ANNUAL REPORT
2014-2015
Mahatma Gandhi Central Library

Rapid advances in Information and Communication Technologies are changing the library and information services drastically. Besides this, expectations of the users have also risen manifold. Libraries are not mere spaces anymore; they are much more than that. It has become a challenge for library management to keep pace with changing information packaging and delivery methods on one hand and meet the user expectations on the other. Mahatma Gandhi Central Library (MGCL) has been trying to do the same over the years and as per feedback from its patrons has been quite successful in this venture. MGCL not only proactively work on its collection building and infrastructural augmentation, also put lot of emphasis on facilities for users.

Like previous years, this year also focus was on the strengthening of collection and implementation of latest information and communication technologies in its services. Now, MGCL has started SMS Alert Service and WebMailAlert Service for its users for sending SMS and confirmation mail for every transaction. MGCL has adopted newer WEB-Centric version of library management software Libsys with improved features.

1. FINANCES-

MGCL has been allocated Rs.1245.44 lacs under Plan and Rs.37.50lacs under Non-Plangrant for expenditure during the year under report. Out of the allocated Plan fund Rs.58.20 lacs has been utilized for purchase of printed books, Rs.45.72 lacs for ebooks, Rs.1126.81lacs for subscription to journals, Rs.5.25 lacs for digitization of these, dissertations and archival books and Rs.9.46 lacs for purchase of equipment and computer peripherals etc.

Table 1: Details of allocation and expenditure of Grant for FY: 2012-13, 2013-14and 2014-15.

SN	Budget Head	2012-13 (Utilization in lacs)	2013-14 (Utilization in lacs)	2014-15 (Utilization in lacs)
1.	MHRD Non Plan Grant	28.21	31.86	37.50
2.	MHRD Plan Grant	1187.10	1080.33	1245.44
	TOTAL	1215.31	1112.19	1282.94

2. PERIODICAL SECTION-

During the FY 2014-15, total expenditure incurred on periodical subscription was Rs.1126.81 lacs.MGCL added 145 new journals titles to its subscription list and renewed the subscription for 811serials subscribed in previous years. Thus total 956 print and online journals were subscribed to

byMGCL. Access for back-files of *American Chemical Society (ACS)*journals havealso been renewed for this year. The major addition is the subscription of complete package (49 e-journals) of *Royal Society of Chemistry (RSC)*to strengthenthe chemistry e-journalscollection, *SIAM* full package (16 e-journals), World Scientific Publication's*Natural Science* package (36 e-journals). MGCL also purchased 1000 articles through the **Wiley's Article Select token Service** on user's demand. The other major e-resources, discontinued from*INDEST-AICTE Consortium,* have also been made accessible tousersw.e.f. 1st Jan 2013, namely entire collection (1200+ titles) collection, of *Taylor &Francis e-journals,SciFinder Scholar, Scopus* and *Nature journals*, beside renewal of full package (60 titles) of Sage journals comprising *Humanities, Social Science and Management*journals collection.

Table 2: Number of Journals subscribed andExpenditure Incurred

Year	Recommended Titles	Subscribed Titles	Amount *(Rs. in lacs)*
2012-2013	1092	903	844.83
2013-2014	941	827	986.69
2014-2015	1167	956	1126.81

* Remaining titles were not subscribed due to their online availability or some other technical reasons.

2.1 e-Journals Access through INDEST-AICTE Consortium-

Access to e-Journals through *INDEST-AICTE Consortium* remained available through this year alsofor unlimited users. The total number of full text e-Journals reached to over 14500+ The details of the resources available through INDEST are given below-

2.1.1 Full Text Journal/Full-Text Publications-

Table 3: List of Resources - Full-Text Access for UNLIMITED USERS

SN	Title	No. of Titles
1.	ACM Digital Library	42+ Journals, 9 Magazine, 270 Conf. Proc.
2.	ASCE Journals	34
3.	ASME Journals (+ A M R)	26
4.	Elsevier's Science Direct	2524
5.	Emerald Management Extra	300
6.	IEEE / IEE Electronic Library Online (IEL)	150+
7.	Optical Society of America (OSA)	29
8.	Springer Link	2700

2.1.2 Bibliographic / Factual Databases-

MGCL has full access to a number of bibliographical/factual databases for unlimited users. Details are given below.

Table 4: List of Bibliographic Databases

SN	Title	Area of Interest	Resources/ Titles Covered
1.	Capitaline	Information about companies listed on Indian Stock Exchanges	24000 listed &unlisted companies
2.	Euromonitor (GMID)	Covers 350 markets from 207 countries	Global Marketing Information Database.
3.	INSPEC on EI Village	Abstracting/Full text	7000+

2.2 e-Journal Access through IITR Arrangements-

MGCL is also subscribing to several full-text online journals as well as secondary Online/CD-ROM databasesfor unlimited users,apart from the resources available from INDEST. The details are given below-

2.2.1 Full Text Journal Access-

Table 5: List of Resources: Full-Text Access FOR UNLIMITED USERS

SN	Publisher	Nos. of Titles
1.	American Chemical Society (ACS) **(all titles with archives)**	47
2.	American Economic Association	7
3.	American Institute of Physics (AIP)	9
4.	American Physical Society (APS)	11
5.	American Soc. for Microbiology	11
6.	Cambridge University Press	9
7.	Electrochemical Society	7
8.	Elsevier Science	84
9.	ICE Publishing	29
10.	InderScience	04
11.	Indiansjournal.com	85
12.	Institute of Mechanical Engineers (I Mech E)	16
13.	Institute of Physics Publishing (IOP**)**	30
14.	Maney	06
15.	Nature Publishing Group	7
16.	Oxford University Press	12
17.	Portland Customer Service	08
18.	Royal Society	8

