

A thick dark blue vertical bar runs down the left side of the page. A blue arrow-shaped banner points to the right from the bar, containing the text '9th - 13th June 2025'.

9<sup>th</sup> - 13<sup>th</sup> June 2025

# OSLMS - 2025

Five-Days Training Program on Open-Source Library  
Management Software (Koha and VuFind)

Several thin, curved lines in shades of blue and grey originate from the bottom left corner and sweep upwards and to the right, creating a sense of movement and design.

Central Library, IIT Bhubaneswar

# Report on OSLMS - 2025

## **Five-Days Training Program on “Open-Source Library Management Software - Koha and VuFind,” organized by the Central Library from 9<sup>th</sup> to 13<sup>th</sup> June 2025 at IIT Bhubaneswar**

### **Introduction:**

Managing library operations efficiently remains a significant challenge for library professionals. The high costs of proprietary software and the shortage of skilled manpower further complicate these tasks. The advent of open-source software (OSS) has provided a cost-effective and customizable solution for library management. To equip library professionals with the necessary skills to leverage these tools, a five-day training program was organized focusing on Koha, a library management software, and VuFind, an open-source discovery tool.

With an objective to spread and provide hands-on training on various open-source tools and software for library professionals nationwide, the Central Library of the IIT Bhubaneswar organized a five-day training program focused on open-source Library Management Software, particularly tools like Koha and VuFind. The second edition of the open-source Library Management Software (OSLMS) series took place from 9<sup>th</sup> to 13<sup>th</sup> June 2025, wherein around 30 participants from reputed institutions across the country were provided with practical training and detailed deliberations.

### **Pre-Event Activities:**

The announcement of the training program was made on our Institute website and across various library professional forums, including the LIS Forum and the Odisha Library Academy Forum. A comprehensive brochure detailing the event was created to facilitate participants.

### **Event Highlights:**

#### **Day 1: 09-06-2025**

##### **Inauguration Ceremony:**

At the beginning of the first day, the training program was introduced by Dr. Bibhuti Bhusan Sahoo, Deputy Librarian cum Training Coordinator and Dr. Sambhunath Sahoo, Assistant Librarian cum Training Co-coordinator at IIT Bhubaneswar, and moderated by Miss Ankita Dash, Library Professional Trainee, IIT Bhubaneswar.

Inaugurating the training program, Prof. Rajesh Roshan Dash, Dean-Continuing Education (In-charge) and Dean-Student Affairs, said: “Today, the fast-changing digital world makes open-source tools for library management essential. These tools improve efficiency and accessibility, making them critical for modern library operations. These tools not only democratize access to information but also empower libraries to manage resources more effectively and efficiently. This program will help the library and information science professionals to become self-reliant in the installation and use of these tools, ensuring qualitative enhancement in the process of knowledge dissemination.”

In his welcome address, Dr. Sasidhar Kondaraju, Chairperson, Central Library, said: “This training program is designed to offer library professionals valuable practical experience with contemporary open-source library management software and tools, including Koha and VuFind. Upon completion of the program, participants will be well-prepared to implement these systems within their respective institutions.”

In his opening remark, Dr. Bibhuti Bhusan Sahoo, Deputy Librarian, cum Training Coordinator, IIT Bhubaneswar said: “The management of library operations presents significant challenges for

## Report on OSLMS - 2025

library professionals. While proprietary software solutions for library automation and management can be prohibitively expensive, the advent of open-source software has empowered libraries to achieve greater self-sufficiency. In this regard, the Central Library of IIT Bhubaneswar has taken the initiative to share its expertise and knowledge of these tools with library professionals throughout the country. It may be mentioned that the Central Library of IIT Bhubaneswar is one of the self-reliant libraries of the country, which has installed, implemented and successfully operates the open-source software like Koha and DSpace, ensuring better knowledge and information dissemination to its users.” Dr. Sambhunath Sahoo, Assistant Librarian proposed a vote of thanks on the occasion.



Prof. Manoranjan Satapathy, Professor, IIT Bhubaneswar; Dr. Debi Prosad Dogra, Associate Professor, IIT Bhubaneswar; Dr. Naresh Chandra Sahu, Associate Professor, IIT Bhubaneswar; Mr. Hemanta Kumar Biswal, Assistant Librarian, IIT Kharagpur; Dr. Bibhuti Bhusan Sahoo, Deputy Librarian and Dr. Sambhunath Sahoo, Assistant Librarian, IIT Bhubaneswar provided training to the participants as resource persons.



