

Additional Information:

Functioning of VIT ILMS (vMIS)

The Institute has developed its own Library Management Software and is available to all through the vMIS system. All the Library functions are fully automated and are listed below

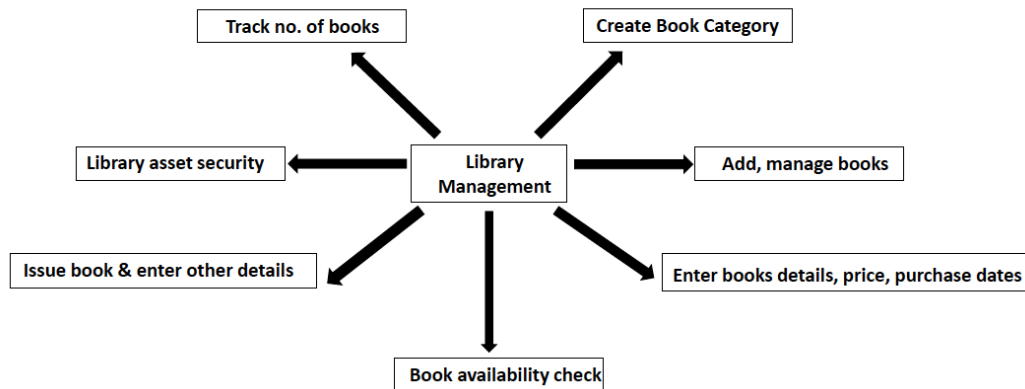


Figure 4.2.1 (a): Functions of ILMS

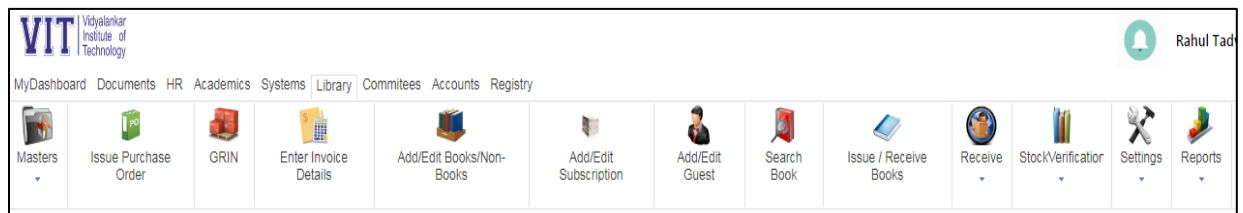


Figure 4.2.1(b): Overview of VIT's Library Management System Software (vMIS)

Salient features of vMIS:

- I. **Issue of Purchase Order:** Purchase Orders are generated through vMIS and can be e-mailed to the vendor.
- II. **GRIN (Goods Receiving & Inspection Note):** This function helps add the new books to the database.
 - a. **Add & Edit Books/ Non-books:** This function allows to enter information about new book entry, class number, author name, classification number, subject & branch. Non books entry mainly refers to CDs & DVDs.
 - b. **Add/ Edit Subscription:** This function allows to add and edit the details of subscription and also provides duration of subscription.

- III. **Billing:** This function allows the Librarian to process bills
 - IV. **Issue/ Receive books:** All Books are bar coded. This helps to reduce the transaction time for "Book – Issue" and "Book Return".
 - V. **Add/ Edit User:** This allows the Librarian to add users like Alumni, Guests & other stakeholders.
 - VI. **Search Engine (OPAC):** OPAC (Online Public Access Catalogues): As soon as new books are purchased and processed, their bibliographic description is added in the OPAC. It can be accessed through Internet/Intranet. Users can also view their own account through OPAC.
 - VII. **Reports:** Various reports required by the Librarian can be generated using this function.
 - VIII. **Annual Stock Verification:** It generates the report for number of books available, issued, returned & purchased per year.
 - IX. User can submit their **Recommendations / Suggestions** through V-MIS
1. **Issue of Purchase Order:** Purchase Orders are generated through vMIS and can be e-mailed to the vendor.

