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

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

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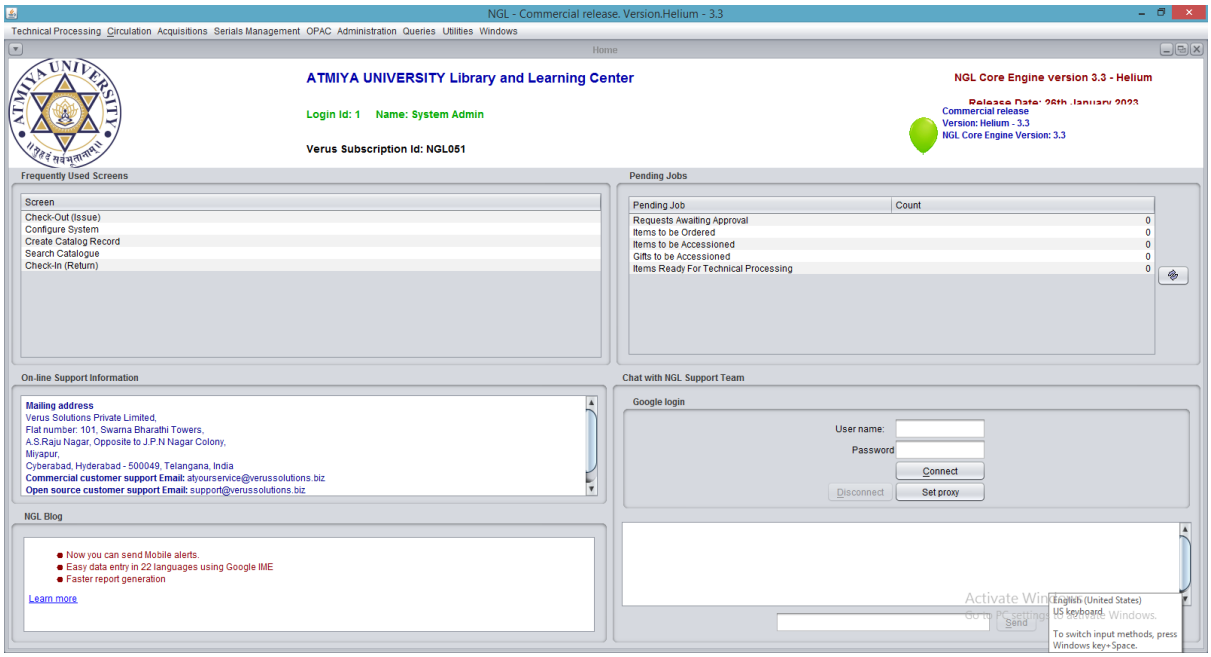

Fig 1: The Home page of the ILMS

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

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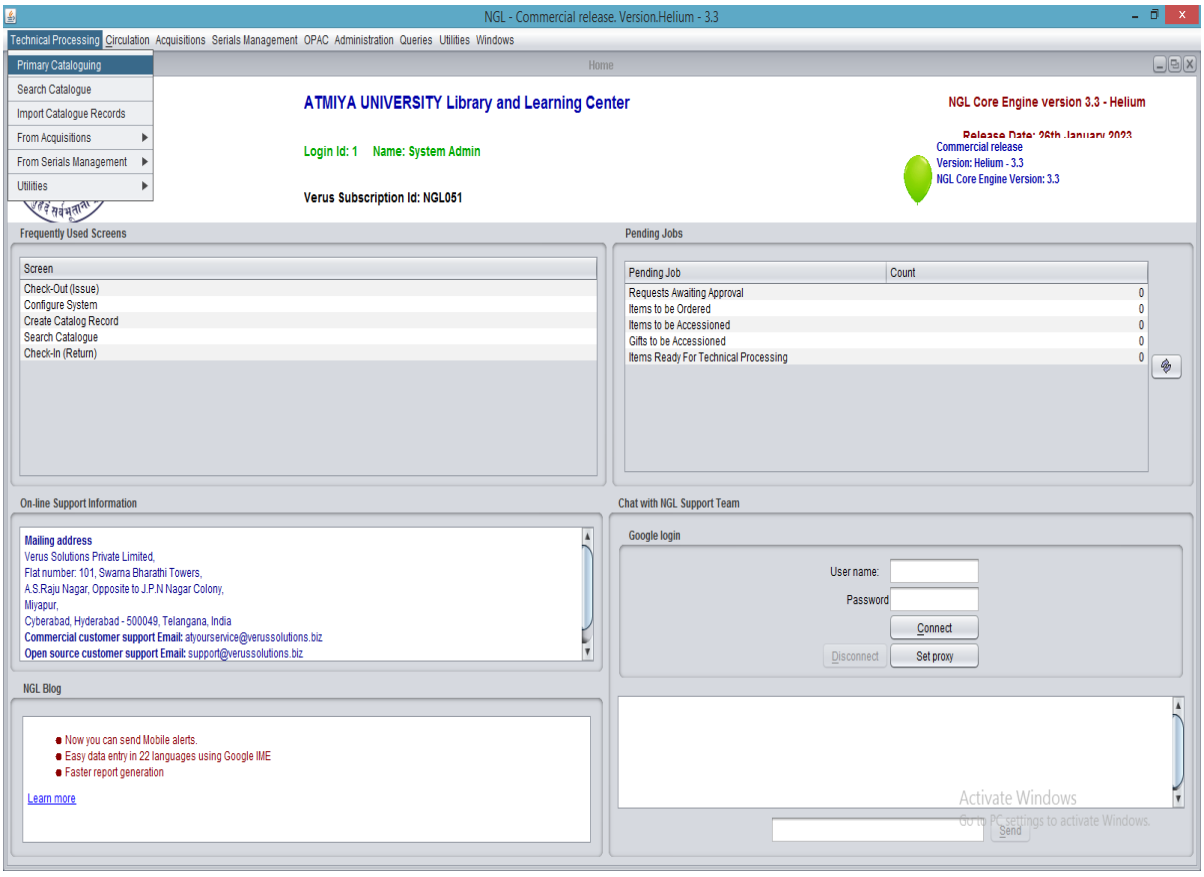