19.	Royal Society of Chemistry (RSC)	49
20.	Sage Publishers	104
21.	Society of Industrial and Applied Mathematics (SIAM)	16
22.	Springer	37
23.	Taylor & Francis Journals	33(1200+)
24.	Trans. Tech. Pub.	14
25.	University of Chicago	5
26.	Walter De Gruyter	5
27.	Wiley InterScience	66
28.	World Scientific	36
29.	Others	88

2.2.2 Bibliographic / Factual Databases-

Table 6: List of Bibliographic Databases

SN	Title	Area of Interest	Resources/ Titles Covered
1	ASTM Digital Library	International Standards	7 Journals and 12000+ standards
3	British Standards	International Standards	20,000+Standards
4	EBSCO Databases	Management and allied fields	375 Databases, 12000 Journals
5	JSTOR	Humanities and Social sciences	1000+
6	MathSciNet	Mathematics	2,00,000 reviews
7	SciFinder Scholar	World foremost chemistry database	10,000+
8	Scopus	The largest abstracting and citation database of peer-reviewed literatures	21900+ 30,000+ Ebooks 5.5 million+ conference papers

2.3 Usage Statistics of Electronic Resources-

2.3.1 Full Text Resources-

Usage statistics of full text databases have shown a mixed trend while ABI Inform , ACM Digital, ASME journals, Emerald, IEL Online, ScienceDirect and ACS journals have shown substantial increase in usage. Others like AIP/APS, ASCE journals, Capitaline, SpringerLink and Wiley journals have shown marginal decrease over 2013. The usage details are presented in Figure on logarithmic scale.
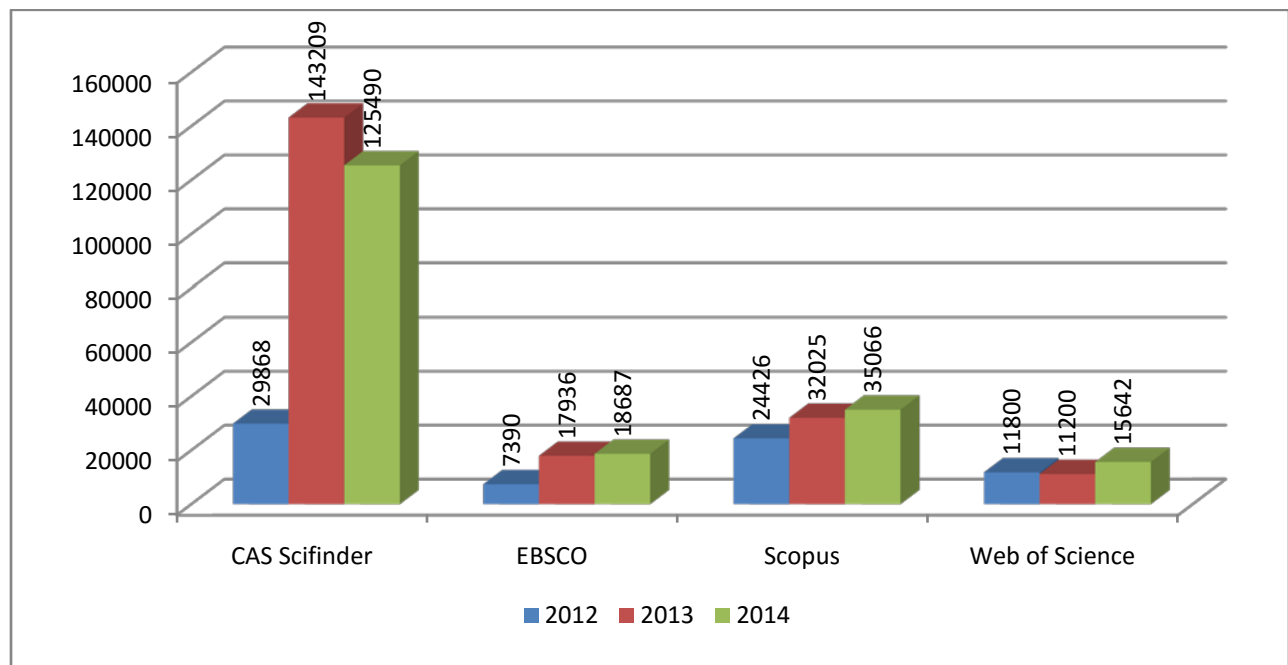
Figure: Usage Statistics for Major Full-text Databases
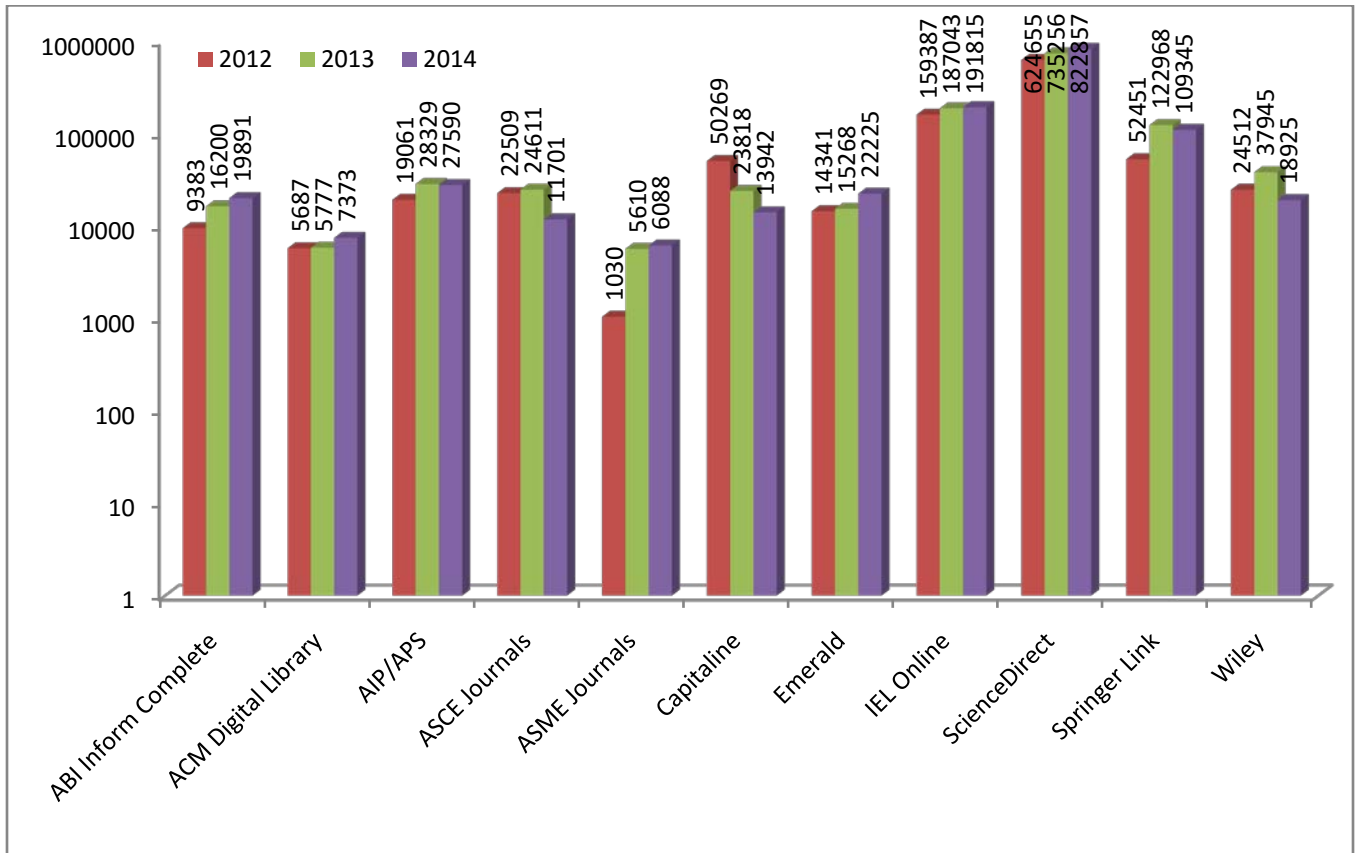
2.3.2 Secondary Resources-

