Swine Flu

Swine influenza, also called pig influenza, swine flu, hog flu and pig flu, is an infection caused by any one of several types of swine influenza viruses. **Swine influenza virus (SIV) or swine-origin influenza virus (S-OIV) is any strain of the influenza family of viruses that is endemic in pigs.** As of 2009, the known SIV strains include influenza C and the subtypes of influenza A known as H1N1, H1N2, H2N1, H3N1, H3N2, and H2N3.

**Transmission to humans**

People who work with poultry and swine, especially those with intense exposures, are at increased risk of zoonotic infection with influenza virus endemic in these animals, and constitute a population of human hosts in which zoonosis and re-arrangement can co-occur.

**Prevention of human-to-human transmission**

Influenza spreads between humans when infected people cough or sneeze, then other people breathe in the virus or touch something with the virus on it and then touch their own face. "Avoid touching your eyes, nose or mouth. Germs spread this way." Swine flu cannot be spread by pork products, since the virus is not transmitted through food. The swine flu in humans is most contagious during the first five days of the illness, although some people, most commonly children, can remain contagious for up to ten days. Diagnosis can be made by sending a specimen, collected during the first five days, for analysis.

Recommendations to prevent spread of the virus among humans include using standard infection control, which includes frequent washing of hands with soap and water or with alcohol-based hand sanitizers, especially after being out in public. Chance of transmission is also reduced by disinfecting household surfaces, which can be done effectively with a diluted chlorine bleach solution.

**Treatment In humans**

If a person becomes sick with swine flu, antiviral drugs can make the illness milder and make the patient feel better faster. They may also prevent serious flu complications. For treatment, antiviral drugs work best if started soon after getting sick (within two days of symptoms). Beside antivirals, supportive care at home or in a hospital focuses on controlling fevers, relieving pain and maintaining fluid balance, as well as identifying and treating any secondary infections or other medical problems. The U.S. Centers for Disease Control and Prevention recommends the use of oseltamivir (Tamiflu) or zanamivir (Relenza) for the treatment and/or prevention of infection with swine influenza viruses; however, the majority of people infected with the virus make a full recovery without requiring medical attention or antiviral drugs. The virus isolated in the 2009 outbreak have been found resistant to amantadine and rimantadine.

66th Republic Day Celebration at NIT Rourkela

66th Republic Day was celebrated at NIT Rourkela on January 26, 2015. Honorable Director Prof. Sunil Kumar Sarangi hoisted the flag followed by singing of National Anthem, inspection of the troop, march past by NCC troop and school children and then motivational speech by Director, NIT Rourkela. Following that beautiful patriotic songs were sung by school children and then food packets were distributed. Finally the gathering dispersed at 9:30 AM.

Student Text Book Distribution

Ordered text books by students to different vendors were distributed at Biju Patnaik Central Library in three different schedules.

The first distribution was during January 13-15, 2015 in which most of the books were distributed to students. The second distribution was on January 27-29, 2015 followed by third distribution on February 18, 2015.

User Education Programme

Biju Patnaik Central Library organized “User Education Programme” for all the UG, PG & Ph.D. students on January 19, 2015 at PK Parija Auditorium.

Key benefits: Awareness about Library Resources, Services, New Initiatives and many more.

For more detail, visit the page at [http://library.nitrkl.ac.in/index.php/library-services/user-education](http://library.nitrkl.ac.in/index.php/library-services/user-education)
National Conference organized by BPCL

The National Conference on Emerging Trends and Techniques for Electronic Resource Management in Libraries: Issues & Challenges under the series Empowering Library Professionals to Empower Society – 2 was held at PK Parija Auditorium, NIT Rourkela during February 13-14, 2015. Dr. P. Y. Rajendra Kumar, Director General, National Library of India, Kolkata was the chief guest who inaugurated the conference and addressed the gathering with his valuable thoughts on electronic resource management.

He also discussed about National Library of India and its various services for library profession and professionals. The function was presided over by Director Prof. Sunil Kumar Sarangi, NIT Rourkela. In his welcome speech, he mentioned about transition phases from clay slate to electronic media and also about changes in style of classification from color & size to current trends.