Fig 2: ILMS Technical Processing Menu

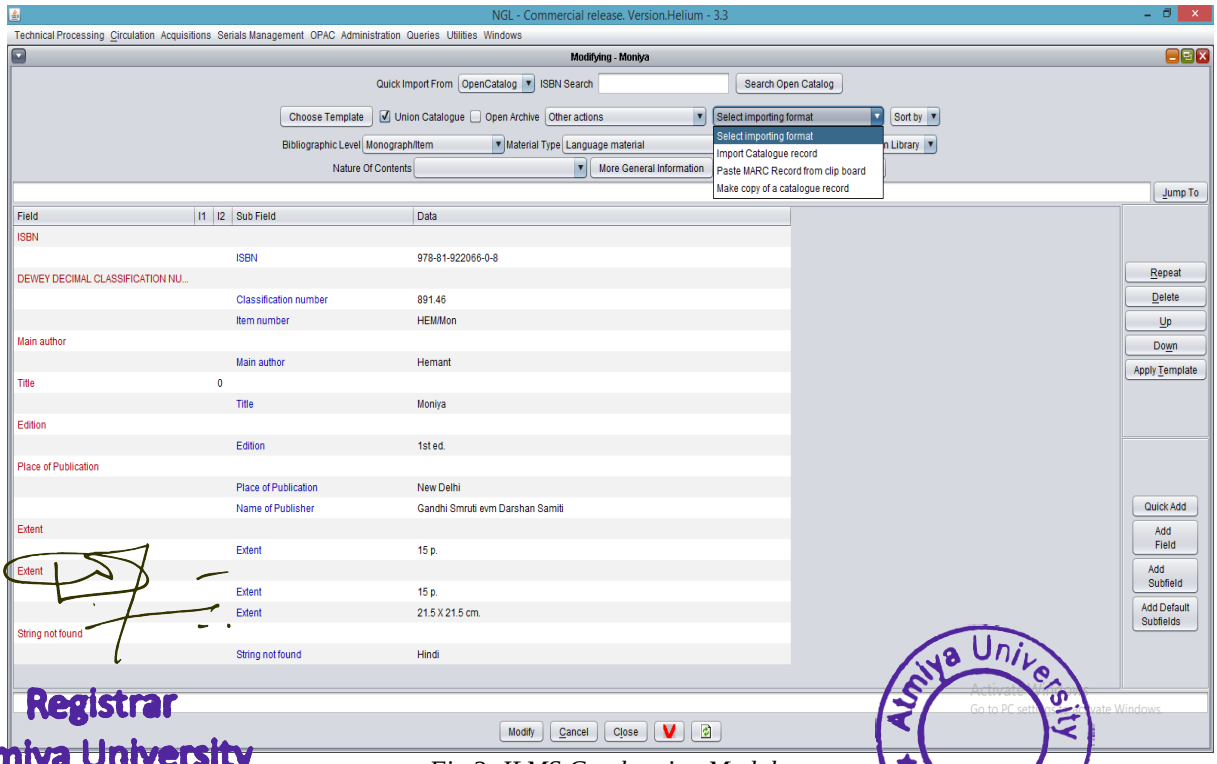

Fig 3: ILMS Cataloguing Module

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- 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