Library -> PO -> Issue Purchase Order

Po Number	Po Date	Total Amount	Po Remarks	Other Remarks	Vendor	PO Status	Emailed On	Printed On
04126	17-12-2019 08:13	13875.75			SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Goods Delivery in Part		17-12-2019 08:13
04148	27-12-2019 14:40	6984			SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Fully Delivered		27-12-2019 14:40
04138	23-12-2019 15:06	5746.5			SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Goods Delivery in Part		23-12-2019 15:06
04095	09-12-2019 10:58	3561.75			SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Fully Delivered		09-12-2019 10:59
04054	19-11-2019 11:41	34792.5			A 4 APPLE BOOKS	Goods Delivery in Part		19-11-2019 11:41
04047	14-11-2019 11:30	10595.25			SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Goods Delivery in Part		14-11-2019 11:31
04125	17-12-2019 08:05	4551.75			SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	New PO		17-12-2019 08:06
03898	08-08-2019 12:46	5040			A 4 APPLE BOOKS	New PO		08-08-2019 12:46
03672	20-03-2019 15:05	50257.5			A 4 APPLE BOOKS	Goods Delivery in Part		05-04-2019 11:25
02256	25-01-2017 10:18	23168			A 4 APPLE BOOKS	Fully Delivered		05-04-2019 12:26
02255	25-01-2017 10:15	13980			A 4 APPLE BOOKS	Fully Delivered		05-04-2019 12:25
02257	25-01-2017 10:21	14580			A 4 APPLE BOOKS	Fully Delivered		05-04-2019 12:24

(All) Total Records : 1 - 20 of 183

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Figure 4.2.1 (c): Purchase Order Function

2. **GRIN (Goods Receiving & Inspection Note):** This function helps add the new books to the database.

Library -> GRN -> GRIN

Search (F8) Refresh (F4) New (F2) Edit (F7)

Purchase Date	Po Number	Vendor	Received By
13-02-2020 09:20	04126	SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Rahul Tadvalkar
06-02-2020 09:16	04148	SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Rahul Tadvalkar
25-01-2020 10:34	04138	SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Rahul Tadvalkar
04-01-2020 09:18	04095	SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Rahul Tadvalkar
16-12-2019 10:40	04054	A 4 APPLE BOOKS	Rahul Tadvalkar
12-12-2019 09:36	04047	SHROFF PUBLISHERS AND DISTRIBUTORS PVT LTD	Rahul Tadvalkar
27-04-2019 09:35	03672	A 4 APPLE BOOKS	Rahul Tadvalkar
09-03-2019 09:20	03536	A 4 APPLE BOOKS	Rahul Tadvalkar
23-02-2019 09:17	03535	A 4 APPLE BOOKS	Rahul Tadvalkar
22-02-2019 09:31	03534	A 4 APPLE BOOKS	Rahul Tadvalkar
14-02-2019 07:59	03569	A 4 APPLE BOOKS	Rahul Tadvalkar
01-02-2019 09:23	03530	A 4 APPLE BOOKS	Rahul Tadvalkar

(All) Total Records : 1 - 20 of 134 Showing 20

Figure 4.2.1 (d): Goods Receiving & Inspection Note Function

3. **Add & Edit Books/ Non-books:** This function allows to enter information about new book entry, class number, author name, classification number, subject & branch. Non books entry mainly refers to CDs & DVDs.

