3.1.1	The institution's Research facilities are frequently updated and there are well defined policy for promotion of research which is uploaded on the institutional website and implemented

Additional Information Modules of the ILMS – NewGenLib 3.3

The detailed technical features of the ILMS are as follows:

Functional modules are completely web-based. Uses **Java Web Start™** Technology

- o Compatibility - Complies with international metadata and interoperability standards: **MARC-21, MARC-XML, z39.50, SRU/W, OAI-PMH**
- o Uses chiefly **open source** components
- o Scalable, manageable and efficient
- o **OS independent** - Windows and Linux flavors available
- o **z39.50 Client** for **federated** searching
- o Internationalized application (I18N)
- o **Unicode 4.0** complaint
- o Easily extensible to **support other languages**
- o Data entry, storage, retrieval in any **(Unicode 4.0) language**
- o **RFID integration**
- o **Networking** – Hierarchical and Distributed networks
- o **Automated email/instant messaging** integrated into different functions of the software
- o Form letters are configurable and use **XML-based Open Office templates**
- o Extensive use of **set up parameters** enabling easy configuration of the software to suit specific needs, e.g., in defining patron privileges
- o **Supports multi-user** and multiple security levels
- o Allows digital attachments to metadata

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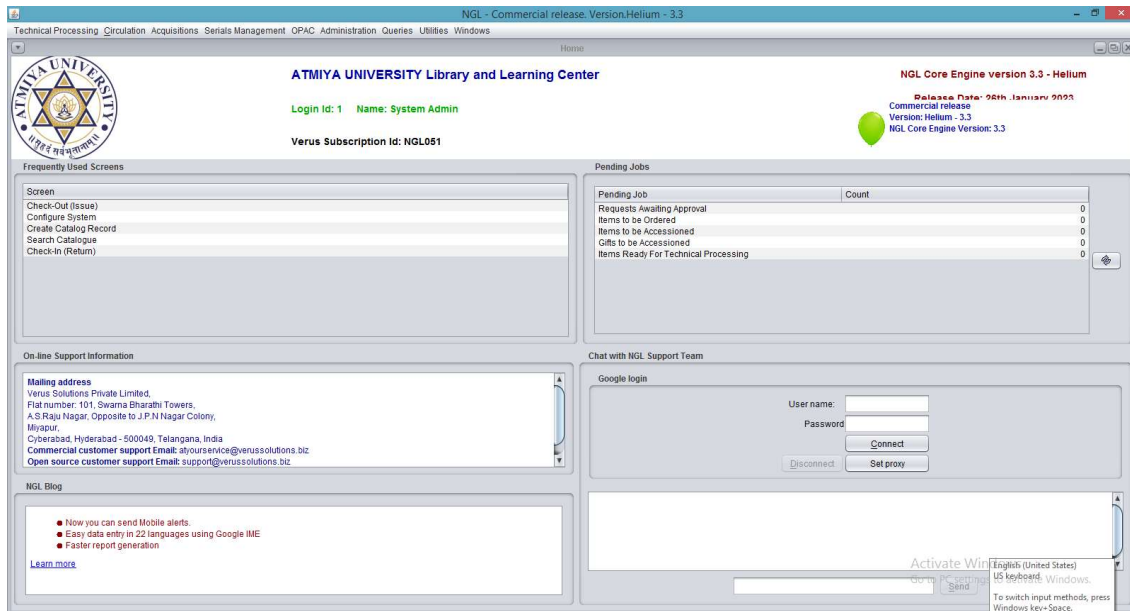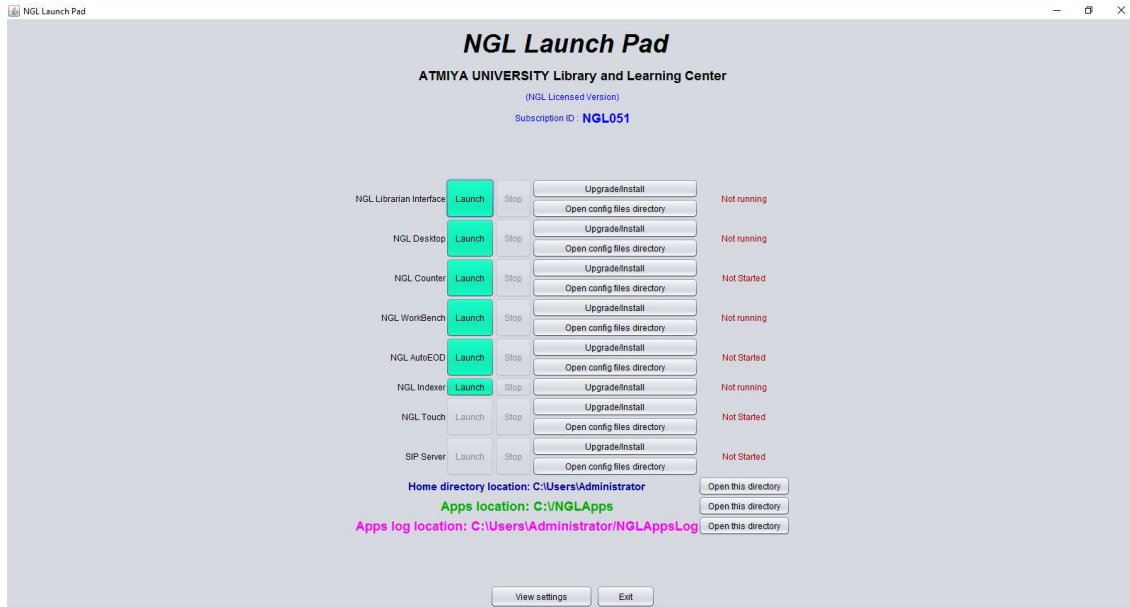
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Fig 1: The Home page of the ILMS