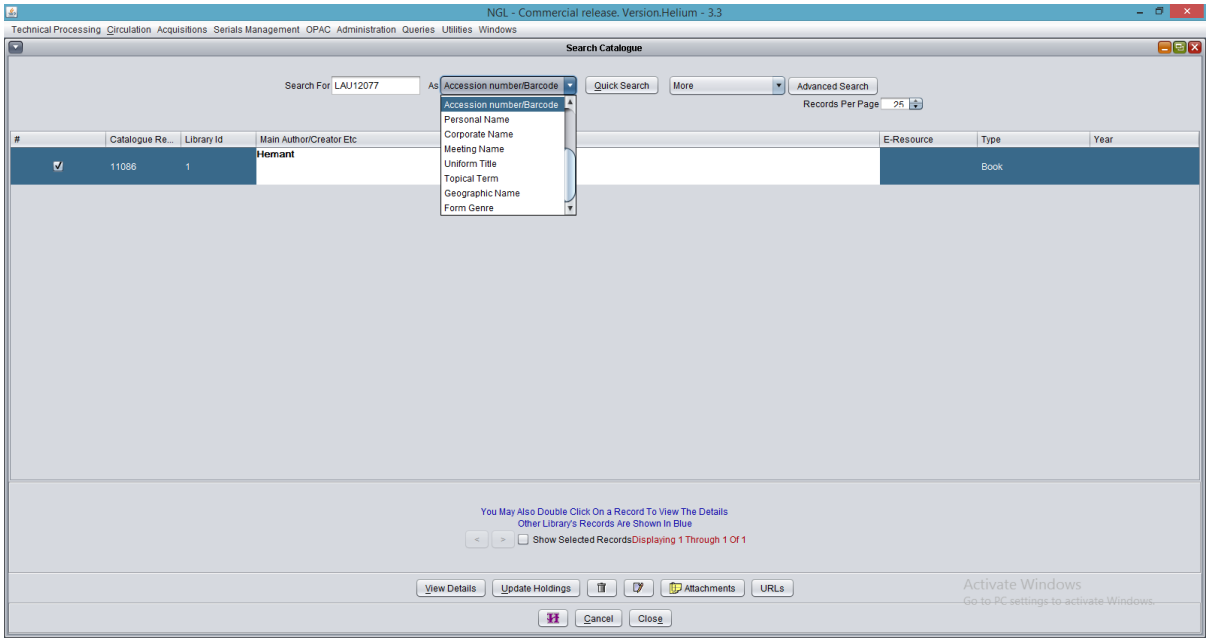

Fig 4: ILMS Technical Processing Menu

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

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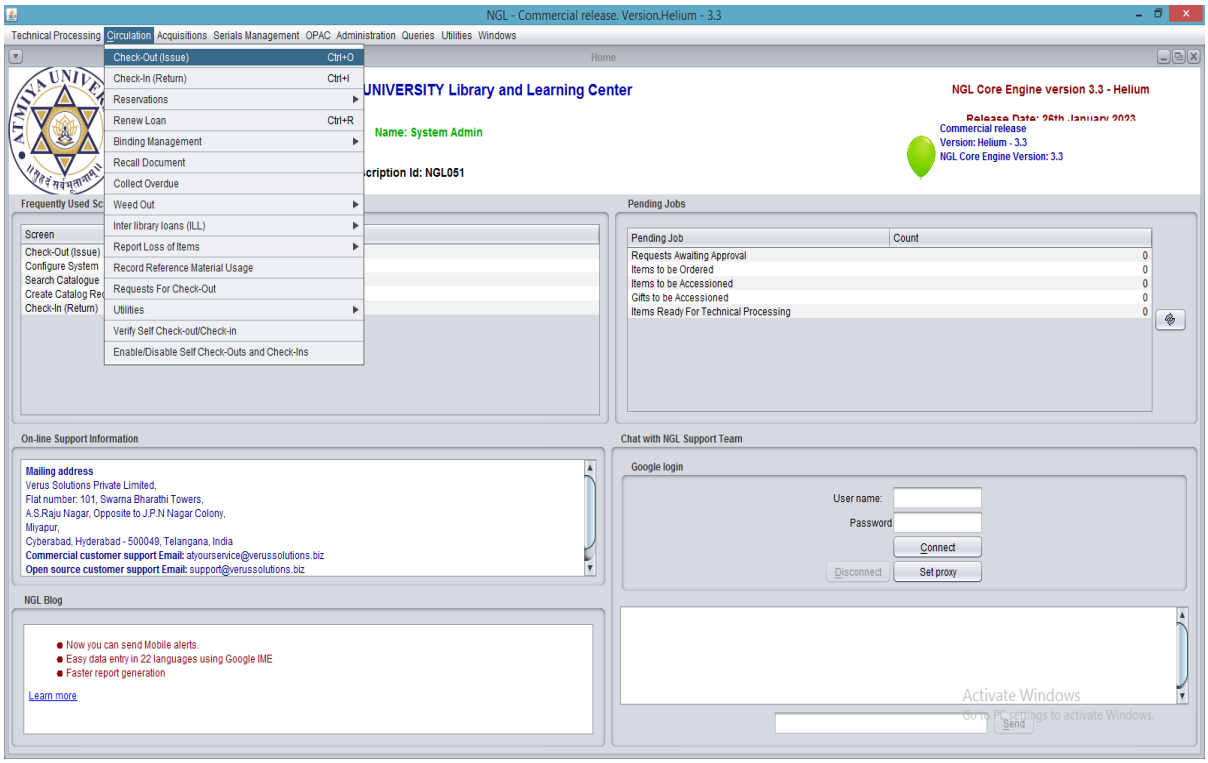