Library -> Manage Purchase -> Add/Edit Books/Non-Books

Search (F8) Refresh (F4) New (F2) Edit (F7) Export To Excel Close All

Acc No	Type	Book Title	Publisher	Author	Date of Purchase	Status	Book Source	Subject
031137	Book	ZERO TO ONE	PEGUIN BOOKS	THIEL PETER	20-07-2022	Issue Copy	DONATED	GENERAL
031136	Book	BIG DATA ANALYTICS	wiley	shankarmani radha .vijayalakshmi m	20-07-2022	Reference Copy	DONATED	BIG DATA
031135	Book	TRADITIONAL KNOWLEDGE SYSTEM IN INDIA	ATLANTIC	JHA AMIT	08-06-2022	Issue Copy	DONATED	GENERAL
031134	Book	CREATIVITY.INC.	TRANSWORLD BOOKS	ED CATMULL		Issue Copy	DONATED	NOVAL
031133	Book	KARMIC DESIGN THINKING	BALARAM	BALA RAMADURAI		Issue Copy	DONATED	NOVAL
031132	Book	CHANGE BY DESIGN	HARPER BUSINESS	TIM BROWN		Issue Copy	DONATED	NOVAL
031131	Book	CREATIVE CONFIDENCE	WILLIAM COLLINS	TOM KELLEY		Issue Copy	DONATED	NOVAL
031130	Book	THE DESIGN OF EVERYDAY	BASIC BOOKS	DON NORMAN		Issue Copy	DONATED	NOVAL
031129	Book	THE ROAD LESS TRAVELLED	sage	PRASHUN DUTTA		Issue Copy	DONATED	NOVAL
031128	Book	THEART OF CREATIVE THINKING	Sceptre	ROD JUDKINS		Issue Copy	DONATED	NOVAL
031127	Book	BLINK	PENGUIN	GLADWELL MALCOLM	11-05-2022	Issue Copy	DONATED	GENERAL
031126	Book	START WITH WHY	PENGUIN	SINEK SIMON	11-05-2022	Issue Copy	DONATED	GENERAL

(All) Total Records : 1 - 20 of 33355 Showing 20 Records Per Page Go Page 1 of 1668 <<

Figure 4.2.1 (e): Add/Edit books Function

4. **Add/ Edit Subscription:** This function allows to add and edit the details of subscription and also provides duration of subscription.

Library -> Manage Subscription -> Add/Edit Subscription

Search (F8) Refresh (F4) New (F2) Edit (F7) Close All

Periodical Name Edition Frequency Publisher Vendor Type PO No. Bill No. Price Date Of Purchase Date Of Payment Discount MRP From Date To Date Expected No. of Issues Amount Paid

Figure 4.2.1 (f): Add/Edit subscription

5. **Billing:** This function allows the Librarian to process bills

Library -> Bills -> Enter Invoice Details

Search (F8) Refresh (F4) New (F2) Edit (F7)

Bill No	Po Number	Invoice No	Bill Date	Payment Due Date	Bill Remarks	Bill Amount	Bill Amount Net	Bill Scan Copy
3756	04138	4421	25-01-2020	18-01-2020		3499	3499	
3800	04126	4709	13-02-2020 09:22	05-02-2020		12019.5	12019.5	
3786	04148	4700	06-02-2020 09:18	04-02-2020		6984	6984	
3714	04095	4112	04-01-2020 09:19	03-01-2020		3562	3562	
3679	04054	63	16-12-2019 10:41	11-12-2019		22260	22260	
3676	04047	3457	12-12-2019 09:38	30-11-2019		9358	9358	
3279	03672	3	27-04-2019 10:43	16-04-2019		44081	44081	
3173	03536	193	09-03-2019 09:21	07-03-2019		12300	12300	
3138	03535	184	23-02-2019 09:18	22-02-2019		4440	4440	
3127	03534	172	22-02-2019 09:38	13-02-2019		19429	19429	
3114	03569	167	14-02-2019 08:01	02-02-2019		6831	6831	
3092	03530	163	01-02-2019 09:25	29-01-2019		14213	14213	

Figure 4.2.1 (g): Billing Function

6. **Issue/ Receive books:** All Books are bar coded. This helps to reduce the transaction time for "Book – Issue" and "Book Return".

Library -> Issue Book -> Issue / Receive Books

Search (F8) Refresh (F4) New (F2) Edit (F7) Close All Close (ESC)