Technical Processing (Cataloguing)

Import Bibliographic data

- From other libraries' OPACs
- Primary or Original Cataloguing
  - Provides 3 different templates for Cataloguing: Simple, General and MARC21 Templates
  - Compliant to MARC21 for Bibliographic, Authority and Holdings Data
  - Supports all material types (By MARC21)

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- Open Archive support (OAI-PMH protocol compliant)
- Attach digital content along with catalogue record
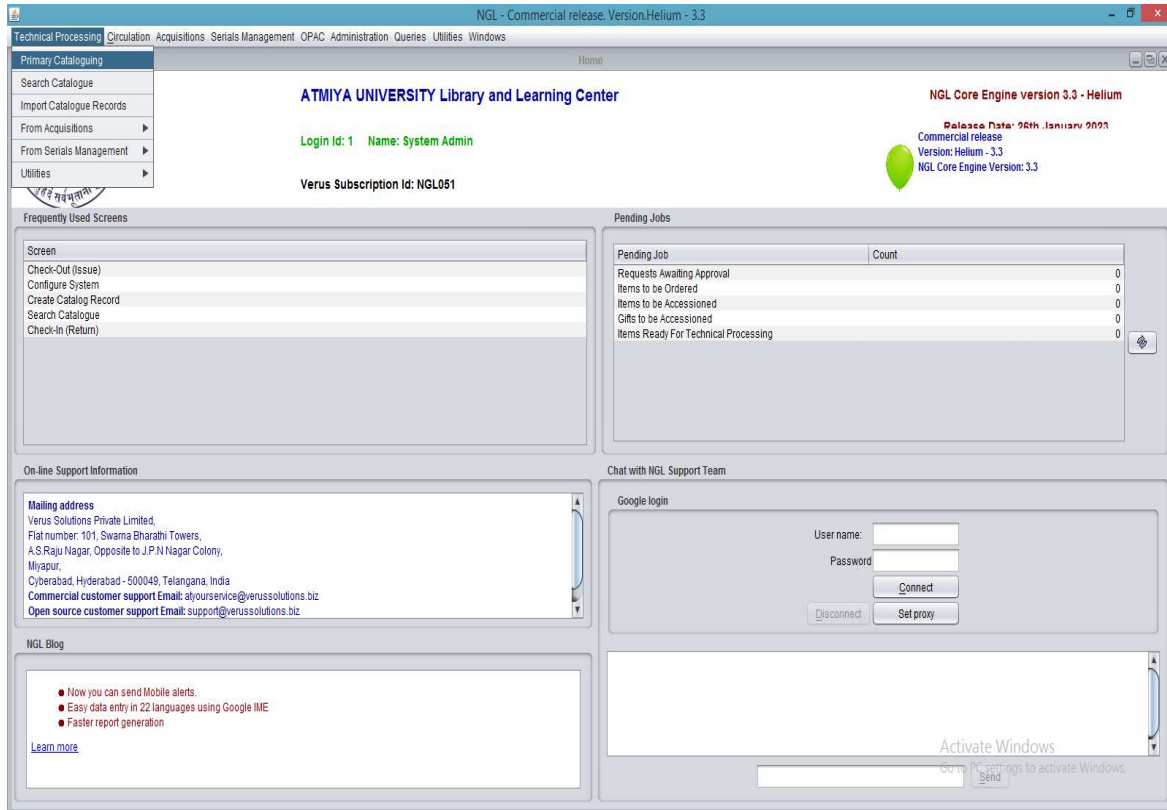- Customizable MARC21 templates and Search indexes