The usage statistics of allsecondary online resources have shown the significant increase as shown in figure below. Inspec and MathScinet were not subscribed to during 2014.

Figure: Usage Statistics for Secondary Online Resources

3. ACQUISITION SECTION-

3.1 Print Document Collection-

During the year under report 2483 new books, 704 e-Books and 1562 bound volumes of journals were added to the collection. In addition to this, library has also acquired 493 Hindi books and 649books on gratis from the Government, R&D Organizations, students and voluntary agencies. Besides this, 1228 theses and dissertations were also added to library collection received from Ph.D. and PG students. MGCL also received 260 CDs as nonbook material during the year. The total number of documents in the collection has reached a significant figure of400515 volumes.

Table 7: Annual Collection Development: Comparative figures

Year	e-Books	Books*	Bound Journals	Annual Intake	Total Books	Total T&D	Total Bound Volumes	Total Collection
2012-13	1663	2787	800	5250			57531	387017
2013-14	1713	5028	2008	8749			59539	395766
2014-15	704	2483	1562	4749			61101	400515

* includes books received on gratis, theses and dissertations also.

3.2 Online eBooks Collection-

3.2.1 Access on Subscription Basis-

MGCL has subscribed the World e-Book Library containing more than 30 lacs classical and rare books in its collection from the varied fields of science, technology, management, education, research, humanities etc. from all the major global universities and publishers. Collection contains the digitized version of original works of renowned scientists like, Einstein, Newton, Faraday and many more.

3.2.2Access on Perpetual Basis-

To make users more satisfied and fulfill their immediate needs for research and academic activities, MGCL have enriched its collection of e-books with the purchase of 704new eBooks this year. Now we have 33264 e-books available in its collection for full access and download on perpetual access basis.

Table 8: Details of eBooks Collection at MGCL

SN	COLLECTION	PERIOD	Current Additions	Totalaccessible eBooks from Publishers
1.	Cambridge University Press	2005-12	--	1513
2.	CRCNetBase (T&F)	2007-15	704	10,994
3.	Elsevier ScienceDirect	2007-13	--	2270
4.	John Wiley *(Selected titles)*	2007-08	--	1969
5.	John Wiley *(Complete)*	2011-12	--	
6.	John Wiley *(Complete)*	2013-14	--	

7.	Oxford University Press	2007-13	--	858
8.	Pearson Online	Up to 2012	--	665
9.	Springer Verlag	1999-11	--	16097
10.	Tata McGraw Hill	Up to2013	--	898
		Total	**704**	**35264***

Actual accessible books are more than the total number shown.