### The Training Program Coordinator and Co-coordinator:

- Dr. Bibhuti Bhusan Sahoo, Deputy Librarian, IIT Bhubaneswar
- Dr. Sambhunath Sahoo, Assistant Librarian, IIT Bhubaneswar

# Report on OSLMS - 2025

## Day 1: 09-06-2025

### Invited Talk:

Prof. Manoranjan Satapathy, IIT Bhubaneswar, commenced the session with an insightful talk on “Library Automation in an Expanding World.” His presentation delved into the transformative impact of automation technologies on modern libraries, highlighting how open-source solutions are pivotal in addressing evolving user needs and ensuring efficient resource management in today’s digital-first environment.

Technical Sessions I to III: Laid the groundwork for the training program by covering Linux Basics and Hands-on Practice with Linux Commands, followed by Koha Installation and Administration, including Email Configuration. These sessions equipped participants with the foundational skills necessary for effectively managing open-source library systems. The sessions were taken by Dr. Bibhuti Bhusan Sahoo and Dr. Sambhunath Sahoo, whose combined expertise provided valuable insights and practical knowledge to the participants.

## Day 2: 10-06-2025

Technical Sessions IV to VII: Focused on key functional modules of Koha, covering topics such as Acquisition (Vendor, Budget, Fund, and Currencies), Cataloguing, Patrons, Circulation, Serials and ERMS. These sessions aimed to strengthen participants’ hands-on understanding of core Koha features essential for effective library management. The sessions were taken by Mr. Hemanta Biswal, who guided participants through hands-on demonstrations and practical exercises to reinforce their learning.

### Invited Talk:

Dr. Debi Prosad Dogra, Associate Professor, IIT Bhubaneswar, delivered an insightful talk on “AI and its Applications in open-source Development.” His session shed light on the transformative role of Artificial Intelligence in enhancing the capabilities, efficiency, and innovation within open-source platforms, inspiring participants to explore AI-driven solutions in library and information systems.

## Day 3: 11-06-2025

Technical Sessions VIII to XI: Included topics on Data Migration: Excel to MARC Conversion, Koha Lists, Koha Tools, Export/Import of Data, OPAC Customization & Content Management, Plugins, New Arrival Display, Koha Reports, Database Backup & Restore, and Koha Networking. These sessions were designed to enhance participants’ technical proficiency in managing and customizing Koha for efficient library services. These sessions were taken by Dr. Sambhunath Sahoo, who shared his expertise through practical demonstrations and interactive discussions.

### Invited Talk:

Dr. Naresh Chandra Sahu delivered an inspiring talk on "Cultivating a Culture of Reading: Promoting Life-long Learning through Books." He emphasized the critical role of reading in personal and professional growth, citing examples of renowned individuals from across the globe who have embraced reading as a lifelong habit. Challenging the audience with the thought-provoking question, "If they can practice it, why can't we?", Dr. Sahu encouraged all participants to explore more, read more, and commit to continuous learning.

## Report on OSLMS - 2025

### Day 4: 12-06-2025

Technical Sessions XII to XVI: Focused on essential aspects of VuFind, including Basics, Installation, File System & Customization, Customization & Integration with Koha, and Administration. These sessions aimed to equip participants with practical knowledge for effectively implementing and managing VuFind as a discovery interface in library systems. These sessions were jointly taken by Shri Hemant Kumar Biswal and Dr. Sambhunath Sahoo, who offered valuable insights into both the technical and functional aspects of VuFind integration.

### Day 5: 13-06-2025

Technical Sessions XVII to XIX: Technical Sessions XVII to XIX of the training program covered a series of insightful and hands-on topics, including MARC Record Import into VuFind, Koha and DSpace Data Harvesting through OAI-PMH, VuFind Backup & Restore, System Upgradation, and VuFind Networking. These sessions were taken by Dr. Sambhunath Sahoo, who provided hands-on training and expert insights throughout.

A Quiz Competition was conducted as part of the training program to assess the participants' practical understanding of Koha and VuFind. The objective was to promote active engagement and critical thinking, encouraging participants to apply their learning effectively in real-world library automation scenarios. The competition was conducted by Dr. Sambhunath Sahoo, who guided the session with enthusiasm and ensured active involvement from all participants.



### Valedictory Session:



The valedictory session of the training program was graced by Dr. Naresh Chandra Sahu, Associate Professor, School of Humanities, Social Sciences & Management, and Dr. Sasidhar Kondaraju, Chairperson, Central Library. They appreciated the initiative of the Central Library to come forward to promote the open-source Movement.