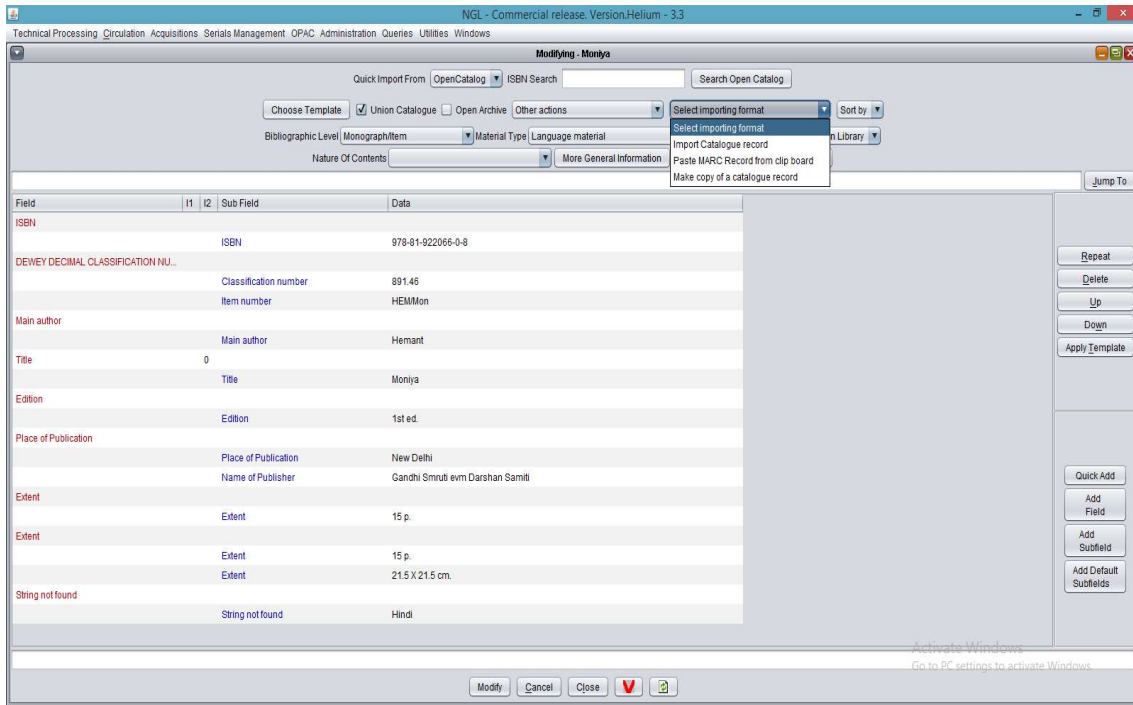*Fig 2: ILMS Technical Processing Menu*

Fig 3: ILMS Cataloguing Module

- Search catalogue
    - Search catalogue through various system defined Indexes
    - Library can also define custom indexes

- Cross walks available meta data standards like MODS 3.0 and Dublin Core
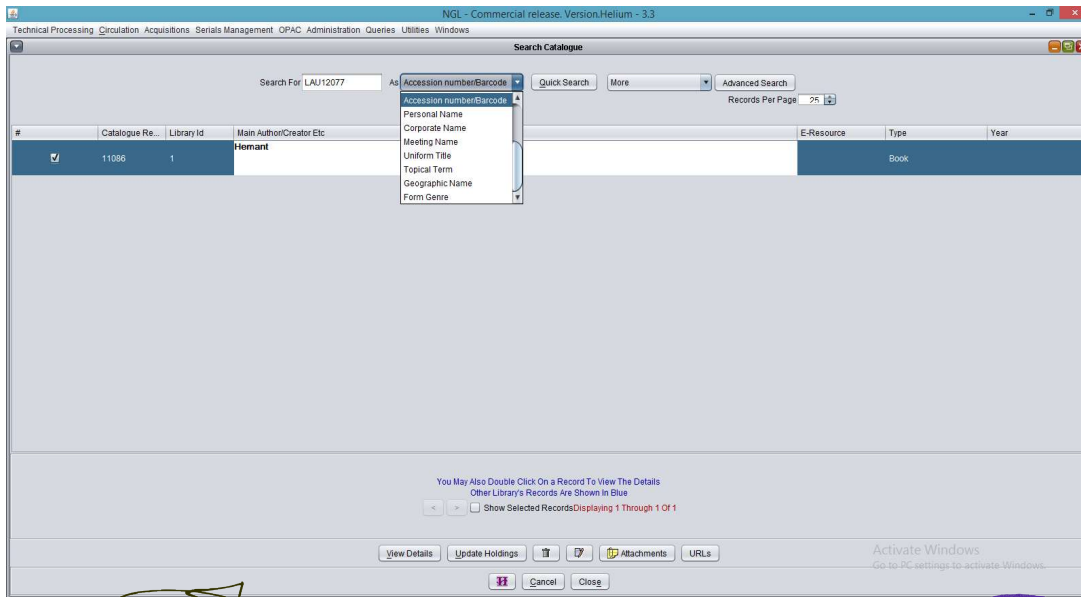- Technical Processing of items received through Acquisitions and Serials Management