3.3 Usage Statistics of eBooks-

Use statistics of the online books accessible from various major publishers is given below. Table shows the total number of downloaded chapters of books.

Table 9: Usage Statistics of eBooks Resources (on logarithmic scale)
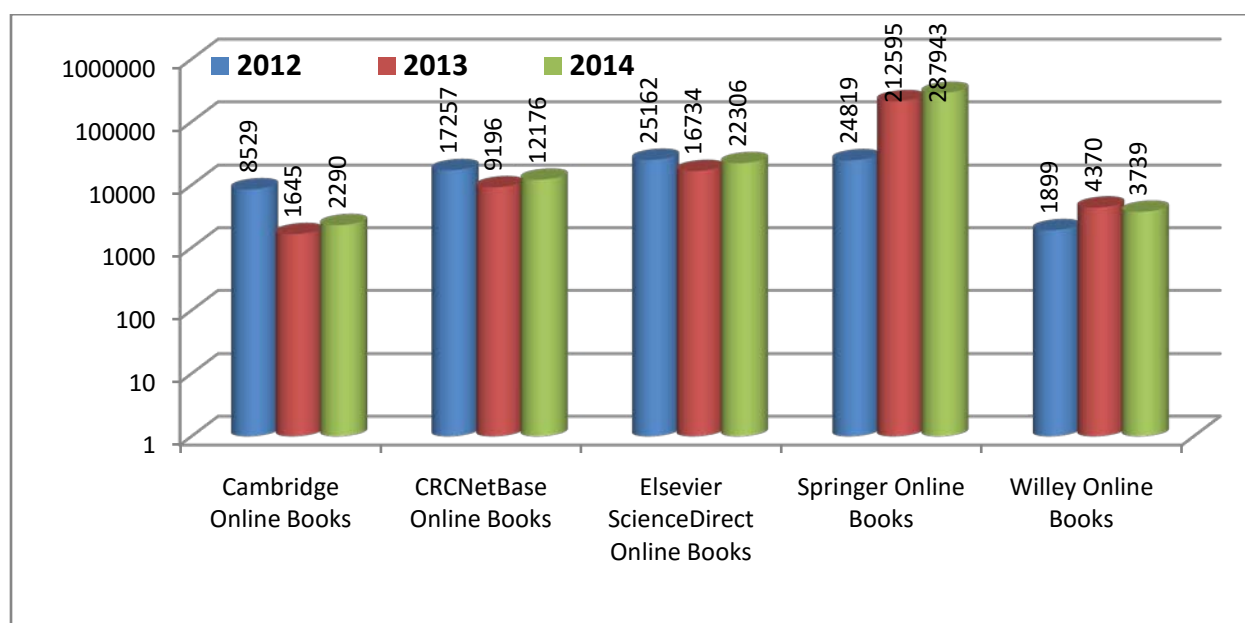
A) MGCL has purchased 898 McGraw Hill Online Textbooks. Use statistics of TMH online books is given below. Table shows the total number of accessed pages.

Figure 4: UsageStatistics of TMH eBooks
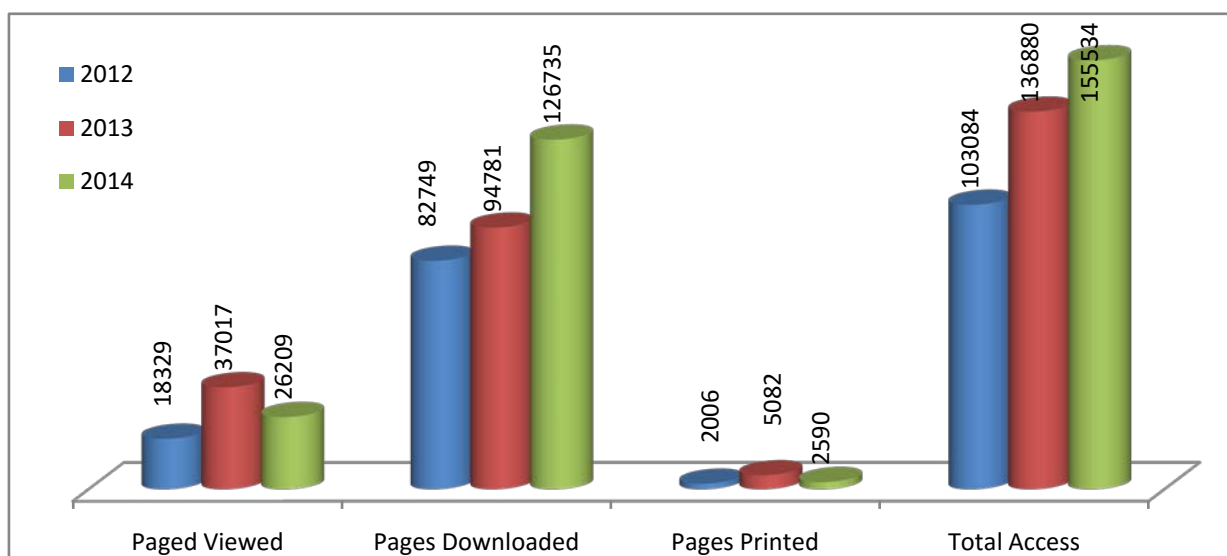
B) MGCL has also purchased 665 Pearson Education Online Textbooks. Usage statistics is given below. Table shows the total number of accessed pages during the period.

