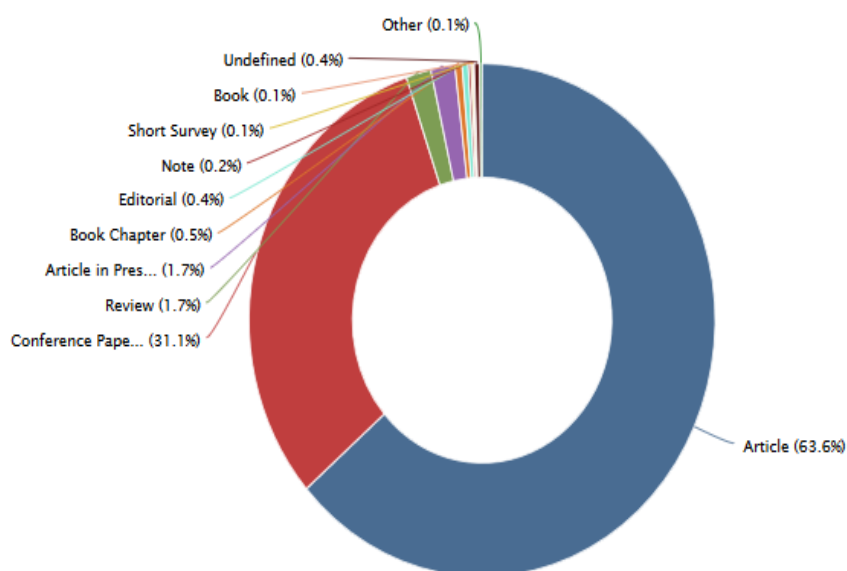
Total Number of Publications in Scopus by NITR Faculty

The graph shows the total number of publications in SCOPUS by NITR Faculty as on December 20, 2015.

Subject area	Documents
Engineering	1936
Computer Science	1120
Materials Science	914
Physics and Astronomy	549
Chemical Engineering	438
Chemistry	387
Energy	363
Mathematics	329
Environmental Science	268
Biochemistry, Genetics and Molecular Biology	161
Others	774



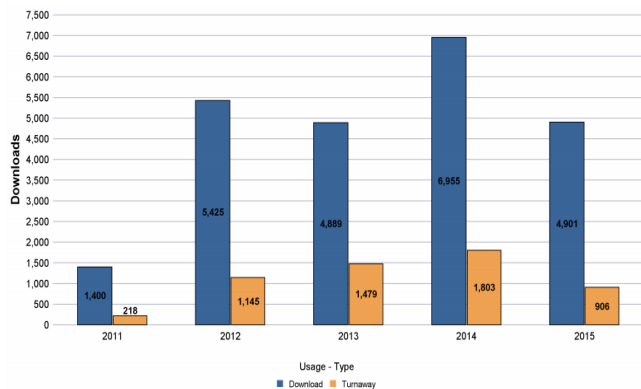
Document Type	Documents
Article	2635
Conference Paper	1290
Review	72
Article in Press	69
Book Chapter	21
Editorial	17
Undefined	16
Note	8
Short Survey	5
Book	4
Erratum	4
Letter	2
Total	4143



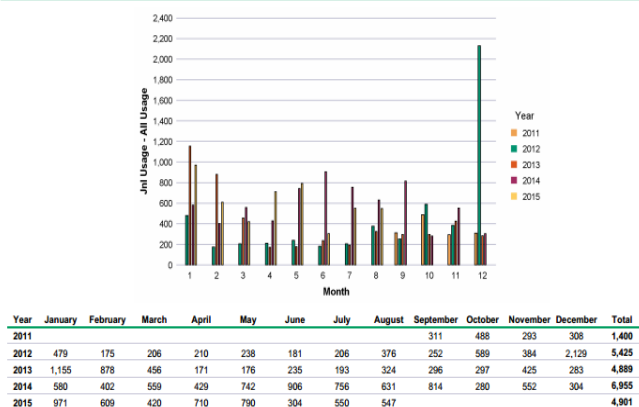
Source: [Scopus](#)

Usage of Emerald Resources @ NIT Rourkela

Usage for National Institute Of Technology Rourkela (ID: 566737) by year.



Downloads for National Institute Of Technology Rourkela by month and year.



Source: [Emerald](#)

Usage of SAGE Engineering Journals (Year: 2015)