Fig 4: ILMS Technical Processing Menu

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Circulation

- Check out (Issues)
- Check in (Returns)
- Reserve items
- Recall items on loan
- Renew items on loan
- Inter Library Loans management
- Process items lost
- Weed out process
- Binding management
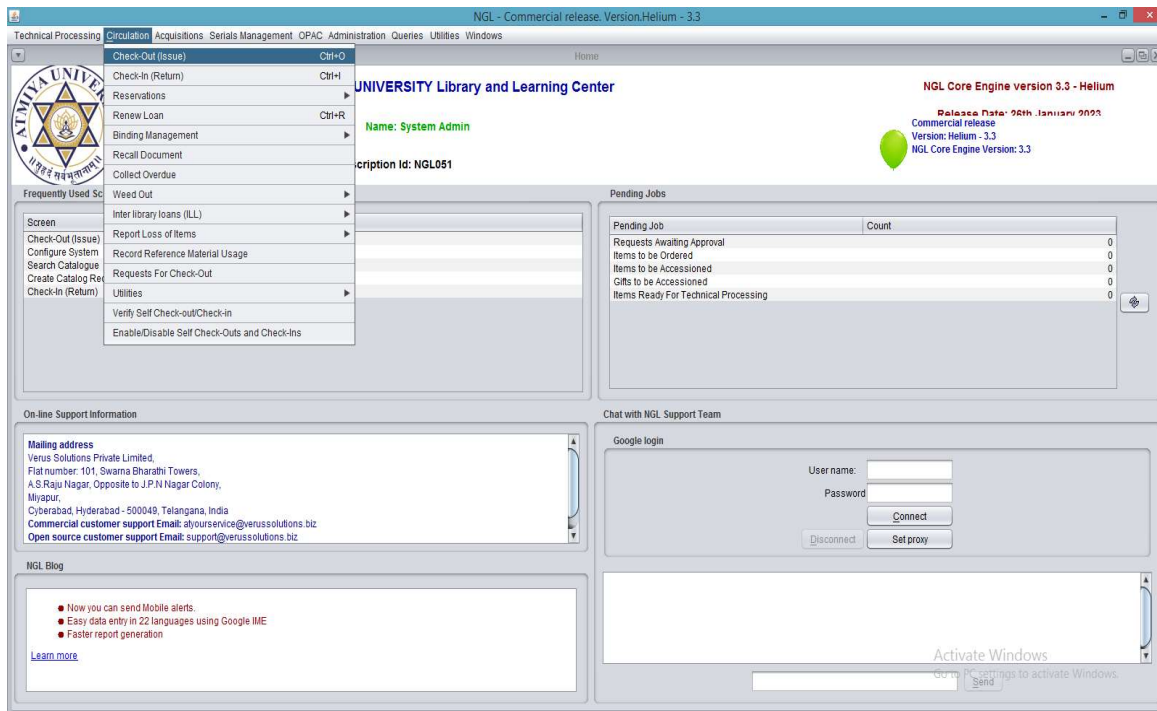- Automatic overdue notices and reminder for renewals
- Emails and SMS facility

Fig 5: ILMS Circulation System

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Acquisitions

- Request process (suggestions from users)
- Process On-approvals from Vendors
- Raise Orders
- Receive orders (Invoice and Item processing)
- Accession received items
- Process payments
- Budget management
- Record payment details
- Claims for items not supplied
- Solicited and Unsolicited gift processing
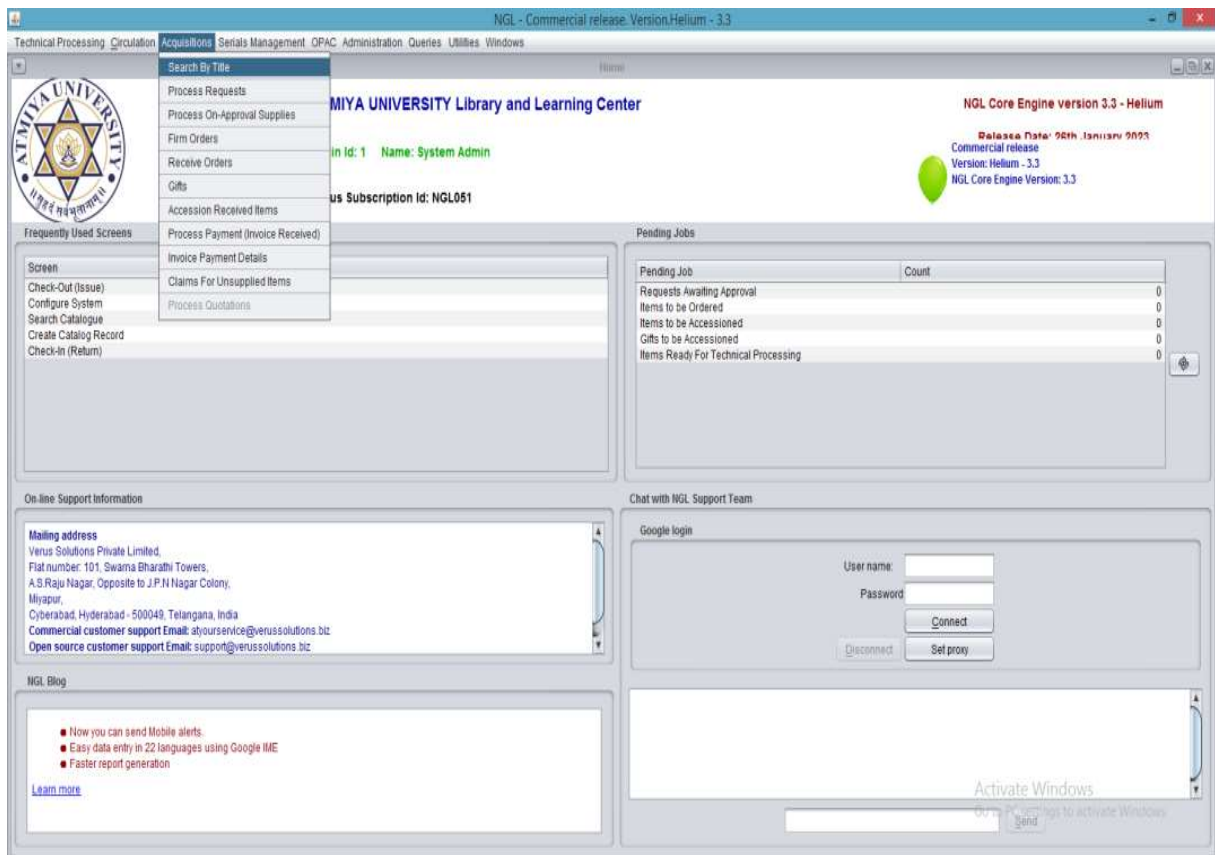- Quotation process (Request for quotations, Generate comparative statements)