Table 10: Usage of TMH Online Books

Paged Viewed	Pages Downloaded	Pages Printed	Total Access
94693	214317	7344	316354

3.4 Collection Development of Departmental Libraries-

During the FY 2014-15, 2483 new printed books were procured for enriching the collections of different departmental libraries and Central Library. Department-wise breakup is given below -

Table 9: Collectionof Departmental Libraries

SN	Departments	Additions in 2014-15	Total Collection
1.	Architecture and Planning	192	3995
2.	Biotechnology	87	4768
3.	Chemical Engineering	12	3256
4.	Chemistry	36	2496
5.	Civil Engineering	116	19481
6.	Earth Sciences	38	3638
7.	Earthquake Engineering	6	5492
8.	Electrical Engineering	5	4780
9.	Electronics and Communication Engineering/ Computer Science and Engineering	53	8704
10.	Humanities and Social Sciences	197	6238
11.	Hydrology	5	1701
12.	Management Studies	19	6702
13.	Mathematics	32	6481
14.	Mechanical and Industrial Engineering	-	10876
15.	Metallurgical and Materials Engineering	18	4153

| 16.	Paper Technology	69	20844
17.	Physics	53	4296
18.	Water Resources Development and Management	21	239
Centres-			
19.	Alternate Hydro Energy Centre	8	5337
20.	Centre of Nanotechnology	14	36
21.	Centre for Transportation Systems (CTRANS)	18	84
22.	Centre of Excellence in Disaster Mitigation & Management (CoEDMM)	6	68
23.	ICC+ISC+IIC	7	445
24.	Intellectual Property Rights Books for IPR Chair	35	335
25.	MGCL collection (TBLS + General Books)	570	

3.5 Special Purchase of IPR Books-

Besides the regular purchases, MGCL ordered50 books on Intellectual Property Rights with an expenditure of around Rs. 2.25 lacsfrom MHRD-IPR Chair Grant for newly established IPR Chair at IIT Roorkee. Besides, approx. Rs.2.75has also been spent from this grant forrenewalsubscription of IPR related fourJournals.

4. TECHNICAL PROCESSING SECTION-

Classification, Cataloguing, Indexing and data entry of more than 5113 new books, including theses and dissertations, which were received during this period, have been successfully completedthroughLibrary Management Software Libsys for creating online catalogues for users' access.

**Figure : Number of documents processed during last three financial years**
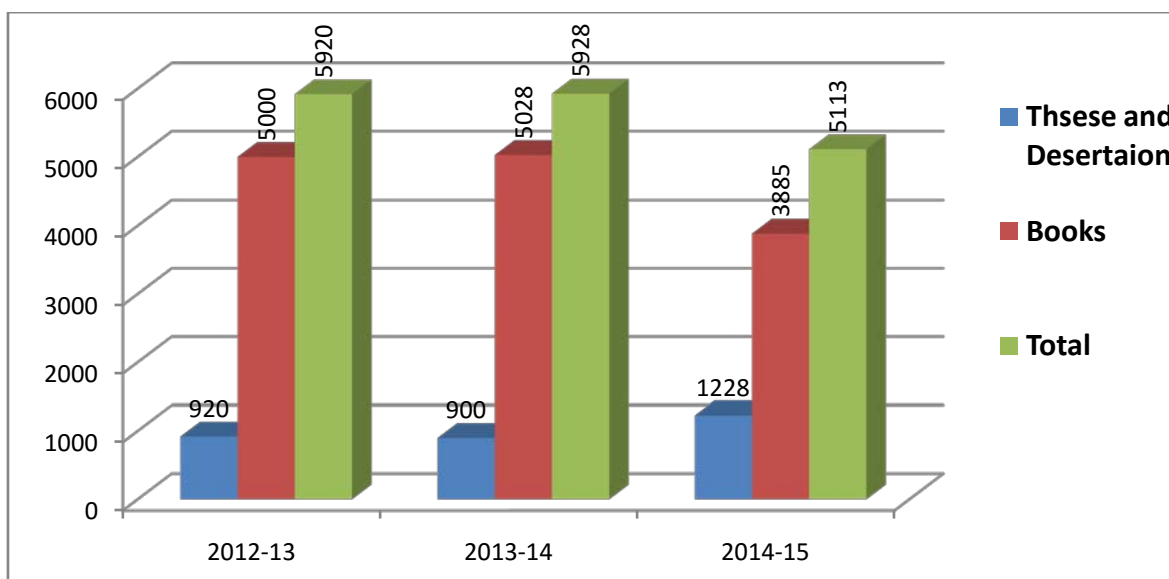
5. CIRCULATION SERVICES-

MGCL has strong base of users who visited and heavily utilized the services of library during the period under report. For authenticity and safety of users' account MGCL has adopted dual confirmation method by **SMS Alert Service** and**WebMail Alert Service**. To make the users' services cashless MGCL has also installed the bank's POS machine inside the library.

5.1 Membership-

During this year, 2405new members including undergraduates and postgraduate students, faculty & staff members, research scholars and special members were enrolled as library users. Besides, memberships of existing 2607 members were also renewed.Among all these members around4500members from UG and PG categories were also enrolled for Text book Loan Scheme. Total 2105 membership were cancelled and no dues certificates issued.

