National Workshop
On
Open Source Software:
Koha, DSpace and Joomla

4-8 May, 2015

Organised by
Mahatma Gandhi Central Library
Indian Institute of Technology Roorkee
Roorkee-247667

Tel: +91-1332-285239, 277598 Fax: +91-1332-273560, 277598
E-mail: mgclworkshop2015@gmail.com
URL: http://mgcl.iitr.ac.in or www.iitr.ac.in

The Mahatma Gandhi Central Library (MGCL), IIT Roorkee will conduct a five day workshop for Library professionals on Open Source Software (OSS). The aim of the workshop is to spread awareness about the open source software and their proper use in libraries. The workshop will provide detailed knowledge about three most widely used OSS i.e. Koha, DSpace and Joomla. There will be extensive hands on practice and half day will be devoted to project on developing prototype digital libraries. Being a week long workshop, it qualifies for API as per UGC guidelines.

The following topics will be covered
- What is Open Source Software (OSS) & Why?
- Application of Open Source Software in the Libraries
- Koha and its use in managing libraries
- Downloading and Installation of Koha
- Customization and Management of Koha
- Customization of Koha Online Catalogue (OPAC)
- Cataloguing MARC-21 framework.
- MarcEdit Software
- Institutional Repositories and DSpace
- DSpace download and Installation
- DSpace Customization and Management
- Backup in DSpace
- Content Management System
- Joomla Open Source Software: an overview
- Joomla Installation and Management
- Projects

The Host
Indian Institute of Technology, Roorkee is the oldest engineering educational institution in the country. It was established in 1847 as College of Civil Engineering Roorkee which was renamed as Thomason College of Civil Engineering in the memory of James Thomason (then Lt. Governor of North West Provinces) in 1854. Thomason College was converted into University of Roorkee after independence in 1947 which now have been converted into Indian Institute of Technology, Roorkee in 2001 by the Central Government recognizing its national importance.

The Mahatma Gandhi Central Library
The MGCL of the Institute finds a unique place in the academic library scenario in this part of the world. It is an amalgamation of the old and the new. While it is one of the oldest academic libraries in country, it is housed in a state of art new building using
latest ICT. The Library contains more than 3.40 lacs documents in print. Its e-resource collection is very large that comprises of 15,000+ current e-journals, 2,00,000+ back volumes, 35,000+ e-books, 2,00,000+ Standards and specifications, 2 Million theses and dissertations.

The building of the MGCL has been designed keeping in view of latest ICT facilities. It has a provision of more than 200 I/Os for connecting desktop computers. Wi-Fi connectivity is provided for laptops. A well equipped imaging centre with two Minolta Planetary Scanners and several flatbed scanners has been established for digitization purpose. The Library maintains six servers for various activities. The library has also established two Institute Repository “Bhagirathi” which is to contain Institute Archives and other publications and “Shodh-Bhagirathi” that contains all theses and dissertations granted in the Institute. Further information about the library is available at [http://mgcl.iitr.ac.in](http://mgcl.iitr.ac.in).

MGCL regularly conducts workshops to share its knowledge with the library fraternity of the nation. In this process it has conducted more than two dozen workshops seminars and conferences. The last workshop on Koha was conducted during 2-6 February 2015. This workshop is being repeated since many aspirants could not be accommodated due to heavy demand.

**About Roorkee**
Roorkee is situated at the foot of Himalayas, has picturesque landscape blessed with holy Ganga canal and is the gateway to world famous pilgrimage and tourist places of Haridwar, Rishikesh, Valley of flowers, Badrinath, Kedarnath, Dehradun and Mussoorie. It has a population of over 1,50,000 and is at a distance of about 180km from Delhi. It is directly connected through railways to Delhi, Bombay, Lucknow, Calcutta, and Amritsar. Regular bus and taxi service is available from Inter State Bus Terminal at Delhi and takes about 5 hours from Delhi to Roorkee. The weather in February is comfortable however sometimes woolens may be required. Participants are advised to come prepared accordingly. A trip to Haridwar/Rishikesh will be arranged on payment basis during the workshop.

**Objectives:**
- To enable the Library & Information Professionals to face the technological challenges such as data migration, multi-branch handling, installation etc.
- To make the library professionals technically sound so as to automate their library independently without any support & also to develop the online application with the help of Content Management System

**Who should attend?**
Library and IT professionals, Students of LIS, Research Scholars, LIS and Computer Science professionals can be attended this workshop. And participant must have the basic knowledge of computer handling (Windows), installation of application software and working with Internet Explorer or any other browser.

**Koha:**
Koha is the first Open Source Integrated Library Management System (ILMS) that can take care of all library activities such as Acquisition, Cataloguing, Circulation, Serial Control & Online Public Access Catalogue. Koha is based on International library standards and protocols (such as MARC21, Z39.50 etc.) that ensures that Koha data can be exchanged between similar ILMSs. & any other library management system. More details about KOHA can be found at [http://koha-community.org/](http://koha-community.org/).

**DSpace:**
DSpace is popular software to develop Institutional Repositories (IR). It allows an IR in any format – in text, video, audio, and data. It indexes your work, so users can search and retrieve your items. It preserves your digital work over long term. DSpace provides a way to manage your research materials and publications in a professionally maintained repository to give them greater visibility and accessibility over time. More information about DSpace can be found at [www.dspace.org](http://www.dspace.org).

**Joomla:**
Joomla is an Open Source Content Management System(CMS) used all over the world for everything from simple websites to complex. It is an easy to install, simple to manage, and reliable. It uses only open source software for installation and use. Please log on to [www.joomla.org](http://www.joomla.org) for more details.
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<thead>
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<th>Registration Fee Details</th>
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<tbody>
<tr>
<td>Corporate/Government Participants</td>
<td>₹5000/-</td>
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<tr>
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<td>Students Participants</td>
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<tr>
<td>Accommodation Charges Guest House (on twin sharing basis)</td>
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<td>Accommodation Charges Hostel (on twin sharing basis)</td>
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Registration fee includes kits, course material and working lunch (without accommodation). Workshop is open for first 35 candidates only. Register for this workshop before or on 22nd April, 2015 by sending the requisite amount in the form of Cheque/DD in favour of Registrar, Indian Institute of Technology Roorkee payable at Roorkee. Confirmation will be sent to all registered candidates by e-mail/telephone. Please do not leave your place without confirmation.

Lodging, Boarding and Travel

The arrangement for lodging and boarding of participants will be made in Institute's guest houses/hostels from 3rd May 2015 (A/N) to 9th May (F/N) on twin sharing and first come first basis. Charges are for per person on twin sharing basis that includes morning tea, breakfast and dinner. Any other charge will be borne by the participant. As the accommodation at IITR is limited, participants are requested to book their accommodation as early as possible. The participants desirous of staying in hotels will have to make their own arrangement. Travel expenses will be borne by candidates or their institutes as the case may be.

Contact:

Yogendra Singh  
Librarian, MGCL, IITR  
+01332-285239  
Fax: 01332-273560,  
e-mail: yogi@iitr.ac.in

Amrendra K. Sharma  
Asst Librarian, MGCL, IIT Roorkee-247667 (UK)  
+01332-285173  
+91-98088 77370,  
e-mail: mgclworkshop2015@gmail.com

For more details pls. call:  
Santosh Kumar  
SLIA, MGCL IIT Roorkee (UK)  
+91-9410383131  
+01332-284232/284571  
e-mail: mgclworkshop2015@gmail.com

Note:  
All drafts/Multicity cheques must be in favour of "Registrar, IIT Roorkee" payable at Roorkee.