Fig 6: ILMS Acquisition System

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Serials management

- Process subscription list
- Raise firm order
- Receive Invoice
- Register (Check-in) serial issues (manages even Combined issues, Supplement issues, Special issues, out-of-turn receipts, Indexes, Delayed issues, No longer available issues)
- Binding Management
  - Preparation of Logical lists and Physical lists
  - Raising binding orders
  - Accessioning Bound Volumes
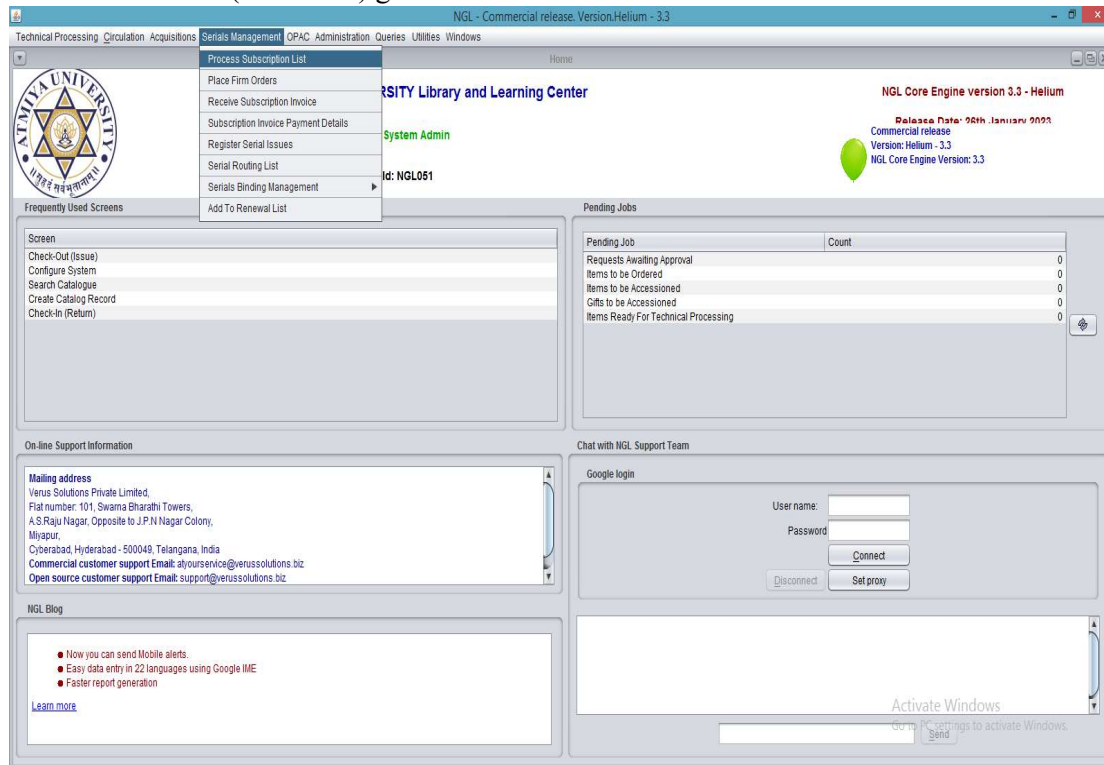- Auto-claim (Reminder) generation for 'Not received' issues