Roll No	Name	Emp Code	Guest Code	Book Title	Author	Issued Date	Expected Return Date
2110282008	REENA GUPTA			DATA MINING	HAN JIAWEI .KAMBER MICHELINE	03-08-2022	21-09-2022
2110282001	AAVUSHA SHINDE			DATA MINING	HAN JIAWEI .KAMBER MICHELINE	03-08-2022	21-09-2022
07-521	PRAJAKTA JADHAV			APPLIED MATHEMATICS-III(COMPUTER,ELECTRONICS & TELECOMMUNICATIONS)	KUMBHOJKAR G.V.	02-08-2022	20-09-2022
21101A0011	ASHISH VERMA			APPLIED MATHEMATICS	KUMBHOJKAR G V	02-08-2022	20-09-2022
2110280002	OM GHAG			APPLIED MATHEMATICS	KUMBHOJKAR G V	02-08-2022	20-09-2022
2110280002	OM GHAG			Head First HTML 5 Programming	Freeman Eric.Robson Elisabeth	02-08-2022	20-09-2022
21105A0034	SHRADDHA YADAV			APPLIED MATHEMATICS III	KUMBHOJKAR-G.V.	02-08-2022	20-09-2022
21101A0059	NAVIN GAMRE			APPLIED MATHEMATICS	KUMBHOJKAR G V	02-08-2022	20-09-2022
21101A0003	KIRAN MHATRE			APPLIED MATHEMATICS COMPUTER	KUMBHOJKAR G.V.	02-08-2022	20-09-2022
21105A0049	HUDA SYED			APPLIED MATHEMATICS-III (ELECTRONICS & ALLIED BRANCHES)	KUMBHOJKAR-G.V.	02-08-2022	20-09-2022
	VARSHA BHOSALE	VIT0251		BIG DATA ANALYTICS	shankarmani radha .vijayalakshmi m	02-08-2022	31-10-2022

(All) Total Records : 1 - 20 of 1070 Showing 20 Records Per Page Go Page 1 of 54

Figure 4.2.1 (h): Issue/receive books function

7. **Add/ Edit User:** This allows the Librarian to add users like Alumni, Guests & other stakeholders.

Library -> Manage Guest -> Add/Edit Guest

Search (F8) Refresh (F4) New (F2) Edit (F7) Close All Close (ESC)

Guest Code	First Name	Middle Name	Last Name	Gender	Date Of Birth	Mobile	Email ID	Is Active	From Date	To Date	No Of Books	Days Allowed	Late Fine	Address
SK0016	AKSHAY		CHAVAN	M		8793943884		<input checked="" type="checkbox"/>	30-03-2022	30-06-2022	2	90	0	DOMBIVALI THANE
SK0015	POOJA		BANE	F		9819176368		<input checked="" type="checkbox"/>	30-03-2022	30-06-2022	2	90	0	MUMBAI
SK0014	CHANDRIKA		BHAILOT	F		9860101881		<input checked="" type="checkbox"/>	30-03-2022	30-06-2022	2	90	0	MUMBAI
SK002	KAJAL		SAWANT	F		8691835067		<input checked="" type="checkbox"/>	01-10-2019	30-09-2021	2	7	0	DOMBIVALI
G012	BEENA		KAPADIA	F		9833319001		<input checked="" type="checkbox"/>	29-07-2019	30-09-2021	5	180	0	MUMBAI
G016	SANJEELA		SAGAR	F	07-11-1977	9820292958		<input checked="" type="checkbox"/>	20-02-2021	31-12-2021	2	45	0	NERUL NAVI MUMBAI
G015	ARTEE		AGRAWAL	F		9323868826		<input checked="" type="checkbox"/>	20-02-2020	31-05-2020	5	90	0	MUMBAI
G014	PAVAN		SAVANT	M		8976044425		<input checked="" type="checkbox"/>	08-01-2020	31-05-2020	2	90	0	BANDRA
SK013	PRITISHA	D	KHOBRAGADE	F	16-12-1995	8451813355		<input checked="" type="checkbox"/>	11-11-2019	30-06-2021	2	7	0	MANKHURD
SK012	SHWETA	RAJENDRA	POL	F	29-11-1994	9833541116		<input checked="" type="checkbox"/>	02-11-2019	30-06-2021	2	7	0	SANTACRUZ
SK010	ANIKAT	K	GARUD	M	04-02-1996	8369503799		<input checked="" type="checkbox"/>	18-10-2019	30-09-2021	2	7	0	MANKHURD
SK011	SHUYEB	N	PETKAR	M	09-09-1997	7718019961		<input checked="" type="checkbox"/>	18-10-2019	30-09-2021	2	7	0	MUMBAI

(All) Total Records : 1 - 20 of 34 Showing 20 Records Per Page Go Page 1 of 2

Figure 4.2.1 (i): Add/Edit Users

8. **Search Engine (OPAC):** OPAC (Online Public Access Catalogues): As soon as new books are purchased and processed, their bibliographic description is added in the OPAC. It can be accessed through Internet/Intranet. Users can also view their own account through OPAC.