**Figure : Comparative Data of Library Membership**
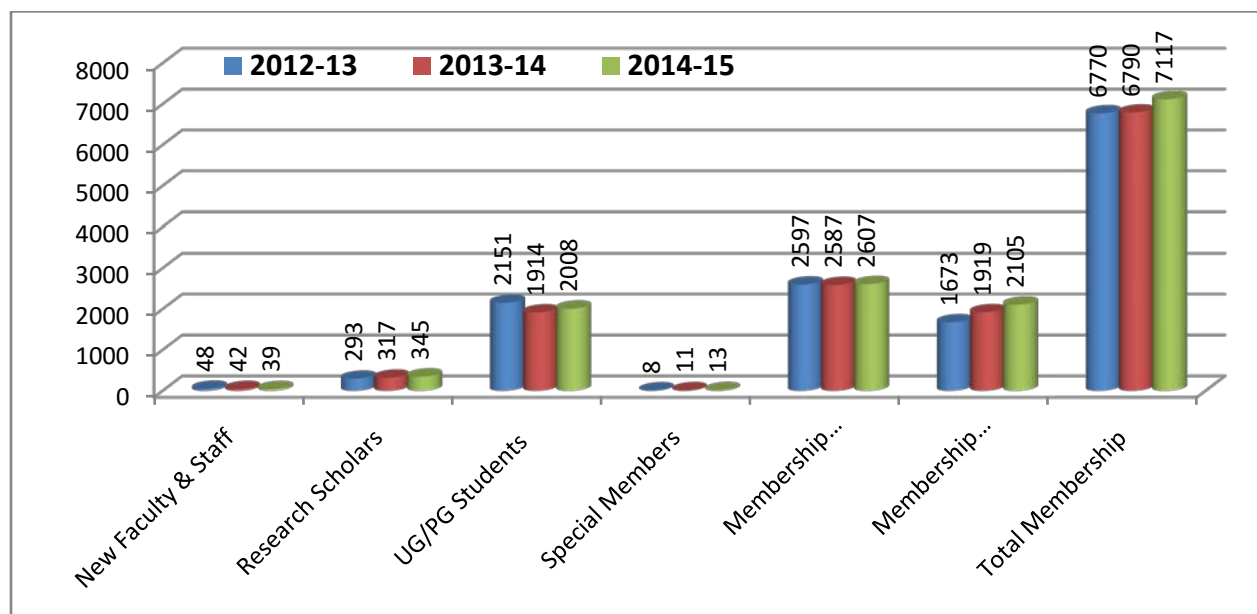
5.2General and Reserved Books Section-

This section remained open from 10A.M.till07 P.M. on all working days and from 9.45 A.M. till 06.30 P.M. on all weekends and restricted holidays.   A total number of 18092 general books and 100reserved reference books from this section were issued and 18233 books were returned during the period under report.This year around 1000outside visitors visited the library and on an average 200 books and periodicals were issued per day for home study in 250 transaction days (excluding weekends and holidays). A sum of Rs.1,73,633.00was collected as overdue charges from the users and deposited in the Institute Treasury during the FY 2014-15.

5.3 Textbook Loan Scheme (Book Bank Facility)-

This year around 4500students from UG and PG categories were benefited from this scheme in both the semesters and 23,135 books were issued and 23,488 books returned at time to time and at semesters end. After getting the recommendations from HOD and faculty members, 866 copies of new textbooks were added to the collection. The total number of books in this collection has gone up to 71,583 volumes this year.

Figure: Membership details of TBLS Users
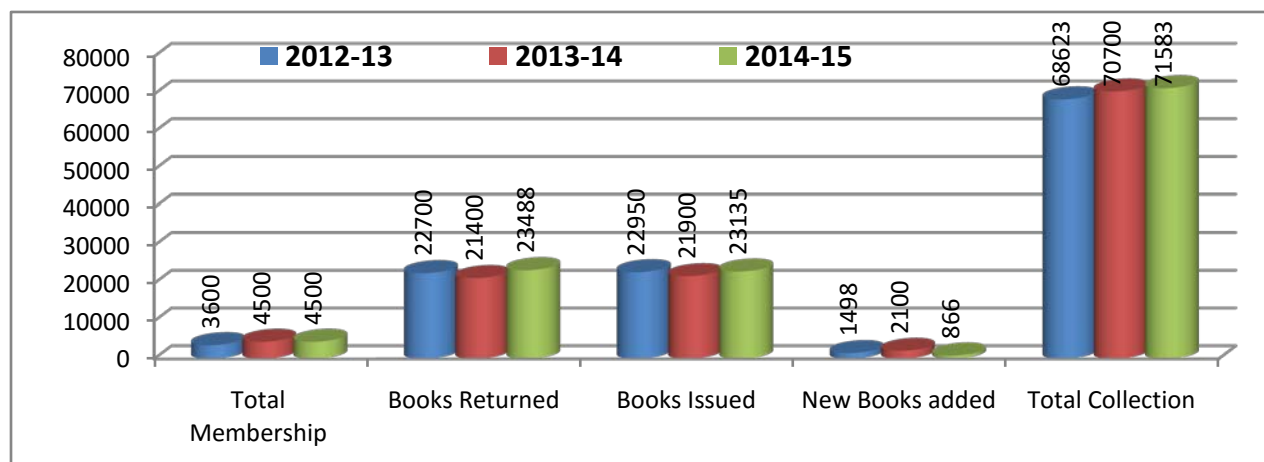
6. AUTOMATION AND NETWORKING SECTION-

6.1 Procurement of Hardware-

A total number of 24 All-in-one Pcs were added to the computing infrastructure of the MGCL.