# Report on OSLMS - 2025



## Post-Event Activities:

### Banner of the Event:

This training program successfully equipped participants with practical skills essential for implementing and managing library automation using Koha, as well as for developing and integrating VuFind as a discovery interface to enhance user access and experience in modern library systems.



### Program Schedule of the Event:

|  <b>Five Days Training Program on<br/>Open Source Library Management Software (OSLMS-2025)<br/>(Koha &amp; VuFind)</b>  |   |   |  |   |                                  |  |                                  |   |
|---|---|---|--|---|----------------------------------|--|----------------------------------|---|
| Time/Day  | 9:30-10:30  | 10:45 - 11:45   | 11:45 - 12:00  | 12:00 - 1:00  | 1:00 - 2:00                      | 2:00 - 3:45  | 3:45 - 4:00                      | 4:00 - 5:30   |
| <b>Day 1</b><br>09.06.25  | Registration & Inauguration   | Invited Talk<br>(Library Automation in an Expanding World)          | <b>B<br/>R<br/>E<br/>A<br/>K</b>   | Technical Session - I<br>(Linux Basics and Hands-on with Linux Commands)                                    | <b>L<br/>U<br/>N<br/>C<br/>H</b> | Technical Session - II<br>(Koha Installation and Administration)                                       | <b>B<br/>R<br/>E<br/>A<br/>K</b> | Technical Session - III<br>(Koha Administration, Email Configuration)                     |
| <b>Day 2</b><br>10.06.25  | Technical Session - IV<br>(Koha Acquisition: Vendor, Budget, Fund, Currencies)                  | Technical Session - V<br>(Koha Acquisition)                         |  | Technical Session - VI<br>(Koha Cataloguing, Koha Lists)  |                                  | Technical Session - VII<br>(Koha Patrons, Koha Circulation, Koha Tools)                                |                                  | Invited Talk<br>(AI and its Applications on Open Source Development)                      |
| <b>Day 3</b><br>11.06.25  | Technical Session - VIII<br>(Data Migration: Excel to MARC Conversion, Koha Serials, Koha ERMS) | Technical Session - IX<br>(Data Migration: Export/Import)           |  | Invited Talk<br>(Cultivating a Culture of Reading: Promoting Life-long Learning through Books)              |                                  | Technical Session - X<br>(Koha OPAC: Customization & Content Management, Plugins, New Arrival Display) |                                  | Technical Session - XI<br>(Koha Reports, Koha Database Backup & Restore, Koha Networking) |
| <b>Day 4</b><br>12.06.25  | Technical Session - XII<br>(VuFind Basics, VuFind Installation)                                 | Technical Session - XIII<br>(VuFind File System & Customization)    |  | Technical Session - XIV<br>(VuFind Customization)   |                                  | Technical Session - XV<br>(VuFind Customization & Integration with Koha)                               |                                  | Technical Session - XVI<br>(VuFind Administration)  |
| <b>Day 5</b><br>13.06.25  | Technical Session - XVII<br>(MARC Record Import into VuFind)                                    | Technical Session - XVIII<br>(Koha Data Harvesting through OAI-PMH) |  | Technical Session - XIX<br>(VuFind Backup & Restore, Upgradation, VuFind Networking) (Q&A on Koha & VuFind) |                                  | Valedictory<br>(Feedback from Participants)  |                                  | Group Photography Session   |
| 1. Prof. Manoranjan Satapathy, Professor, CSE, IIT Bhubaneswar<br>2. Dr. Naresh Chandra Sahu, Associate Professor, SHSSM, IIT Bhubaneswar<br>3. Dr. Debi Prosad Dogra, Associate Professor, CSE, IIT Bhubaneswar  |   |   | 4. Mr. Hemanta Kumar Biswal, Assistant Librarian, IIT Kharagpur<br>5. Dr. Bibhuti Bhusan Sahoo, Deputy Librarian, IIT Bhubaneswar<br>6. Dr. Sambhunath Sahoo, Assistant Librarian, IIT Bhubaneswar |   |                                  |  |                                  |   |