Chairman, Prof. B.K. Pal and Organizing Secretary Dr. Bhojaraju Gunjal welcomed the audiences and discussed about the theme of the conference during inaugural session. Convener Mr. D. K. Pradhan ended the inaugural function with vote of thanks. 80 participants attended the conference and presented the papers on various sub-themes on these two days.

The conference successfully ended with valedictory function in the presence of Chairman Prof. B.K. Pal, Organizing Secretary Dr. Bhojaraju Gunjal and Convener Mr. D.K. Pradhan. On this occasion, Dr. S. K. Patra was the guest of honour. Welcome address was given by Mr. V.K. Mishra followed by vote of thanks by Organizing Secretary Dr. Bhojaraju Gunjal. The conference was a grand success.

Meetings @ BPCL

Student Text Book Committee Meeting: STB Committee Meeting was held at BPCL on 30.01.2015 with STB Committee members, STB Vendors, Students representatives and the Library STB Coordinator from BPCL. All the members discussed in detail about student text book from student, faculty, vendors and library perceptive. The minute of the meeting can be accessed at http://groupemail.nitrkl.ac.in/Files/MoMSTB30-01-2015.PDF

Purchase Committee Meeting: Purchase committee meeting was held at BPCL on 26.02.2015 with Purchase Committee Members chaired by Prof. S. K. Jena. The committee discussed about procurement of furniture and other utilities such as digital signage, computers and projector screen for DRC, wall poster, 3-Fold notice board, digital camera, etc. Committee also discussed about procurement of newly recommended e-resources and other requirements like furniture for reading room of TBL etc.
Attended:


Expert Talk:

- Dr. Bhojaraju Gunjal delivered a talk on Digital Curation in libraries: an innovative way of content preservation and dissemination at International Conference on What Next in Libraries? (WNL 2K15) at NIT Silchar during January 21-23, 2015 organized by Central Library, NIT Silchar.
- Mr. V. K. Mishra delivered lecture at National Workshop on Koha, DSpace and Joomla as a Resource Person at IIT Roorkee during February 2-6, 2015.
- Dr. Bhojaraju Gunjal delivered a talk on "Issues and Challenges for Librarianship: Are we equipped with solutions?" at National Seminar on Contemporary Issues and Challenges of Librarianship during February 21-22, 2015 organized by P. G. Department of Library & Information Science, Sambalpur University, Jyoti Vihar Odisha.

Publication:

- Book Chapter written by Mr. V. K. Mishra on “Systematic approach of data migration, customization and implementation of Koha: a case study of Saharanpur Campus, IIT Roorkee” was published in a festschrift volume of late Dr. Harish Chandra.

Upcoming events/activities

Library Survey: BPCL has been extending library services to its users as per the users’ requirements. To improve the library services and collect the feedback from its users, Central Library is planning to conduct a library survey in the month of March 2015.

Reorganization of Sections: The ground floor of library has been renovated so BPCL is planning to reorganize its sections & services such as Circulation, Digital Resource Centre (DRC), Text Book Library (Planned), Reprography section and Information KIOSK.

Important Day

National Science Day:

National Science Day is celebrated all over India with great enthusiasm on 28th of February every year in order to commemorate the invention of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman on the same day in the year 1928. For his great success in the field of science in India, Chandrasekhara Venkata Raman was awarded and honored with the Nobel Prize in the Physics in the year 1930.

National science day is celebrated as one of the main science festivals in India every year during which students of the schools and colleges demonstrates various science projects as well as national and state science institutions demonstrates their latest researches. The celebration also includes public speech, radio-TV talk shows, exhibitions of science movie, science exhibition based on themes and concepts, watching night sky, live projects and researches demonstration, debates, quiz competitions, lectures, science models exhibitions and many more activities. The theme of the year 2015 will be “Science for Nation Building”.

Source: http://www.indiacelebrating.com/events/national-science-day/
Events in future...

The following activities are planned in future:

1. Reorganization of Sections of BPCL after renovation
2. Establishment of Text Book Library (TBL) section
3. Weeding out physically damaged books
4. Information KIOSK in Library
5. Liaison with Departments