6.2 Digitization of Archival Books for Repository-

A total number of 91580 pages of 210 Archival books have been digitized and added in Bhagirathi Repository.

7. BINDING OF BOOKS AND JOURNALS-

During this FY 770 books and 1562 journals volumes were got bounded and an amount of Rs.3,51,165/- was spent on binding work

8. ALL INDIAN SURVEY FOR HIGHER EDUCATION-

Institute Authority has identified MGCL as Nodal Center and Librarian as Nodal Officer for All India Survey for Higher Education project initiated by MHRD. Factual data regarding department wise total number of teaching and nonteaching staff, courses, discipline and category wise total number of students, resources and budget details, status and strength of facilities viz. hostels, class rooms, labs., Internet bandwidth etc. is collected from different departments and uploaded periodically to the server of project office.

9. USERS' SERVICES-

9.1 Document Delivery Service-

The Library being the level one member of INDEST–AICTE Consortium is well aware of its responsibilities towards the institutions those do not have access to many information resources. The

Library receives continuous requests from other IITs, NITs and other institutions for technical literatures. During this period, a total 128 articles request was received and 55 articles were delivered to them.

9.2 Educational Tour of outside students to MGCL-

More than 125 students/ visitors from the other intuitions including foreign students and faculty, officers inducted at Institute for QIP courses, B. Lib and M. Lib. students from nearby Universities/ Institutions visited the Library. The information about the collection, infrastructure, services and specific features of MGCL has been provided to them beside the tour of entire library building.

9.3 Xerox/ Printing Service-

During the FY 2014-15through reprographic service, 1,04,223computer prints and xerox pages has been provided to its users anda sum of Rs. 85,086.00 was collected for these services from the users and deposited in the Institute Treasury.

10. SPECIAL ACHIEVEMENTS-

10.1 Institutional Repository of These & Dissertations-

MGCL has launched a digital repository of these and dissertations for quick and easy browsing.Around 13,100digital records of Ph.D. theses and dissertations havebeen uploaded and made accessible to users.

10.2. PlagiarismCheckingof these and dissertations-

MGCL is working as central hub for plagiarism checking of the new Ph.D. theses and dissertations through Anti-Plagiarism software-*Turnitin.* Through this service200[+]theses and 900[+]dissertations have been checked during this period and originality certificates have been provided to research scholars and PG students.

11. AWARDS AND HONOURS-

1. Shri Yogendra Singh, Librarian was presented **"ILA-KAULA Best Librarian Award"** on 8th April. 2015 by Indian Library Association during 60th ILA International Conference held at Panjab University, Chandigarh.

2. IIT Roorkee was awarded **"Best User for EBSCO Information Services among all IITs"** for the year 2014.

3. IIT Roorkee was awarded **"Best User for ScienceDirect e-books at National Level"** for the year 2014.

12. OTHER IMPORTANT DATA ABOUT THE LIBRARY-

Total Working days	: 355
Total Nos. of Holidays	:10
Total number of staff	:28
a. Library Academic Staff	: 04
b. Professionals	: 16
c. Non Professionals	: 06
d. Secretarial staff (contract)	:01

e. Others (on contract)　　　　　　　　　: 01

13. Seminars/Workshops/ Short Term /Sponsored Courses organized by MGCL -

SN	Name of the Programme	Date
1.	National Workshop on Open Source Software- KOHA, DSPACE and JOOMLA	2-6 Feb 2015
2.	'User Education Programme on Web of Science for Research'	27th February 2015
3.	'User Education Programme on SCOPUS, Reaxys and Mendeley'	10th March 2015
4.	'User Education Programme on SciFinder'	18th March 2015

14. IMPORTANT EVENTS and EXHIBITIONS-

MGCL organized the following events and exhibitions-

SN	Exhibition	Duration
1.	Exhibition of Scientific and Technical Books	26-28 Aug, 2014
2.	Exhibition of Hindi Books during Hindi Pakhwada	14-21 Sep, 2014
3.	Observed and celebrated birthday of nations father Mahatma Gandhi on 2nd Oct 2013 and organized a week long "Exhibition of Gandhian Literature".	01-07 Oct., 2014
4.	Observed and celebrated birth anniversary of SardarVallabhbhai Pateland organized an Exhibition of books on and by Sardar Patel	31 Oct – 13 Nov 2014
5.	Observed and celebrated birthday of Pt. Jawaharlal Nehru as BAL DIWAS and organized an "Exhibition of books on and by Pt. Jawaharlal Nehru".	14-20 Nov, 2014

15. Trainings and Human Resource Development and visits of Library Academic Staff to Conferences/Seminars/ Other Institutions-

Name	Place	Purpose	Date
Shri Yogendra Singh, Librarian	New Castle Upon Tyne, UK	To attend the 6th International Integrity and Plagiarism Conference.	14-16th June 2014
	Kurukshetra University, Kurukshetra	Sri Yogendra Singh, Librarian acted as a member of Selection Committee for the selection of Deputy University Librarian.	21 Aug. 2014.
	NIT Srinagar	Acted as a member of Selection Committee	14th Oct. 2014
	University of Petroleum Engg. Studies, Dehradun	Chief Guest at the valedictory function of the Workshop on Open Library Management Software	8th Nov , 2014
	Graphic Era Univ., Dehradun	Delivered a lecture on a Seminar on Plagiarism detection and Prevention	6th Dec. 2014