Journal	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Total for all journals	234	156	259	239	242	242	284	281	219	120
Adaptive Behavior	4	0	1	0	0	0	0	0	0	0
Building Services Engineering Research and Technology	0	1	0	0	1	0	0	1	0	0
Bulletin of the Atomic Scientists	0	0	0	0	0	0	0	0	0	0
Concurrent Engineering	0	0	0	0	1	0	0	0	0	0
Contributions to Indian Sociology	0	0	2	0	2	0	7	3	0	0
Economic Development Quarterly	0	0	1	1	0	0	0	0	0	0
Engineering in Medicine	0	0	0	0	0	0	0	0	0	0
High Performance Polymers	4	1	4	2	3	1	1	4	2	0
Human Factors: The Journal of the Human Factors and	0	0	0	1	0	0	0	0	1	0
Indoor and Built Environment	0	0	0	0	0	0	0	0	0	0
International Journal of Damage Mechanics	10	1	1	2	2	0	0	15	2	11
International Journal of Engine Research	0	0	0	0	0	0	0	0	0	0
International Journal of High Performance Computing	0	0	0	0	0	0	0	0	0	0
The International Journal of Robotics Research	8	1	9	2	5	15	2	3	1	1
Journal of Bioactive and Compatible Polymers	2	5	6	8	8	6	0	3	3	0
Journal of Biomaterials Applications	3	7	9	3	9	2	5	6	1	1
Journal of Building Physics	0	0	0	0	0	0	0	0	0	0
Journal of Cellular Plastics	0	0	0	1	0	1	1	0	0	0
Journal of Composite Materials	61	42	65	55	48	97	63	51	44	30
The Journal of Defense Modeling and Simulation:	0	0	0	0	0	0	0	0	0	0
Journal of Elastomers and Plastics	0	0	1	0	0	0	0	1	0	0
Journal of Fire Protection Engineering	0	0	0	0	0	0	0	0	0	0
Journal of Fire Sciences	0	0	0	0	0	0	0	0	0	0
Journal of Industrial Textiles	8	0	19	6	9	4	14	11	2	3
Journal of Intelligent Material Systems and Structures	14	8	21	10	23	5	32	24	17	9
Journal of Plastic Film and Sheeting	0	0	0	1	0	0	0	0	0	0
Journal of Reinforced Plastics and Composites	54	24	45	57	54	33	96	62	46	24
Journal of Sandwich Structures and Materials	0	24	7	17	17	11	11	5	8	4
Journal of Thermoplastic Composite Materials	6	1	13	15	0	3	6	11	14	6
Journal of Vibration and Control	9	13	16	11	8	17	9	23	31	2
Lighting Research and Technology	0	0	0	1	0	0	0	0	0	0
Mathematics and Mechanics of Solids	2	4	4	2	7	2	7	0	6	0
SAGE Open	0	1	8	8	12	5	8	0	10	0
SIMULATION	0	1	0	1	2	0	0	0	0	0
Textile Research Journal	0	0	1	0	1	0	1	0	0	0
Transactions of the Institute of Measurement and Control	0	0	1	3	14	1	1	4	3	4
Waste Management & Research	3	0	2	0	1	0	4	20	0	0

Source: [Sage Publications](#)

General News

US Air Force's X-37B Space Plane Wings Past 200 Days in Orbit



The U.S. Air Force's secretive X-37B space plane has winged its way past the 200 day mark, carrying out a classified agenda for the American military.

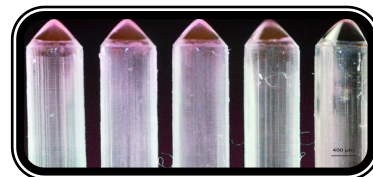
The unmanned X-37B space plane rocketed into orbit on May 20 on a United Launch Alliance Atlas V rocket launching from Florida's Cape Canaveral Air Force Station back. The reusable robotic space plane mission, also dubbed OTV-4 (short for Orbital Test Vehicle-4), is the fourth spacecraft of its kind for the U.S. Air Force.

OTV-4 also marks the second flight of the second X-37B vehicle built for the Air Force by Boeing Space & Intelligence Systems. Only two reusable X-37B vehicles have been confirmed as constituting the fleet.

Source: [Live Science](#)

New Technique for Developing Nanodevices at One-Hundredth the Current Cost

Researchers from MIT have developed new techniques for building microelectro-mechanical systems at one-hundredth of the current cost.



Source: [SciTechDaily](#)

Training/Workshop/Conference attended by Library Staff

- Dr. Bhojaraju Gunjal attended and participated in Panel discussion on “How To Circumvent Plagiarism in Academic Environment” at Academic Integrity Seminar being jointly conducted by Turnitin and iGroup in association with IIT Bhubaneswar, November 18, 2015 held at IIT Bhubaneswar, Bhubaneswar, Odisha.
- Dr. Bhojaraju Gunjal attended and presented a paper on "ETDs and Open Access for Research and Development: Issues and challenges" at ETD-2015, 18th International Symposium on Electronic Theses and dissertations, November 04-06, 2015, Convention Centre, Jawaharlal Nehru University, New Delhi
- Dr. Bhojaraju Gunjal attended 9th Faculty Development Program (FDP) on *Achieving Academic Excellence* under TEQIP-II [Management Capacity Enhancement Program (MCEP)] during September 07-12, 2015 at Viceroy Hall of Hotel VW Canyon, IIM Raipur.
- Mr. D. P. Tripathi presented a paper on “Open Source Solutions for creation of ETD archives/repository: A case study of Central Library @ NIT Rourkela” at ETD-2015, 18th International Symposium on Electronic Theses and dissertations, November 04-06, 2015, Convention Centre, Jawaharlal Nehru University, New Delhi
- Mr. Bamdev Acharya, DR (Acad.), Dr. Bhojaraju Gunjal, D. K. Pradhan and Mr. D.P. Tripathi attended the ETD-2015, 18th International Symposium on Electronic Theses and dissertations, November 04-06, 2015, Convention Centre, Jawaharlal Nehru University, New Delhi
- Mr. V. K. Mishra and Mr. D. P. Tripathi, AL, BPCL delivered a lecture in the capacity of Invited Speaker by Department of Library & Information Science, Utkal University, Bhubaneswar during November 13-14, 2015
- Mr. V. K. Mishra and Mr. D. P. Tripathi, AL, BPCL attended the National Workshop on Koha, DSpace and Joomla - Open Source Solutions for Libraries at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra during November 23-27, 2015.

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