Search Book (Adding New) x

Search String

Or Specific Search

Author and and

Title and and

Publisher and and

Keywords and and

Year and and

Copies Retrieved : 120 VIT : 89 VP : 30 VSIT : 1

Sr. no.	Title	Author	Accession No	No Of Copies	Issue Copies	Reference Copies	Issued Copies	Institute
1	FUNDAMENTALS OF OPTICAL FIBER COMMUNICATION	SATISH KUMAR-M.	008525, 008526	2	1	1	0	VIT
2	OPTICAL FIBER COMMUNICATION	SENIOR JOHN M	026214, 026215	25	25	0	1	VIT
3	OPTICAL FIBER COMMUNICATION : PRINCIPLES AND SYSTEMS	SELVARAJAN-A.; KAR-S. AND SRINIVAS-T.	006484, 006485	5	5	0	0	VIT
4	OPTICAL FIBER COMMUNICATION PRINCIPLES AND PRACTICE	SENIOR-JOHN M.	004733, 004734	5	4	1	0	VIT
5	OPTICAL FIBER COMMUNICATIONS	KEISER GERD	027229, 027230	15	14	1	2	VIT
6	OPTICAL FIBER COMMUNICATIONS	RAC-KETHA ANURADHA	005669, 006578	9	6	3	2	VIT
7	OPTICAL FIBER COMMUNICATIONS:PRINCIPLES & PRACTICE	SENIOR JOHN M.	017318, 017319	13	13	0	2	VIT
8	OPTICAL FIBERS AND FIBER OPTIC COMMUNICATION SYSTEMS	SARKAR- SUBIR KUAMR	005175, 005176	10	9	1	0	VIT
9	TEXTBOOK ON OPTICAL FIBER COMMUNICATION & ITS APPLICATIONS	GUPTA-S.C.	011736, 011737	5	4	1	0	VIT
10	OPTICAL FIBER COMMUNICATION	KEISER GERD	D00755, D00756	8	6	2	0	VP
11	OPTICAL FIBER COMMUNICATION	KEISER GERD	D11751, D11752	2	1	1	0	VP

Total Records : 1 - 19 of 19 Showing 20 Records Per Page Page 1 of 1

Figure 4.2.1(j): OPAC Book Search Engine

9. **Reports:** Various reports required by the Librarian can be generated using this function.

Library -> Reports -> Issue Reference Copies x

Total Books	Issue Books	Reference Books	Lost Books	Binding Books	Damaged Books	Misplaced Books	Weed-Out Books	Social Welfare Book Bank
31137	24906	6177	53	0	0	0	0	0

(Filtered) Total Records : 1 - 1 of 1 Showing 20 Records Per Page Page 1 of 1

Figure 4.2.1(k): Reports Generation Function

10. Annual Stock Verification: It generates the report for number of books available, issued, returned & purchased per year.

Library -> Stock Verification -> Verification

Search (F8) Refresh (F4) New (F2) Close All Close (ESC)

Audit Name	Academic Year	Start Date	End Date	Stock Verification Date	ACC No	Book Title	Verified By
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	15-07-2019	010020	ENGINEERING DRAWING: WITH AN INTRODUCTION TO COMPUTER AIDED DRAFTING	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	11-07-2019	011677	SIGNALS & SYSTEMS	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	11-07-2019	029492	MINING OF MASSIVE DATASETS	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	11-07-2019	026483	THEORY OF COMPUTATION	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	11-07-2019	025172	Network Security & Cryptography	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	10-07-2019	027478	DISCRETE EVENT SYSTEMS SIMULATION	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	10-07-2019	018654	ELECTRONIC PRODUCT DESIGN	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	09-07-2019	030873	DIGITAL FORENSIC	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	09-07-2019	027241	OPTICAL FIBER COMMUNICATIONS	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	09-07-2019	028902	WIRELESS COMMUNICATIONS	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	09-07-2019	024870	HTML 5 Hacks	rahul.tadvalkar
STOCK VERIFICATION 2019-20	2019-2020	08-06-2019	20-07-2019	09-07-2019	013865	INTRODUCTION TO ORACLE 9i:SQL ADDITIONAL PRACTICES VOL.3	rahul.tadvalkar

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Figure 4.2.1(l): Annual Stock Verification Function