Fig 5: ILMS Circulation System

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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)

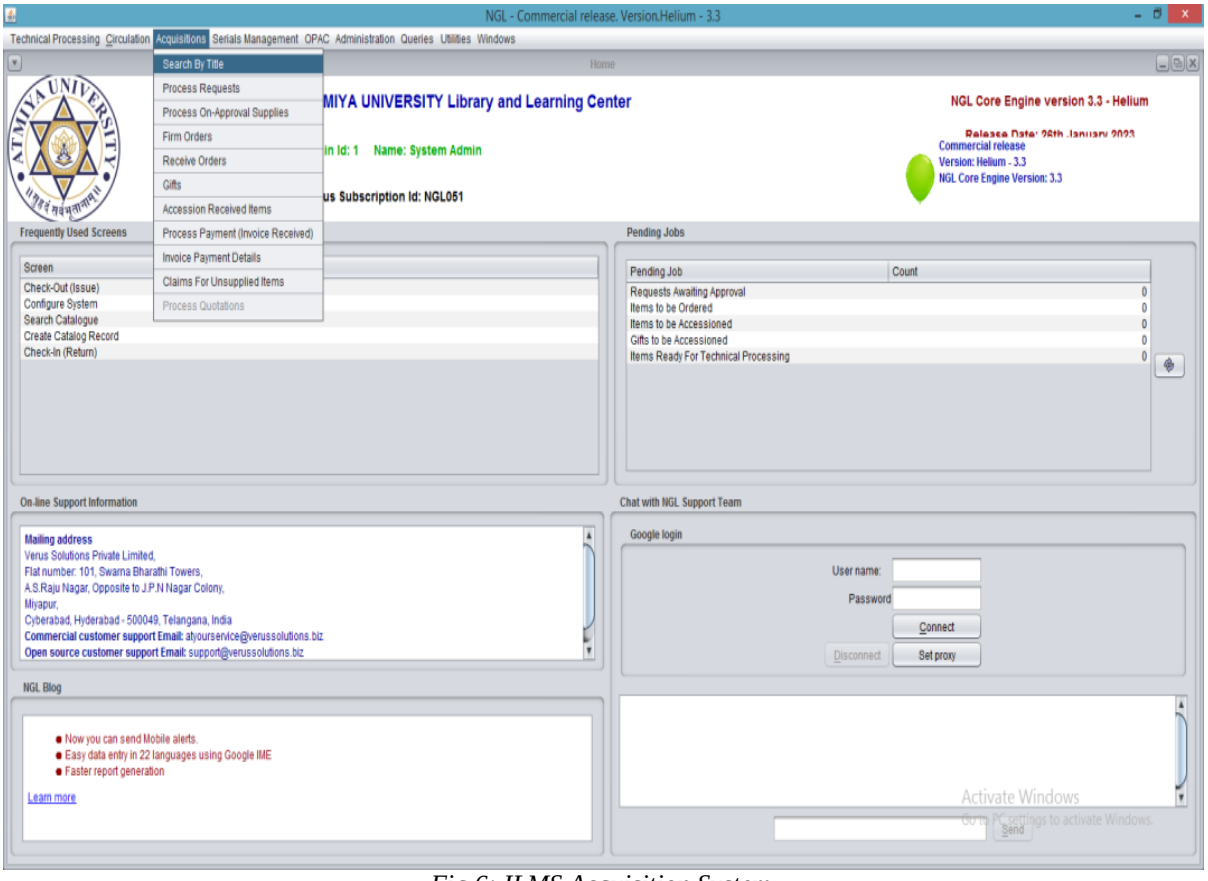

Fig 6: ILMS Acquisition System

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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