Fig: 7 ILMS Circulation System

Web OPAC

- Various types of searches
  - Free text (Google like search)
  - Basic
  - Advanced
  - Expert
- Reserve items on line and Cancel reservations on line
- Renew items on line
- View circulation transactions transacted and user privileges by the user on line
- Top stories (View headlines through RSS feeds configured)
- Define SDI (Selective Dissemination of Information) profile
- List of new arrivals
- Suggest new books to be acquired on line
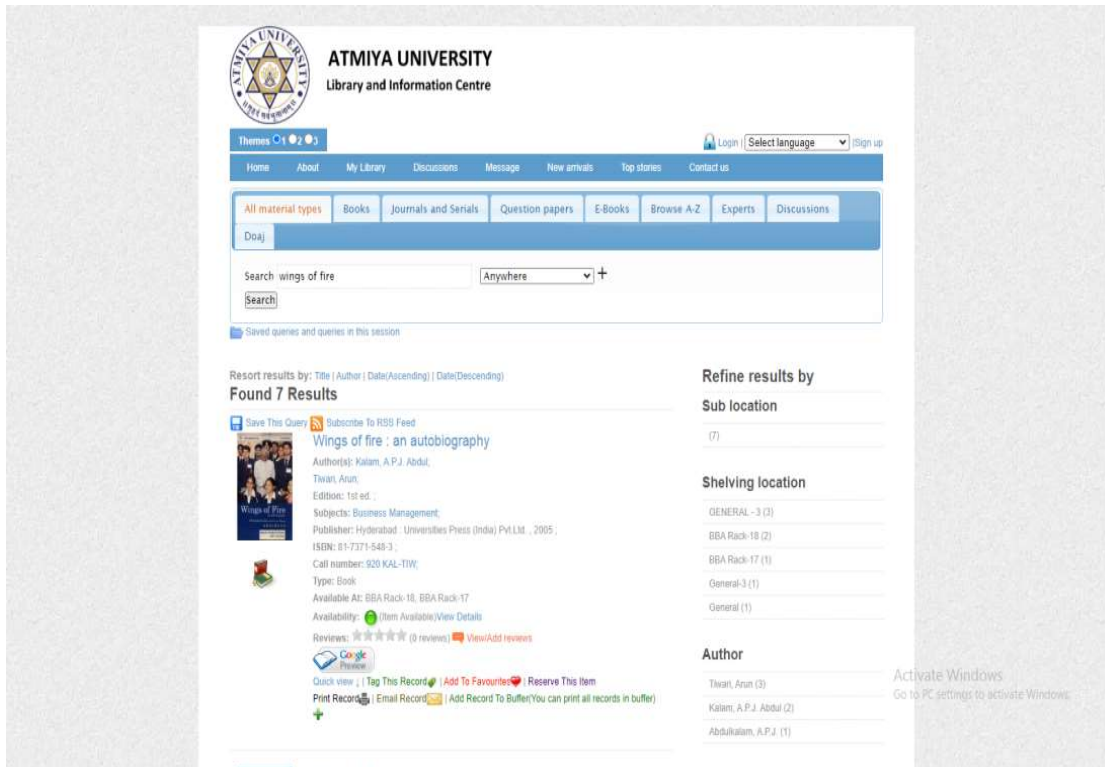- View special collections in the library.
- Supports Vufind OPAC system (http://www.vufind.org)
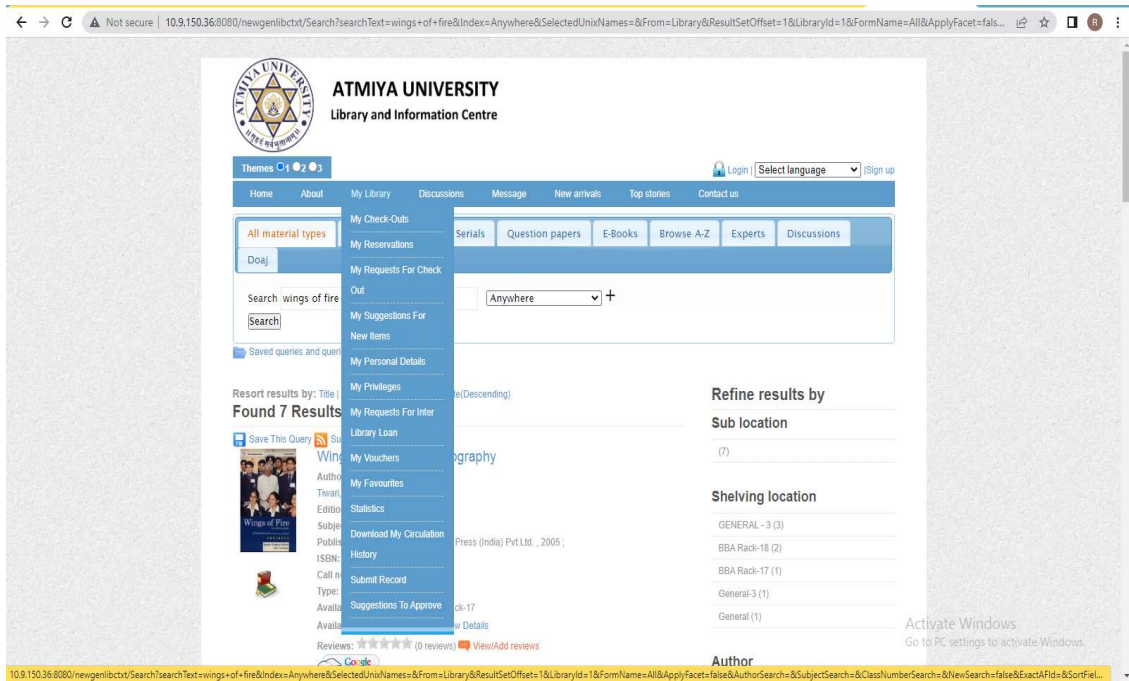
Fig 8: ILMS WebOPAC