### Group Photo of the Event with OSLMS T-Shirt:



## Report on OSLMS - 2025

### Participants List:

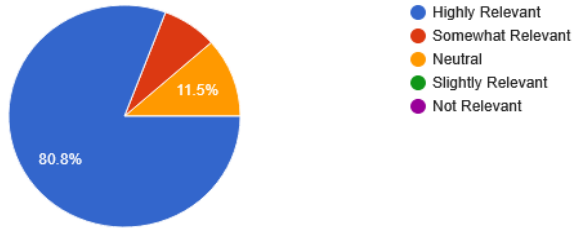
| PARTICIPANTS LIST |                                   |        |                                    |   |
|-------------------|-----------------------------------|--------|------------------------------------|---|
| S. No.            | Name                              | Gender | Designation                        | Affiliation   |
| 1                 | Ms. Sangita Nayak                 | Female | Librarian                          | Ganapati Institute of Engineering and Technology, Cuttack     |
| 2                 | Dr. Abdul Azeez                   | Male   | Associate Professor (In-Charge)    | National Institute of Unani Medicine, Bengaluru               |
| 3                 | Ms. Subhashree Priyadarsini Nayak | Female | PGT-Computer                       | IGNOU, New Delhi  |
| 4                 | Mr. Ehtesham Ahmed                | Male   | Librarian                          | National Institute of Unani Medicine Bangalore                |
| 5                 | Dr. Archana Behura                | Female | Librarian                          | Trident Academic of Technology, Bhubaneswar                   |
| 6                 | Mrs. Mahananda Das                | Female | Assistant Librarian                | Trident Academic of Technology, Bhubaneswar                   |
| 7                 | Mr. Premananda Mohanty            | Male   | Assistant Librarian                | Trident Academic of Technology, Bhubaneswar                   |
| 8                 | Mr. Mantosh Kumar Gope            | Male   | Librarian                          | Government polytechnic simdega                                |
| 9                 | Ms. Architaben M Muchhadia        | Female | Sr. Library Information Assistant  | Indian Institute of Technology, Gandhinagar                   |
| 10                | Mr. Abhinav Sharma                | Male   | MLIS Student                       | Documentation Research and Training Centre, ISI Bangalore     |
| 11                | Dr. Jamil Ahmad                   | Male   | Assistant Professor                | National Institute of Unani Medicine, Ghaziabad               |
| 12                | Mr. Satyanarayan Tiwari           | Male   | Librarian                          | Govt College Bijuri, Anuppur (M.P.)                           |
| 13                | Mr. Anil Kumar Mishra             | Male   | Library Information Officer        | IIT Kanpur  |
| 14                | Mr. Kunjan Prasad Gupta           | Male   | Librarian                          | Govt. Girls College Waidhan Singrauli Madhya Pradesh          |
| 15                | Mr. Manoj Kumar Nayak             | Male   | Senior Technical Officer (Library) | ICAR-Central Rice Research Institute, Cuttack                 |
| 16                | Mr Sudhir Kumar Sahoo             | Male   | Library Assistant                  | Trident Academic of Technology, Bhubaneswar                   |
| 17                | Mr. Madhu E S                     | Male   | Junior Superintendent (KRC)        | Indian Institute of Technology Dharwad                        |
| 18                | Mr. Vinod Kumar Sharma            | Male   | Officer                            | S J V N L, Shimla   |
| 19                | Mr. Shyambali Kumar               | Male   | Librarian                          | Govt. College Jaithari, Anuppur(M.P.)                         |
| 20                | Mr. Mahendra, H B                 | Male   | Librarian                          | JSS Academy of Higher Education & Research, Mysuru, Karnataka |
| 21                | Dr. Sunil Shetty                  | Male   | Junior Library Information Officer | Indian Institute of Technology Jammu                          |
| 22                | Mr. Mukesh Behera                 | Male   | Junior Library Information Officer | Indian Institute of Technology Jammu                          |
| 23                | Mr. Dinesh Murmu                  | Male   | Librarian                          | Holy family school, barharwa, jharkhand                       |
| 24                | Mr. Satyajit Nayak                | Male   | Technical Assistant                | CSIR-Central Road Research Institute                          |
| 25                | Mr. Manu Kumar, K M               | Male   | Librarian                          | JSS Academy of Higher Education & Research Mysuru, Karnataka  |
| 26                | Mr. Saurabh Sharma                | Male   | Library and Information Assistant  | Archaeological Survey of India                                |
| 27                | Mr. Mahesh Chand Meena            | Male   | Library Inforamation Officer       | Archaeological Survey of India                                |

# Report on OSLMS - 2025

## Feedback from Participants:

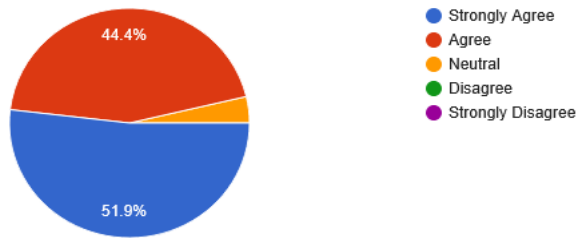
How relevant was the workshop content to your work ?

