

**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

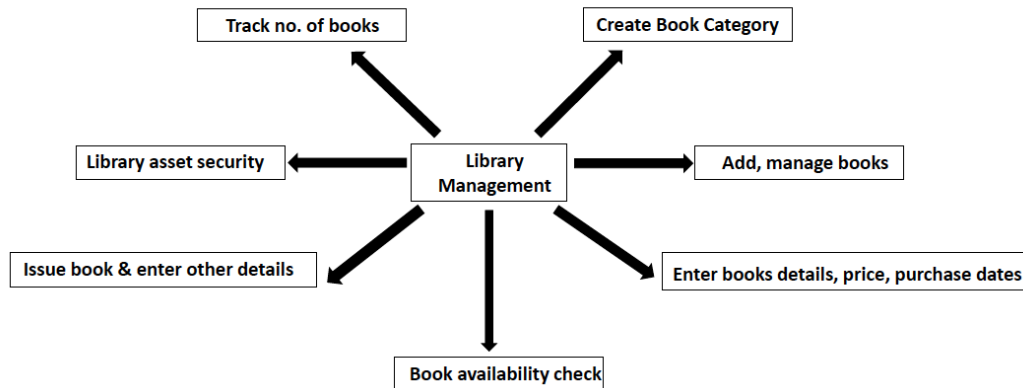


Figure 4.2.1 (a): Functions of ILMS

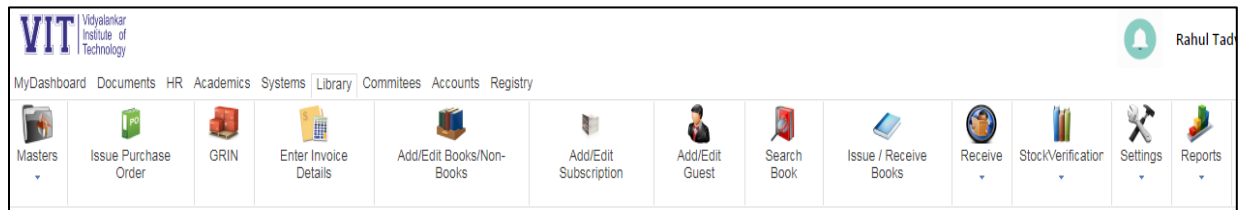


Figure 4.2.1(b): Overview of VIT's Library Management System Software (vMIS)

**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.

The screenshot displays the 'Library -> PO -> Issue Purchase Order' window. At the top, there are buttons for 'Search (F8)', 'Refresh (F4)', 'New (F2)', and 'Edit (F7)'. Below these are 'Close All' and 'Close (ESC)' buttons. The main area contains a table with the following columns: Po Number, Po Date, Total Amount, Po Remarks, Other Remarks, Vendor, PO Status, Emailed On, and Printed On. The table lists 189 records, with the first 10 visible. The status of the orders varies, including 'Goods Delivery in Part', 'New PO', and 'Fully Delivered'. At the bottom of the table, it indicates '(All) Total Records : 1 - 20 of 189' and 'Showing 20 Records Per Page'.

Po Number	Po Date	Total Amount	Po Remarks	Other Remarks	Vendor	PO Status	Emailed On	Printed On
05443	23-03-2023 13:18	20583			NEHA BOOKS	Goods Delivery in Part	23-03-2023 13:18	
05442	23-03-2023 13:06	44767.5			NEHA BOOKS	Goods Delivery in Part	23-03-2023 13:06	
05408	09-03-2023 11:13	34440			PRISM PUBLICATIONS	New PO	09-03-2023 11:14	
05407	09-03-2023 11:08	17940			PRISM PUBLICATIONS	New PO	09-03-2023 11:08	
05406	09-03-2023 11:02	23960			PRISM PUBLICATIONS	New PO	09-03-2023 11:02	
05444	23-03-2023 13:20	1788.75			NEHA BOOKS	New PO	23-03-2023 13:20	
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	

Figure 4.2.1 (c): Purchase Order Function

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

The screenshot displays the VIT ERP System Library GRIN interface. The browser address bar shows the URL `erp.mycollege.edu.in/landingpage.aspx`. The user is logged in as Rahul Tadvalkar. The interface includes a navigation menu with options like Masters, Issue Purchase Order, GRIN, Enter Invoice Details, Add/Edit Books/Non-Books, Add/Edit Subscription, Add/Edit Guest, Search Book, Issue / Receive Books, Fine Concession, Receive, Stock Verification, Settings, and Report. The main content area shows a table of purchase records with columns for Purchase Date, Po Number, Vendor, and Received By. The table contains 13 rows of data, all received by Rahul Tadvalkar. The interface also includes search, refresh, new, and edit buttons, and a status bar at the bottom showing the total number of records (1 - 20 of 136).