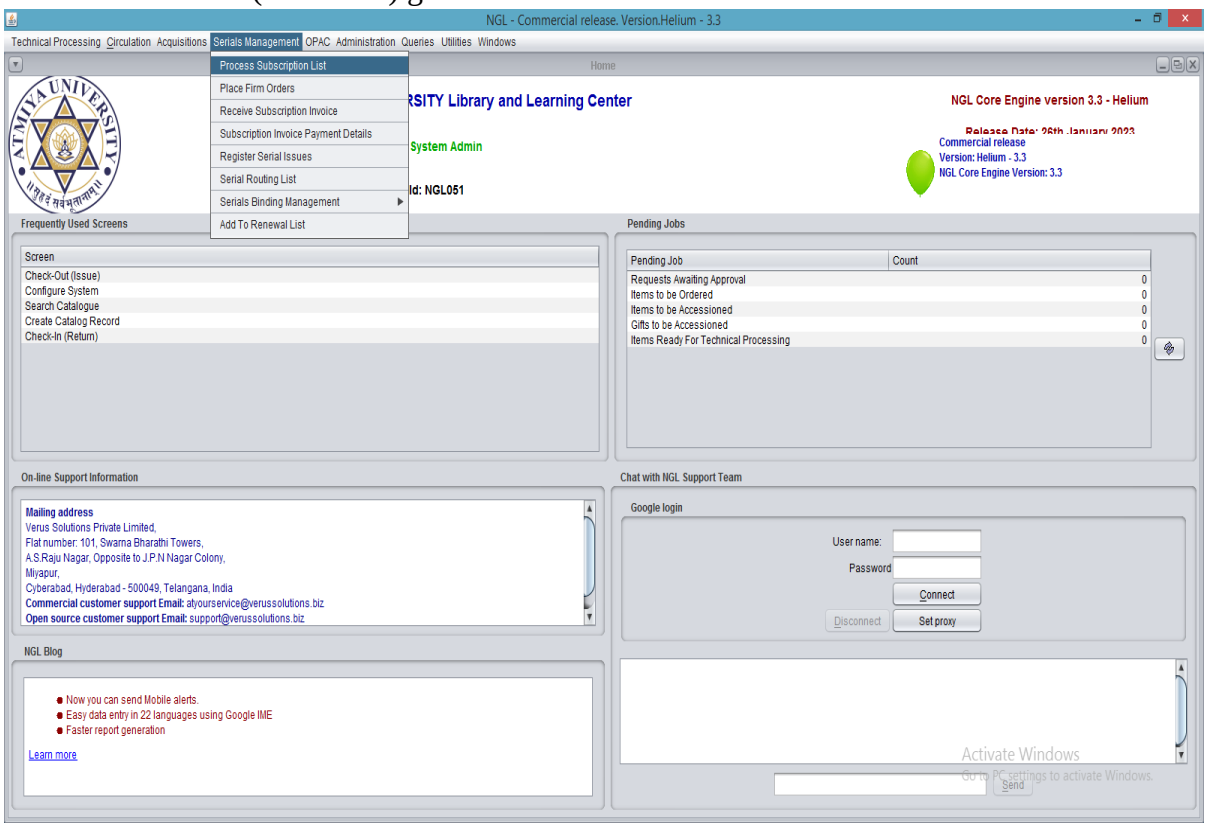

Fig: 7 ILMS Circulation System

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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)