26 responses



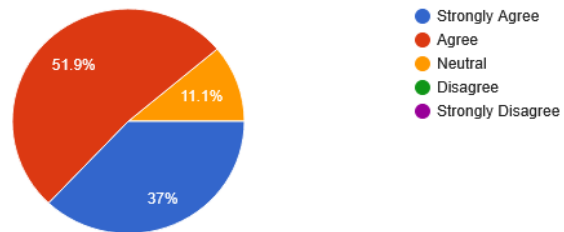
Were the depth and clarity of technical sessions on Koha achieved ?

27 responses



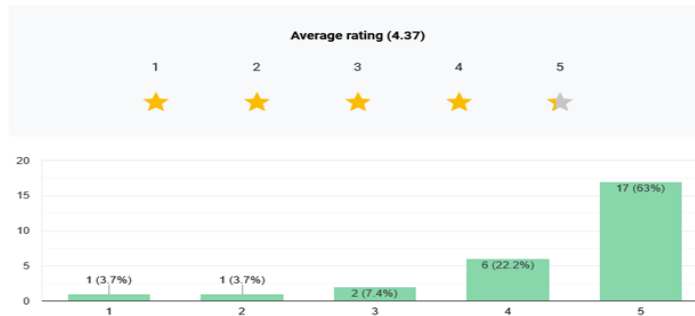
Were the depth and clarity of technical sessions on VuFind achieved ?

27 responses

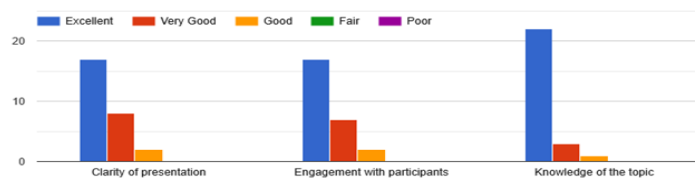


Quality of hands-on/practical sessions on Koha & VuFind

27 responses



How would you rate the demonstrator (s) in terms of

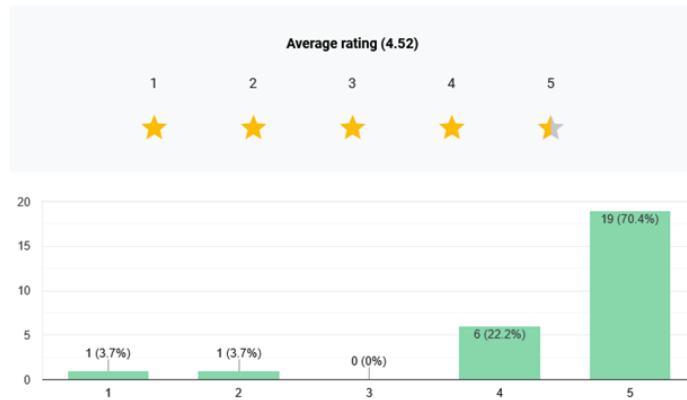




# Report on OSLMS - 2025

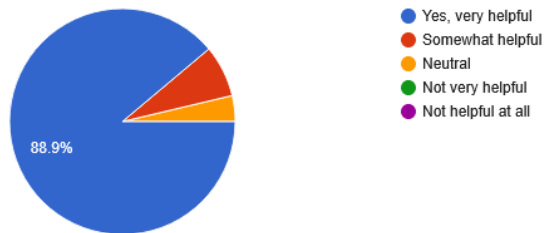
Quality of training materials provided

27 responses



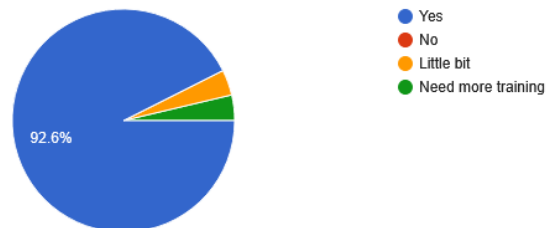
Were the tools, techniques, discussed on Koha & VuFind helpful ?

27 responses



Do you feel more confident managing Koha and VuFind after attending this workshop ?

27 responses



What would you rate the workshop overall?

27 responses

