

National workshop on Open Source Software: Koha, DSpace and Joomla on 4-8 May, 2015
Organized by Mahatma Gandhi Central Library, Indian Institute of Technology Roorkee.
Workshop Report

Day First: D.P. Tripathi, NIT, Roukela and M. Parida, P.B. Mangla, Professor, Delhi University, Lib. Coordinator of MGCL, IIT Roorkee and Yogendra Singh, Librarian of MGCL, IIT, Roorkee inaugurated the workshop by lighting the lamp.

Mr. Yogendra Singh gave a speech on history of IIT, Roorkee and about Mahatma Gandhi Central Library. and services which provided to their user in library. IIT, 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 Thosmason in 1854. Thomasom College was converted into University of Roorkee after independence in 1947 which now have been converted into IIT, Roorkee in 2001 by the Central Government recognizing its national importance.

The history of Mahatma Gandhi Central Library: TheMGCL 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 used in a state of art new building using contest ICT. The library contains more than 3.40 lacs documents in print. Its e-source is very large. P.B. Mangla and M. Parida also told us about open source software especially Koha, DSpace and Joomla . Mr. Yogendra Singh gave a presentation on open source software and told us about application, features, services and benefits of open source software.

Day Second: D.P. Tripathi, NIT, Roukela who was came as a expert of open source software especially Koha, DSpace and Joomla gave presentation on koha, Koha is the first open source integrated library management system that came take care of all library activities such as Acquisition, Cataloguing, Circulation, Serial Control and Online Public Access Catalogue, Kohais base on International Library standards and protocols (such as MARC21, Z39.50 etc.) that ensures that koha can be exchanged between similar ILMs. & any other library management system. They was also covered following point.

- ❖ Application of Open Source Software in the Libraries.
- ❖ Koha and its use in managing libraries.
- ❖ Downloading and Installation of Koha.
- ❖ How we can use Koha software in library.

Day Third: Mr. D.P. Tripathi, NIT, Roukela he continued lecture and practical on koha today he was covered following topics.

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- ❖ Customization of Koha Online Catalogue (OPAC).
- ❖ Cataloguing MARC-21 Framework.
- ❖ MarcEdit Software.

Mr. Yogendra Singh delivered a speech and presentation on Machine Readable Catalogue (MARC) format. Its use in cataloguing in Koha software.

Day Forth: D.P. Tripathi, NIT, Roukela delivered a short speech and presentation on DSpace software that 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. In this session covered following topics and gave practical knowledge.

- ❖ DSpace Downloading and Installation
- ❖ Institutional Repositories and Dspace
- ❖ Dspace Customization and Management
- ❖ Backup in DSpace
- ❖ How we can work with DSpace.

Day Fifth: Mr. D.P. Tripathi, NIT, Roukela delivered a short speech and presentation on Content Management Software-Joomla and gave practical knowledge about its use and applications to make website with the help of Joomla also covered following points in this session:

Joomla is an Open Source Content Management System used all over the world for everything from simple website to complex. It is an easy to install, simple to manage, and reliable. It uses only open source software for installation and use.

- ❖ Another Content Management Software
- ❖ Joomla Open Source Software: an overview
- ❖ Joomla Installation and management

After lunch Mr. Yogendra Singh, Librarian gave short speech and finish this workshop and gave thanks to Mr. D.P. Tripathi, Nit Roukela who came their and benefited all participants after that we took lunch in the library and end the workshop.

Yogendra Singh
Trilokanand