Fig 9: ILMS WebOPAC features

Reports

- Acquisitions
  - Accession register
  - Budget expenditure
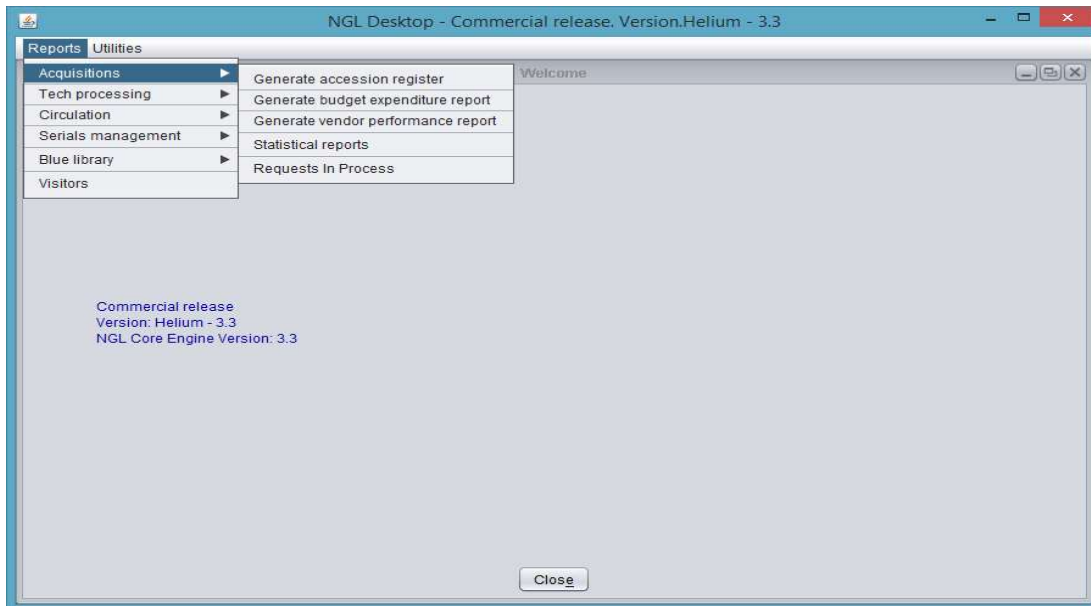 - vendor performance

Fig 10: ILMS Reports Modules

- Technical Processing
  - Customized list of titles
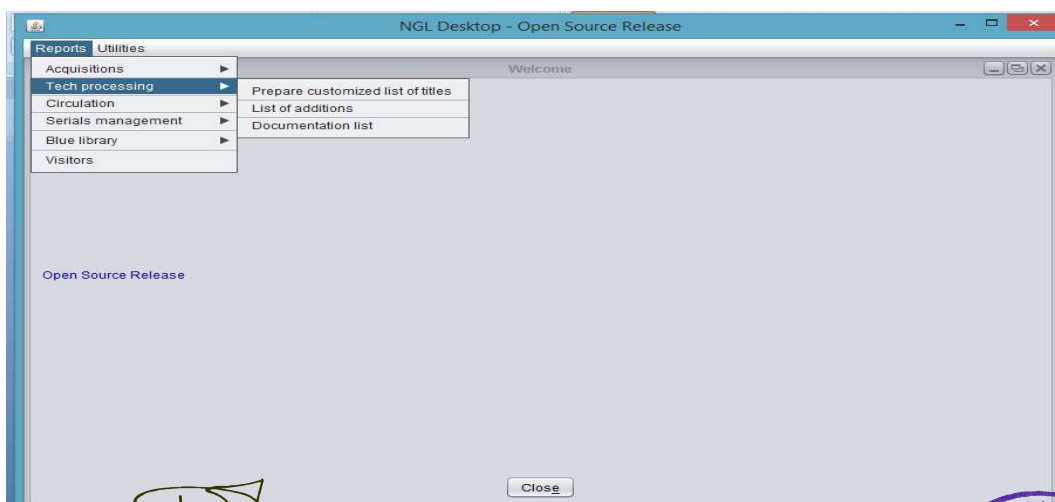 - List of new arrivals
  - Documentation list