Purchase Date	Po Number	Vendor	Received By
26-05-2023 10:12	05443	NEHA BOOKS	Rahul Tadvalkar
23-05-2023 09:07	05442	NEHA BOOKS	Rahul Tadvalkar
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

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

Book Title	Publisher	Author	Date of Purchase	Status	Book Source	Subject
MASTERING BITCOIN	Oreilly	ANTONOPOULOS ANDREAS M	28-04-2023	Issue Copy	Neha Books	BLOACK C
MASTERING BITCOIN	Oreilly	ANTONOPOULOS ANDREAS M	28-04-2023	Issue Copy	Neha Books	BLOACK C
PROBABILITY AND STATISTICS FOR ENGINEERING AND THE SCIENCES	cengage	DEVORE JAY L	28-04-2023	Reference Copy	Neha Books	PROBABILI
PROBABILITY AND STATISTICS FOR ENGINEERING AND THE SCIENCES	cengage	DEVORE JAY L	28-04-2023	Issue Copy	Neha Books	PROBABILI
PROBABILITY AND STATISTICS FOR ENGINEERING AND THE SCIENCES	cengage	DEVORE JAY L	28-04-2023	Issue Copy	Neha Books	PROBABILI
DEEP LEARNING USING PYTHON	wiley	ROSE S LOVELYN:ASHOK KUMAR L	28-04-2023	Reference Copy	Neha Books	DEEP LEAR
DEEP LEARNING USING PYTHON	wiley	ROSE S LOVELYN:ASHOK KUMAR L	28-04-2023	Issue Copy	Neha Books	DEEP LEAR
DEEP LEARNING USING PYTHON	wiley	ROSE S LOVELYN:ASHOK KUMAR L	28-04-2023	Issue Copy	Neha Books	DEEP LEAR
PYTHON DATA SCIENCE HANDBOOK	Oreilly	VANDERPLAS JAKE	28-04-2023	Reference Copy	Neha Books	PYTHON D
PYTHON DATA SCIENCE HANDBOOK	Oreilly	VANDERPLAS JAKE	28-04-2023	Issue Copy	Neha Books	PYTHON D
PYTHON DATA SCIENCE HANDBOOK	Oreilly	VANDERPLAS JAKE	28-04-2023	Issue Copy	Neha Books	PYTHON D
BLOCKCHAIN TECHNOLOGY	universities press	SUBRAMANIAN CHANDRAMOULI:GEORGE ASHA A	28-04-2023	Reference Copy	Neha Books	BLOCKCHA

(All) Total Records : 21 - 40 of 33459      Showing 20 Records Per Page      Page 2 of 1673

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

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
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Figure 4.2.1 (f): Add/Edit subscription

