



CSIR



CSIR Integrated Skill Initiative



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NISCAIR

## CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR)

### Short Term Training on "Library Automation and Networking" November 26 - December 07, 2018

#### About NISCAIR

National Institute of Science Communication and Information Resources (NISCAIR) is one of the premier institutes of CSIR serving the society using modern IT infrastructure. NISCAIR, since its inception, has been laying emphasis on reaping the benefits of information technology to effectively serve the national and international community to be an institution of international standard and repute in the areas of knowledge networking, databases on natural resources, science communication, science popularization and S&T information management systems and services. CSIR-NISCAIR hosts a state of the art DIRF Data Centre (ISO/IEC certified) and National Science Library.

#### About Course

Library Automation is a way to become sustainable with the ever-increasing shift to a technology-based society, in terms of information dissemination, paired with the ever-decreasing amount of funding for libraries. Automation will help libraries who begin to struggle and are forced to lay off staff. Switching to an automated system allows libraries to add on features when they become available in the future, instead of having to do a complete overhaul of their collections and cataloguing methods.

The course will cover topics like Linux, Koha, Dspace, Web 2.0, Introduction to Computer Networking, Open Journal Systems, Content management, Cloud Computing etc.

Koha is a full featured open source Integrated Library Management System (ILMS). It has web-based interfaces, full MARC21 and UNIMARC support for professional cataloguing, modules like acquisition, catalogue, patron management, circulation and serial management. It is fully customizable and Z39.50 compatible.

Dspace is Open Source Digital Repository / Digital Library creation software. Dspace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets.

With the web based open source software knowledge of networking is very much necessary. The use of social media in libraries plays an important role therefore the awareness about web 2.0 technologies is also required.

Objectives of this course is to make aware professionals about Open Source Software Linux, Koha, Dspace etc. and to practically train professionals for installation and hands-on working with Koha & Dspace on Linux independently.

The training will be mostly practical oriented. This will help participants in developing confidence to implement Koha and Dspace at their respective organizations/ institutes.

#### Broad Course Content:

- Open Source Software for Libraries
- Koha: Overview, Features & Technology
  - Installation of Linux
  - Installation of Koha on Linux
  - Tools & Administration
  - Patron Management
  - Acquisition Module; Catalogue Module; Circulation Module; Serial Module
  - Customization; Reports; Backup & Restore.
- DSpace: Introduction, Overview and Features; Communities, Collection, Item Submission, E-people Authorization etc.
- Web 2.0 Technologies
- Software Tools for Information Management
- Computer Networking Concepts
- Open Journal Systems: Introduction, Features and Functionality
- Content Management System: Overview
- Cloud Computing: Introduction

Interested Library & Information Science Professionals, Science Communicators, Academicians, R&D personnel, Students (Graduate and above) may send their application to [training@niscair.res.in](mailto:training@niscair.res.in)

The course fee for Indian participants, Rs. 10,000 (without accommodation) and Rs. 15,000 (with accommodation) is to be paid through NEFT/ECS/IMPS only to NISCAIR bank account. The details of CSIR-NISCAIR bank account is as under:

A/c.no. 90292160000079, A/c name: NISCAIR, New Delhi, Bank: SYNDICATE BANK, Branch: Pusa Campus, IARI, New Delhi- 110012, IFSC:SYNB0009029

The course fee includes lunch & two times session tea.

Participation Certificate will be awarded after successful completion of training.

#### For more details Contact:

Mr. Mukesh Pund , Sr. Principal Scientist (9868628874)

Mr. Salim Ansari , Sr. Technical Officer (7838149298)

#### Venue

CSIR-NISCAIR, Vigyan Suchna Bhawan, 14 Satsang Vihar Marg,  
New Delhi-110067

**Last Date of Application : November 19, 2018**