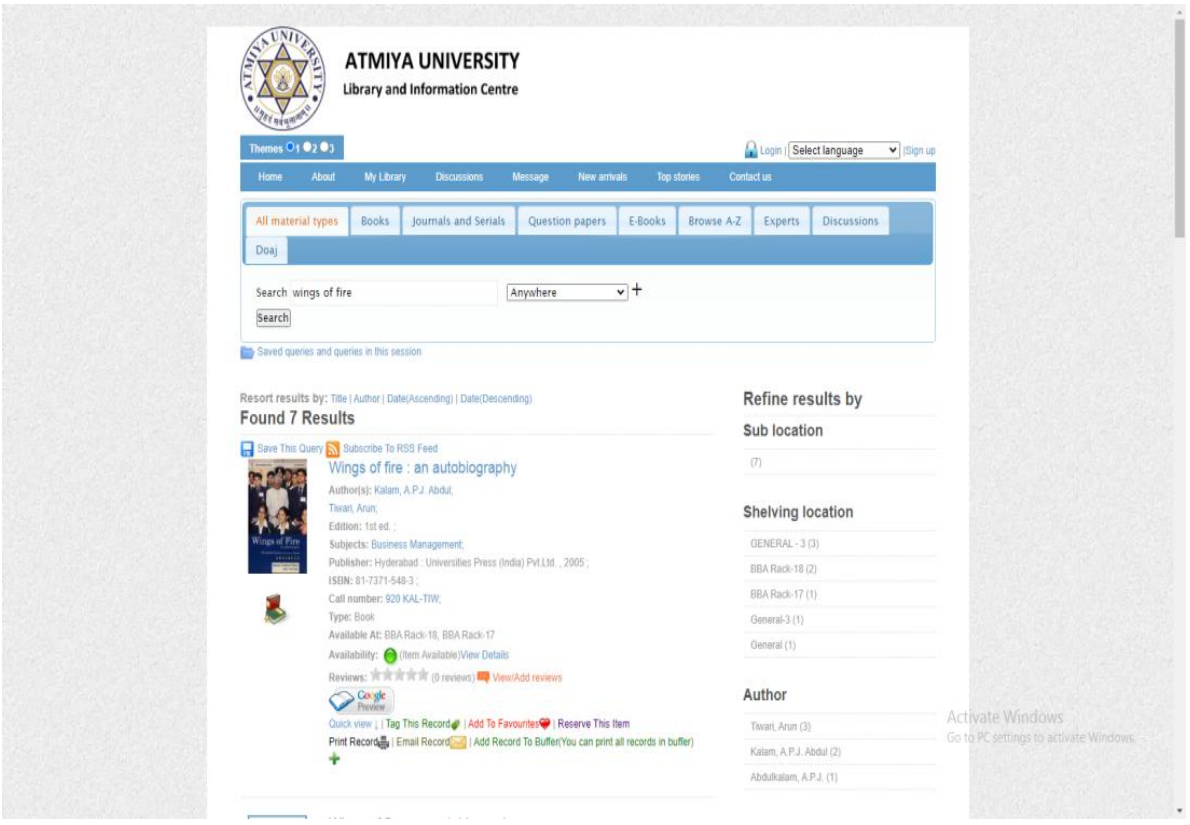

Fig 8: ILMS WebOPAC

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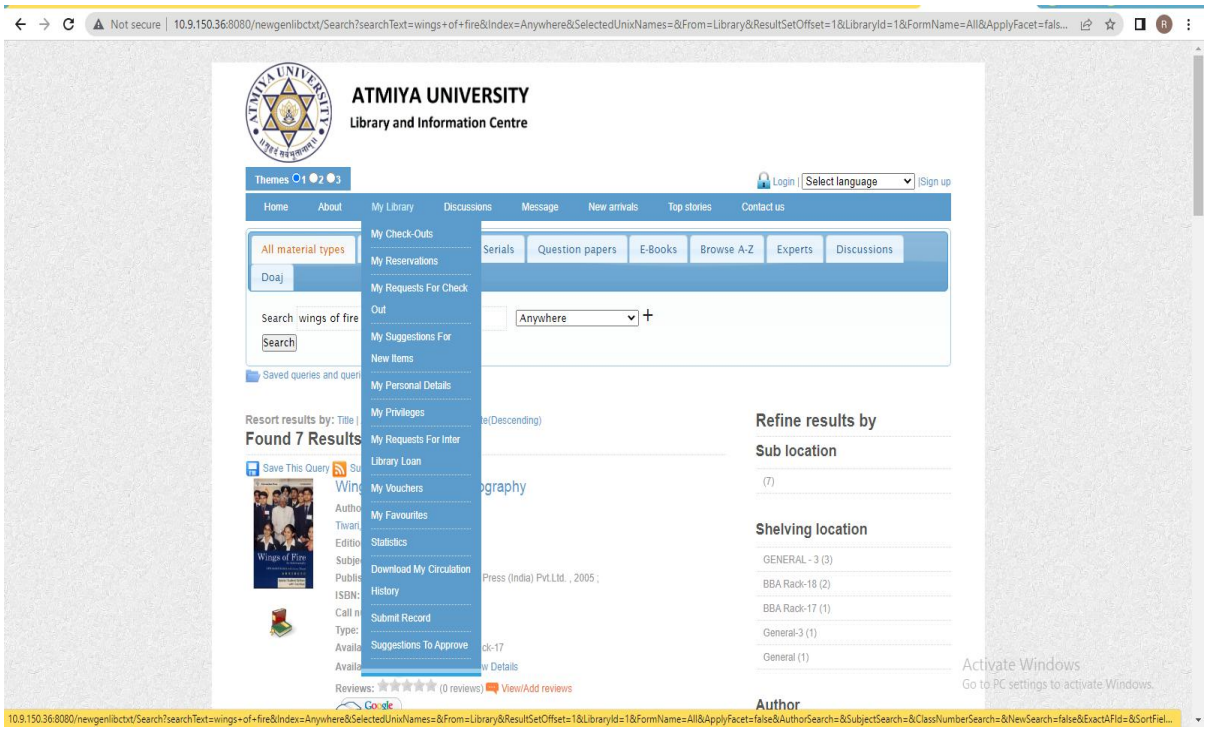

Fig 9: ILMS WebOPAC features

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Reports

- Acquisitions
  - Accession register
  - Budget expenditure
  - vendor performance