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

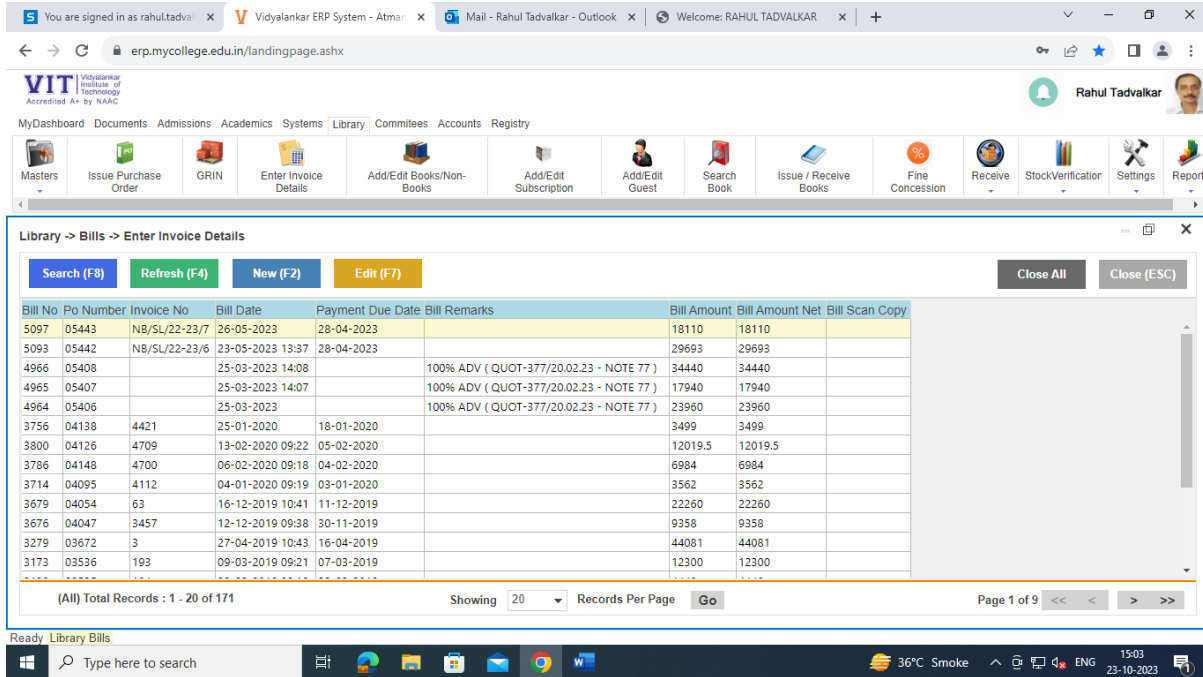


Figure 4.2.1 (g): Billing Function

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

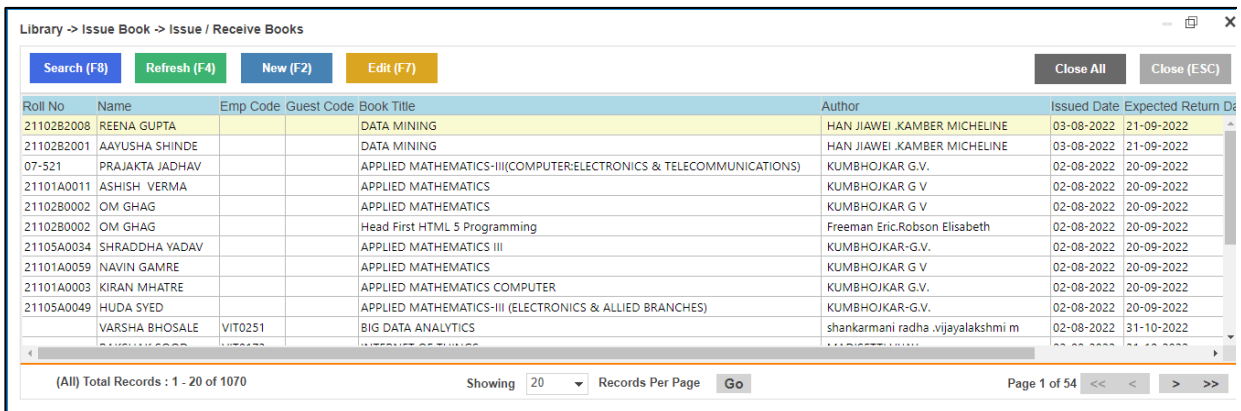


Figure 4.2.1 (h): Issue/receive books function

**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: OPTICAL FIBER

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

Search Clear

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	RAO-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 Go 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

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

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 Go 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

(All) Total Records : 1 - 20 of 74419 Showing 20 Records Per Page Go Page 1 of 3721

Figure 4.2.1(l): Annual Stock Verification Function

TCSiON library management software was purchased by our Institute from Tata Consultancy Services. We began using this software in part in April 2023. The following are some screenshots of this app.