Fig11: ILMS WebOPAC

- Circulation
  - o Stock verification
  - o Checked out material details
  - o Current reservations
  - o Detailed Circulation Transaction
  - o Overdue material
  - o Patron List (Users List)
  - o Items reported lost
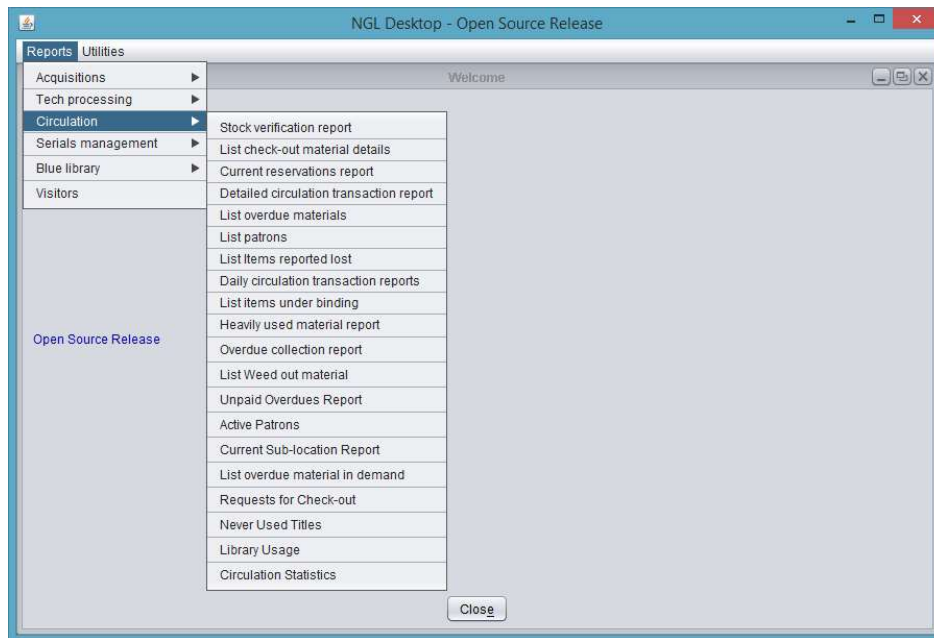 - o Daily Circulation Transaction
  - o Items under binding

Fig 12: ILMS Reports Circulation module

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- Serials management
    - Current subscriptions
    - Duplicate issues
    - Missing issues
    - Unfulfilled subscriptions
    - Current arrivals
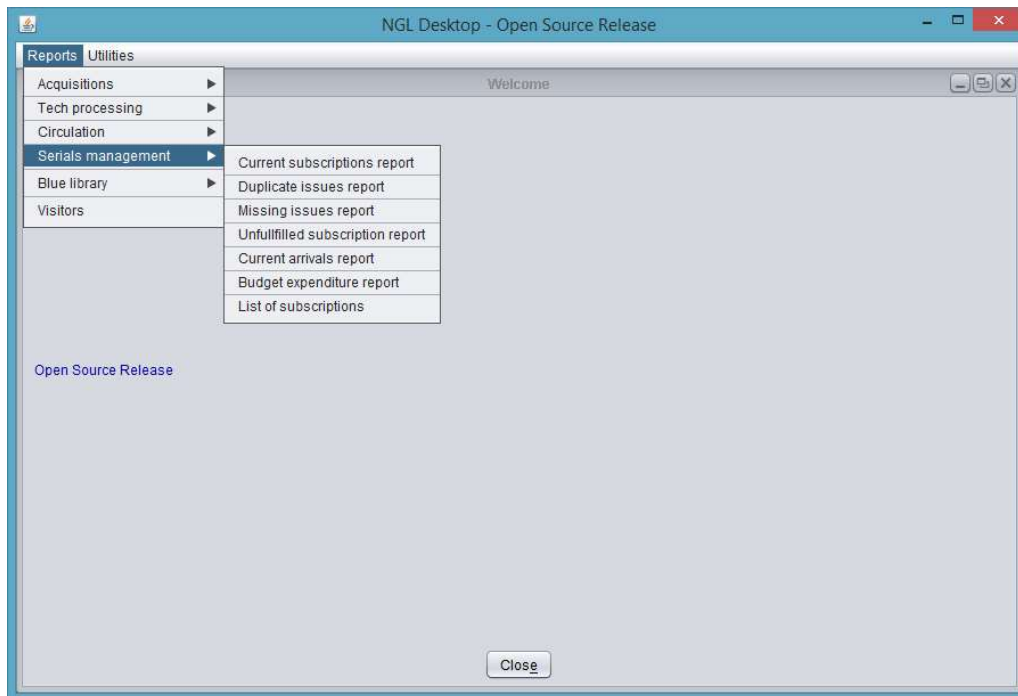   - Budget expenditure
    - List of subscriptions

Fig 13: ILMS Reports Serial Management module

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