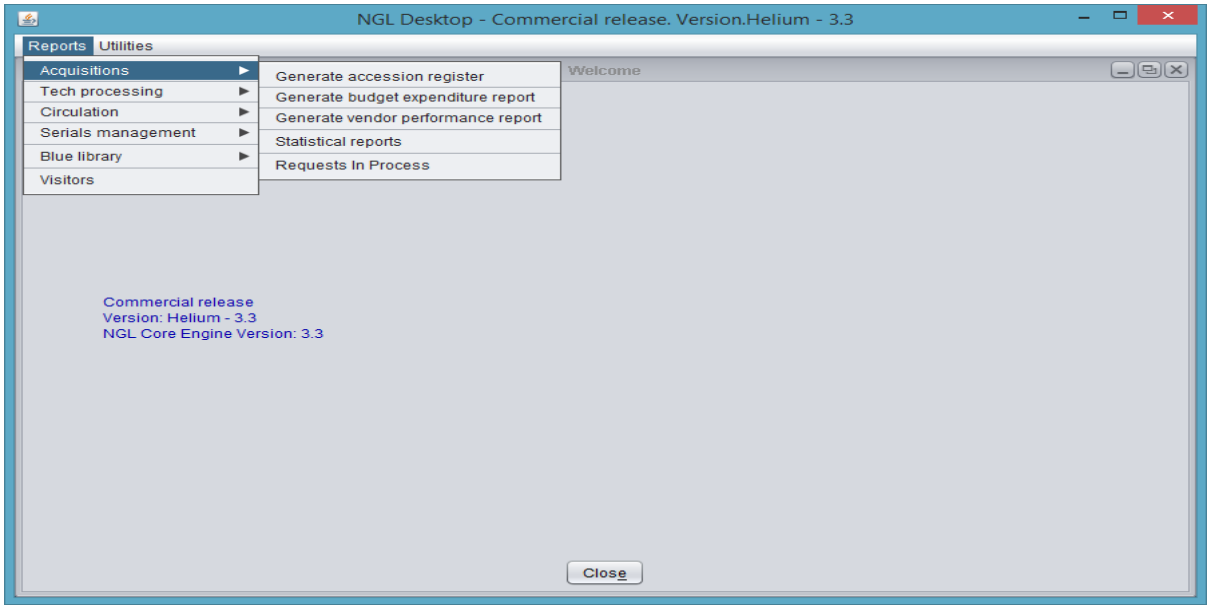

Fig 10: ILMS Reports Modules

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

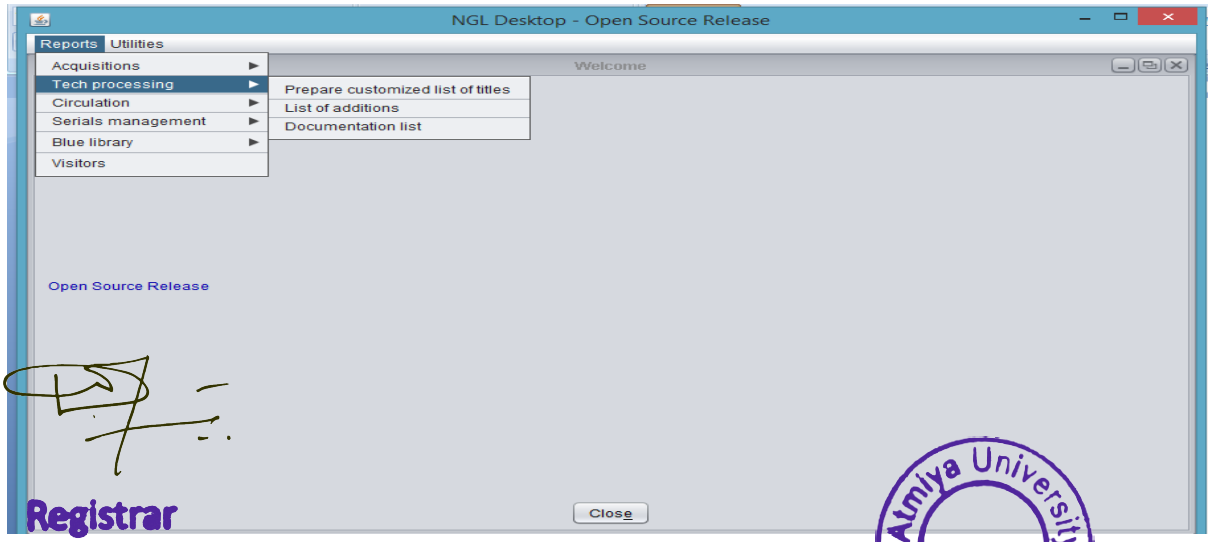

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Fig11: ILMS WebOPAC

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

