

NAAC – Cycle – 1				
AISHE: U-0967				
Criterion 4	I&LR			
KI 4.2	M 4.2.1			

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 StartTM 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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Search Catalogue		Items to be Accessioned 0 Gifts to be Accessioned 0
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Fig 2: ILMS Technical Processing Menu

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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

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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)

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ीतं सर्वभूतामाम्	Accession Received Items		*	
Frequently Used Screens	Process Payment (Invoice Received)		Pending Jobs	
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Check-Out (Issue)	Claims For Unsupplied Items		Pending Job Count	
Configure System	Process Quotations		Requests Awaiting Approval 0 Items to be Ordered 0	
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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

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Technical Processing Circulation Act	quisitions Serials Management OPAC Administration	Queries Utilities Windows			
•	Process Subscription List	Hom	19		
UNID	Place Firm Orders	SITY Library and Learning Center			
A PA	Receive Subscription Invoice			NGL Core Engine version 3.3 - Helium	
	Subscription Invoice Payment Details	-		Release Date: 96th January 9093	
	Register Serial Issues	System Admin		Commercial release	
•	Serial Routing List	-		NGL Core Engine Version: 3.3	
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रणप सबभूता.		Serials Binding Management			
Frequently Used Screens	Add To Renewal List		Pending Jobs		
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Check-Out (Issue)			Requests Awaiting Approval	0	
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Fig: 7 ILMS Circulation System





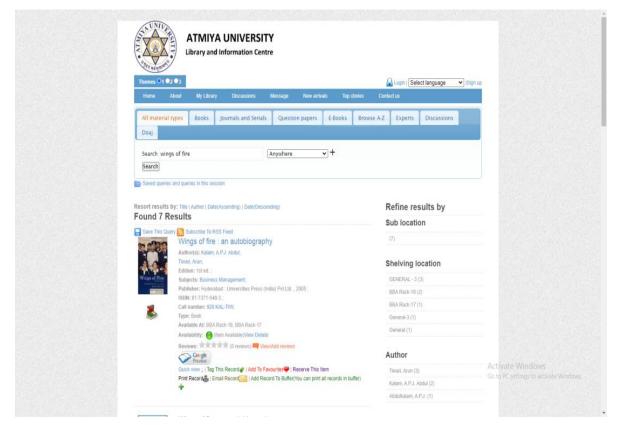




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Web OPAC

- Various types of searches
 - Free text (Google like search)
 - o Basic
 - \circ 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 (<u>http://www.vufind.org</u>)



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Fig 8: ILMS WebOPAC







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Fig 9: ILMS WebOPAC features

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Reports

- Acquisitions
 - Accession register
 - o Budget expenditure
 - \circ vendor performance

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Reports Utilities					
Acquisitions Tech processing Circulation Serials management Blue library Visitors Commercial release Version: Helium - 3.3 NGL Core Engine Version	Generate accession register Generate budget expenditure report Generate vendor performance report Statistical reports Requests In Process	Welcome			
	Close				

Fig 10: ILMS Reports Modules

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

<u>ک</u>	NGL Desl	ktop - Open Source Release	-	□ ×
Reports Utilities				
Acquisitions		Welcome		_BX
Tech processing >	Prepare customized list of titles			
Circulation ►	List of additions			
Serials management	Documentation list			
Blue library		1		
Visitors				
Open Source Release		Close	Stille University	
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• Circulation

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

🚳 NGL Desktop - Open Source Release – 🗖 🗖				
Reports Utilities				
Acquisitions		Welcome	_BX	
Tech processing				
Circulation ►	Stock verification report			
Serials management	List check-out material details			
Blue library	Current reservations report			
Visitors	Detailed circulation transaction report			
	List overdue materials			
	List patrons			
	List Items reported lost			
	Daily circulation transaction reports			
	List items under binding			
Open Source Release	Heavily used material report			
Open Source Release	Overdue collection report			
	List Weed out material			
	Unpaid Overdues Report			
	Active Patrons			
	Current Sub-location Report			
	List overdue material in demand			
	Requests for Check-out			
	Never Used Titles			
	Library Usage			
	Circulation Statistics			
		Close		

Fig 12: ILMS Reports Circulation module





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- Serials management
 - Current subscriptions
 - Duplicate issues
 - $\circ \quad \text{Missing issues} \quad$
 - $\circ \quad \text{Unfulfilled subscriptions}$
 - o Current arrivals
 - Budget expenditure
 - List of subscriptions

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	Unfullfilled subscription report		
	Current arrivals report		
	Budget expenditure report		
	List of subscriptions		
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Fig 13: ILMS Reports Serial Management module



