

Training on
Library Automation and Digitization Software 'SLiMS' and 'RFID'

Organized by **BIIM, BALID**
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Senayan Library Management System (SLiMS):

SLiMS is open source integrated library management software originally developed in **Indonesia** with a variety of developers from the different parts of the world including **Bangladesh**. The software was awarded in the category of Open Source by **Indonesian ICT Award - 2009**. Since, SLiMS-BD Country Coordinator works with the SLiMS Developers Community (SDC), importance on Bangla language is applied on the system. Since SLiMS is developed based on **Unicode**, it completely supports **Bangla** input. On the other hand, it has built-in feature of Digital Library and Institutional Repository feature. As a result, no other software is required in the library.

The salient features of SLiMS are as follows:

- **A complete library management software**
- Absolutely **free and open source software** licensed under GNU GPL version 3.
- Integrated **Digital Library** feature and built-in **Institutional Repository** functionality
- Supports **Audio-Video Streaming**
- Variety of **access control** over digital contents
- Supports **Bangla language** and **Bangla Searching** with **Bangla interface (First ever)**
- Completely **Web-Based** system, works on both **Intranet and Internet**
- Runs on almost every operating system like **Windows, Linux, MAC** and etc.
- Easy to customize to fit with your institution
- User oriented interface; easy to learn; easy to manage
- **Magazine and Journal** (Periodicals) management facility
- **User Login** and **Reservation** feature
- Integration with Popular CMS **Drupal** and **Wordpress**
- **Z39.50** and **Z39.50 SRU** search retrieval
- **AACR2** and **MARC21** compliant, **RDA** ready
- SLiMS Peer sites data exchange
- **Barcode** and **Label** printing facility
- **Member Card** printing facility
- **LDAP** authentication integration
- **Simple and Advance Search** facility
- **RSS** feedback
- Supports **XML** format for data exchange using standard metadata **MODS**
- **OAI-PMH** for data extraction
- **Social Media** integration
- **Changeable theme** for both user and admin
- Built in **mobile device** ready theme
- **Email Notification**
- Efficient **Fine** management
- **Stock Taking** management
- Variety of **Reports** generation
- **Activity Log** record
- **Visitor Counter**
- **IP** based access control
- Supports **Union Catalogue**
- Facility to use proxy server for searching different SLiMS database in a single interface
- **RFID** integration facility (Enterprise edition)
- Users can leave **comments** on the collection
- **Library personnel** page
- **Chat to Librarian** feature (From SLiMS 8 Akasia)
- Variety of **plugins** available from SLiMS user's community and etc.

Radio Frequency Identification (RFID) Based Library Management System:

Radio Frequency Identification (RFID) technology have dynamic role in the libraries for tracking resources and provide unique identification. This technology is used to automate library operation and services, namely, **check-in, check-out, sorting (shelf management), stock management and inventory control**. It also use to modernize the library management system and facilitate use of and access to library resources which significantly improve the quality of library services and enhance the quantity of using library resources for supporting higher study and research.

The **Radio Frequency Identification (RFID)** technology will allow auto identification of large numbers of tagged objects like books, reports, journals, magazines, CDs, DVDs etc. using radio waves that will enable faster traceability of library resources, increase its security and allow fast transactions of resources among the users.

Training Courses

| Senayan Library Management System (SLiMS) | |
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| Day 1 | |
| | Introduction to SLiMS |
| | Introduction to Server Systems |
| | Installing Mozilla Firefox, Google Chrome, Foxit Reader, Notepad++, Avro, Bijoy |
| | Introduction to xampp and installation |
| | Installing SLiMS 7 Cendana on xampp |
| | Setting site name and slogan/sub-name |
| | Basic configuration in system |
| | Installing and changing theme for opac |
| | Library information change in opac |
| | Changing opac background pictures |
| | Changing webicon |
| | Introduction to sysconfig.inc.php |
| | Configuring backup from admin interface |
| | Adding new bibliography with items including Bangla books |
| | Uploading pdf files |
| | Uploading multimedia files with streaming |
| Day 2 | |
| | Introduction to Master File |
| | Configuring upload limitation in file size |
| | Configuring and installing yaz for z39.50 |
| | Enabling marc import |
| | Z39.50 search, data retrieval & adding to bibliography |
| | Marc import |
| | Data/item import and export in csv |
| | Label and barcode print |
| | Adding Periodicals in the System |
| | Managing periodicals from serial control |
| | Adding user group with access permission |
| | Adding members |
| | Adding System User Group with access permission |
| | Adding System Users |
| | Circulation System: issue and return documents |
| | Circulation System: Loan history and overdue notification |
| | Circulation System: Fine Management |
| | Reporting |

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| Day 3 | |
| | OPAC Searching System including Bangla Documents |
| | Member Login, reservation and others |
| | Visitor Counter |
| | Question and Answer Session |
| | Radio Frequency Identification (RFID) |
| | Introduction to RFID system |
| | Components of RFID system |
| | Selection criteria of RFID equipments |
| | Functions of RFID equipments |
| | Installation tools and conversion of data into RFID tag |
| | Practical Session |

*Windows based installation and training on SLiMS

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