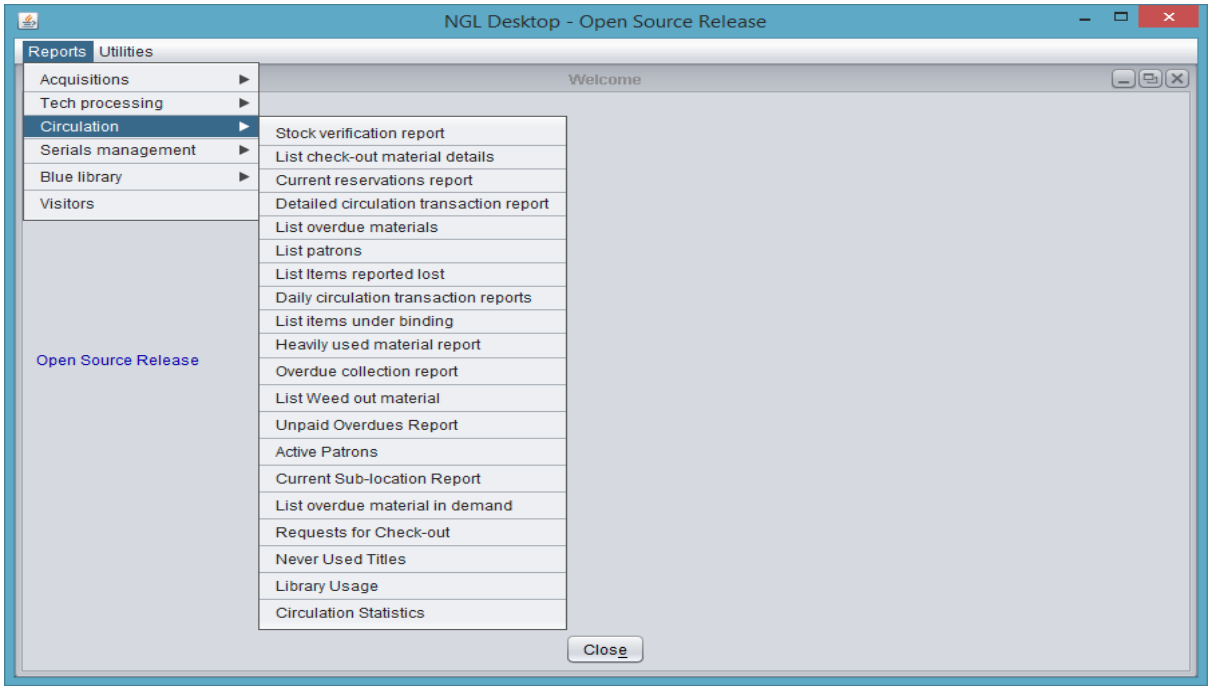

Fig 12: ILMS Reports Circulation module

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

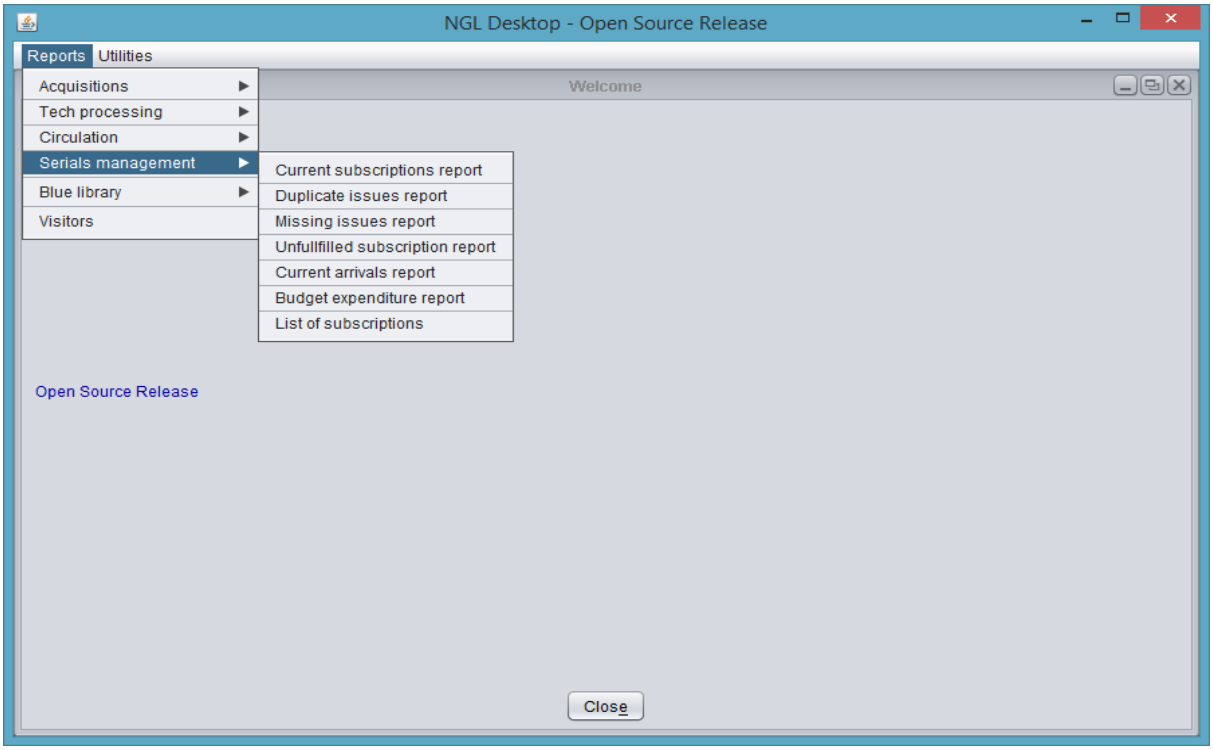

Fig 13: ILMS Reports Serial Management module

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