	Central University of Himachal Pradesh, Daramshala	Delivered a key paper on "An Academic Librarian's Perception of LIS in India" during 20th LATLIS Conference.	27th Nov. 2014
	IIT Delhi	Participated in Purchase Finalization Committee of INDSET- AICTE Consortium	1-2, Dec. 2014
	Rajagiri University, Kochi on	Delivered a keynote address at Kerala Library Association Conference	17th Dec. 2014
	Manipal University Jaipur	Delivered a keynote address at International Conference on Knowledge Organisation in Academic Libraries (I-KOAL 2015)	2nd Jan. 2015.
	JP Institute, Noida.	Acted as Chairperson in technical session at *ETTLIS-2015* Conference	6th Jan, 2015
	AISECT University, Raisen Madhya Pradesh	Participated as an Expert in the Joint Expert Committee of UGC to ascertain the fulfillment of criteria by AISECT University, Raisen Madhya Pradesh	10-11th Feb, 2015
	PragatiMaidan, New Delhi.	Visited World Book Fair-2015 for selection of books for Library	15th Feb. 2015
	ABV-IIITM, Gwalior	Attended one day Workshop on *"To Develop a Roadmap of Library"*	13th Mar, 2015

16. DISTINGUISHED VISITORS TO THE LIBRARY-

Date	Visitor's Name and Address	Remark
14.9.2014	चित्रा मुदगल, B-105, वर्धमान अपार्टमेन्ट, मयूर विहार, फेज -१, नई दिल्ली	तकनिकी अध्ययन संस्थान से यह मुलाकात - इतिहास से साक्षात् भेंट है| हिंदी साहित्य के वैविध्य को समेटे यह एतिहासिक वाचनालाए अपने वास्तु और ज्ञान उपलब्धियों से यह चेताता है- पुस्तकों की मनुष्य के जीवन मैं क्या उपयोगिता है और वे कहीं न कहीं मनुष्यत्व को व्याख्यायित करती हुई उसके विकास और संवेदनाओ को संरक्षित ही नहीं करती - रोपती भी है व्यक्ति मैं| अद्भुत है पूरा वातावरण	अविस्मारियें है यहाँ आना| आभारी हूँ सभी के प्रति|
14.9.2014	प्रो. महावीर अग्रवाल, कुलपति,उत्तराखंड संस्कृत विश्वविद्यालय, हरिद्वार	आज हिंदी दिवस के सुखद- पावन एवं एतिहासिक दिवस पर भारतीय प्रोद्योगिकी संस्थान के वृहद् पुस्तकालय प्राच्य-अर्वाच्य साहित्य का अवलोकन कर अनिर्वचनीय आनंद अनुभव कर रहा हूँ| सुन्दर सुव्यवस्थित रूप से संचालित यह ज्ञान का मंदिर दर्शनीय एवं वन्दनीय है	यदि प्राचीन संस्कृत साहित्य का और अधिक संग्रह यहाँ किया जाये तो अत्यधिक लाभ होगा| मैं संस्थान के समस्त अधिकारियो को शुभकामनाएँ अर्पित करता हूँ|
13.11.2014	Anil Kokodkar (EX-Chairman AEC)	Great to be here and see the fantastic work. Keep it up.
13.11.2014	SC Dutta Roy Ex-Prof IIT Delhi and Member IIT Review Committee	I always enjoy coming to your beautiful library.
13.11.2014	Prof Larry William Kostiuk University of Alberta Canada	A beautiful place enjoyed it very much.
13.11.2014	T.Sridhar- Academic Vice President, Monash	An excellent library- one of the best that I have seen especially impressed with the documents that have been

	University and Member IIT Review Committee	archived.
22.11.2014	Vasant Waikar, Retd. Prof. of Statistics, Miami University, Oxford, Ohio, USA	I am very impressed with the library itself as well as the furniture. One of the best even when compared with the university libraries in the USA.
5.12.2014	Dr. ArunEktare, Retd. Prof., Computer Science, Colorade Mesa University, Colorado, USA	I visited IIT after 32 year. The campus has become quite impressive the library (specially) is now a far better place than I remember. Truly a remarkable architectural achievement.
5.12.2014	Kishan Kumar, Former Head, Dept. of Library & Information Sc., University of Delhi (Settled in USA)	The IIT Roorkee Central Library is a world class library. We should be proud of it. The credit goes to Dr. Yogendra Singh and his team. Dr. Singh should keep up his efforts and publicize the good work being done by him and his team.
13.12.2014	Jannat Shah, Director, IIM, Kashipur	IIT Roorkee Library is of global standard. Really impressed with the way library is managed. Very well designed and maintained. Institute is students and faculty centric.

17. APPENDIX-

List of Library Academic Staff (as on 31.3.2015)-

Librarian   :Sri Yogendra Singh, M.Sc., (Zoology), M.L.I.Sc. (Delhi), FSIS

Deputy Librarian   : Smt.Sushma Gupta, M.Sc.(Chemistry), M.L.I.Sc.(Annamalai)upto 30.11.2014

Asstt.Librarians   1.   : Sri Som Pal Singh, M.A., (Eng. Lit.) ,M.L.I.Sc.(Kurukshetra)

                2.   : Sri Amarendra Sharma, B.Sc.,M.L.I.Sc.(BHU), PGDCA (Kurukshetra)

Scientific Officer   : Smt. Nisha, M.C.A. (GKU, Haridwar), B.L.I.S. (IGNOU)