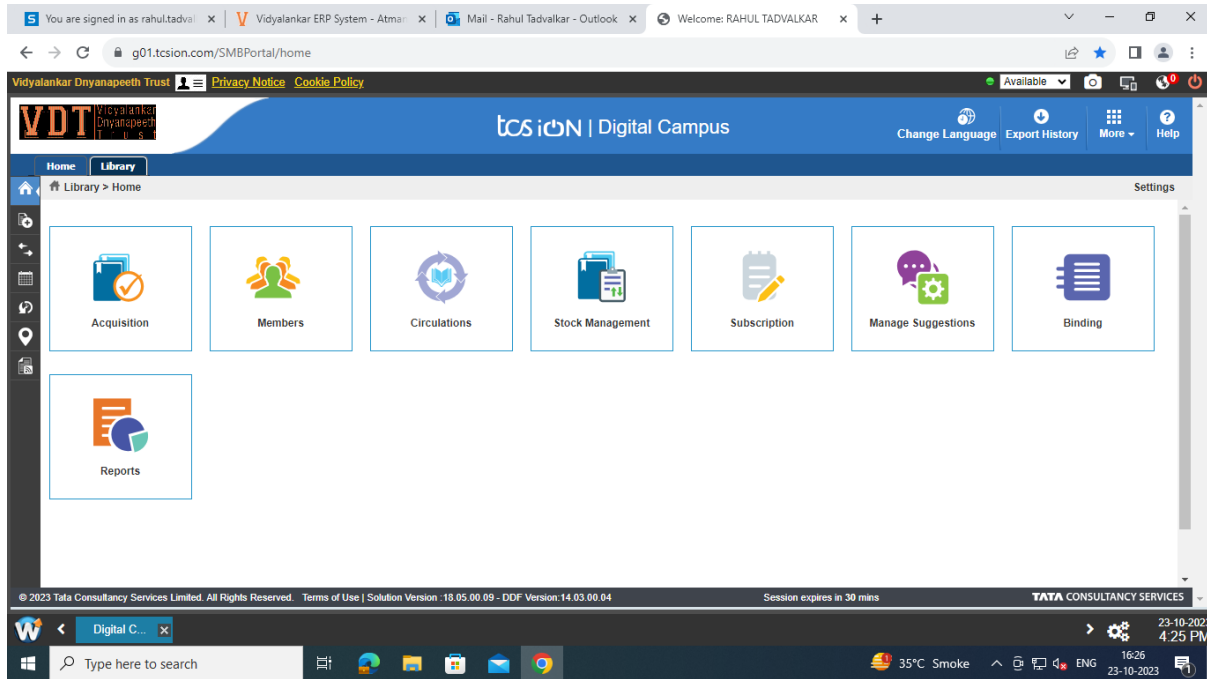


Figure 4.2.1(m): Various functions available in the TCSiON

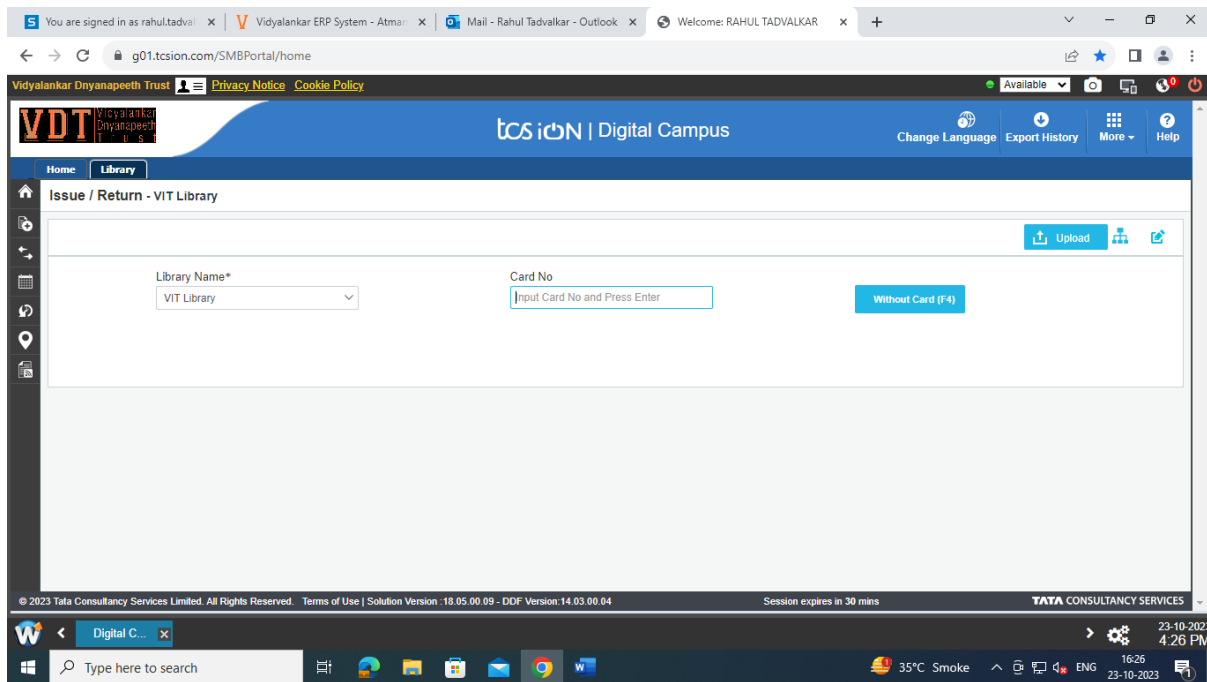


Figure 4.2.1(n): Issue/Return functions available in the TCSiON