

Subject Wise Breakups of Resources as on 24/08/2016

Sr. No.	Name of the Subject/Department	Titles	Volumes	Print Journals		VTU Consortium	Project Report
				Nat.	Intl.		
1.	Mathematics	381	1332	1	1	Subject Wise Breakup List of e-Resources mentioned in the Report (2016)	
2.	Physics		523	1	1		
3.	Chemistry		672	1	1		
4.	Civil Engineering	440	2309	6	2		34
5.	Computer Science	410	1749	6	2		28
6.	Electronics & Communication	460	2235	6	2		12
7.	Electrical & Electronics	296	1585	6	2		
8.	Mechanical	425	2460	6	2		40
9.	Biomedical	409	1571	6	2		
10.	Aeronautical	427	1920	6	2		07
11.	General		294	----	----		
Total =		3248	16356	45	17		121

Subject Wise List of Print Journals (National & International) - 2016

Sr. No.	Category	Name of the Journal/Title	Periodicity
Mathematics			
1.	National	Proceedings- Mathematical Science.	Quarterly
2.	International	International Journal of Algebra, Number Theory.	Half Yearly
Physics			
3.	National	Pramana- Journal of Physics.	Monthly
4.	International	International Journal of Physics.	Half Yearly
Chemistry			
5.	National	Journal of Chemical SCI (Formerly: Proc).	Bi-Monthly
6.	International	International Journal of Pure & Applied Chemistry.	Quarterly
Computer Science			
7.	National	CSI Communications.	Monthly
8.	National	Voice & Data.	Monthly
9.	National	Linux for you with CD.	Monthly
10.	National	Indian Journal of Computer Technology.	Half Yearly
11.	National	Indian Journal of Advanced Software Engineering.	Half Yearly
12.	National	Information Today.	Monthly
13.	International	Computer Science & Knowledge Engineering.	Half Yearly
14.	International	Linux Journals/Linux Pro	Monthly
Electronics & Communication			
15.	National	Electronics Maker.	Monthly
16.	National	Journal of Electronics Circuits.	Half Yearly
17.	National	Electronics For You with CD.	Monthly
18.	National	Electronics Bazaar.	Monthly
19.	National	IEOI Electronics Engineering (Series-B)	Quarterly
20.	National	International Journal of Microelectronics & IT.	Half Yearly
21.	International	Electronics Engineering.	Half Yearly
22.	International	Electronics World.	Monthly
Electrical & Electronics			
23.	National	IEEMA Journal.	Monthly
24.	National	IOEI Electrical Engineering (Series-B).	Quarterly
25.	National	Resource Energy & Development.	Half Yearly
26.	National	Journal of Power & River Valley Development.	Quarterly
27.	National	Indian Power.	Quarterly
28.	National	Electrical India.	Monthly
29.	International	Power Engineering.	Half Yearly
30.	International	Electrical Energy System.	Half Yearly
Civil Engineering			
31.	National	Indian Highways.	Monthly

32.	National	Construction World Interiors.	Monthly
33.	National	Indian Concrete Journals.	Monthly
34.	National	Civil Engineering Construction Review.	Monthly
35.	National	Journal of Structural Engineering.	Bi-Monthly
36.	National	New Building Materials & Construction World.	Monthly
37.	International	Journal of Civil Engineering.	Half Yearly
38.	International	Journal of Sustainable Civil Engineering.	Half Yearly
Mechanical Engineering			
39.	National	Manufacturing Technology Today.	Monthly
40.	National	Indian Journal of Engineering & Material Science.	Bi-Monthly
41.	National	Journal of Manufacturing Engineering.	Quarterly
42.	National	Indian Journal of Material Science.	Half Yearly
43.	National	IOEI Metallurgical & Material Engineering.	Quarterly
44.	National	IOEI Mechanical Engineering (Pro, Aero, Marin)	Quarterly
45.	International	Advanced Mechatronics & Robotics.	Half Yearly
46.	International	Manufacturing Science & Technology.	Half Yearly
Aeronautical Engineering			
47.	National	Journal of Aerospace Sciences & Technology.	Quarterly
48.	National	Aircraft Maintenance Technology.	10 Issues/Yr
49.	National	Sp's Aviation.	Monthly
50.	National	Vayu Aerospace Review.	Bi-Monthly
51.	National	Chanakya Aerospace.	Monthly
52.	National	Aeromag Asia.	Bi-Monthly
53.	International	Aerospace Testing International.	Quarterly
54.	International	Aviation International News.	Monthly
Bio-Medical Engineering			
55.	National	Indian Journal of Biochemistry & Biophysics.	Bi-Monthly
56.	National	Medical Equipment and Automation.	Bi-Monthly
57.	National	Biomedicine Journal (Modern Medicine).	Quarterly
58.	National	Asian Journal of Pharmaceutics.	Quarterly
59.	National	International Journal of Green Pharmacy.	Quarterly
60.	National	Pharma Bio-World.	Monthly
61.	International	Biomedical Engineering & C.H.I.	Half Yearly
62.	International	Biomedical Signal Process.	Half Yearly

List of e-Resources: Publishers Wise Gateways (2016) (VTU Consortium)

<http://library.vtu.ac.in/>

VTU Consortium is the dream project of the university, to promote the use of e-Resources to its affiliated institutions to get access an affordable cost and to enable their faculty and students to access scholarly information on their fingertips

IEEE – IEL Online	www.ieeexplore.ieee.org
Elsevier Science (Science Direct)	www.sciencedirect.com
Springer e-Journals	www.link.springer.com
ASCE Library	www.ascelibrary.org/journals/all_journal_titles
Taylor & Francis Journals	www.tandfonline.com
Proquest - Engineering / Management	www.search.proquest.com
K-Nimbus: Digital Library Platform	https://www.knimbus.com/user/auth.do
Remote Access Solution	

Subject Wise/Publishers Wise Breakups of e-Resources (2016)

Sl. No.	e-Resources	Subject Coverage	Resources	No of e-Resources
1.	IEEE- IEL Online*	Electrical and Electronics Engineering + Computer Science+ Telecommunications and Computer Science Engineering and Related Allied Disciplines	<p>IEEE: Journals, Transactions, and magazines, including early access documents – 190 (Active & Archival) Conference proceedings – 1400+annual Standards- 3043 (Active & Archival)</p> <p>IET: Journals – 82 (Active & Archival) Conference proceedings – 20 + annual</p> <p>VDE Verlag* Conference proceedings – 20 + annual</p> <p>Alcatel – Lucent* Journals – 1 (bell labs tech journal)</p> <p>(Back titles from 1872 to till date)</p>	<p>273 Journals*</p> <p>6514 Conference Proceedings*</p> <p>3043 Standards*</p>

2.	Elsevier science	Engg + CS + EE + ME + EC + CV + (Allied branches of Engg)	Aeropace-3 Automotive-1 Biomedical-10 Chemical-22 Civil-35 Computer Science-83 Electrical and Electronic-38 Engineering(Gen)-23 Mechanical-73 (Back Issues from 2000 to 31 st Dec 2015)	288 Journals
3.	Springer e-Journals	Electrical & Electronics Mechanical Civil Engineering (Allied subject) Chemistry and Material science Mathematics Physics	Electrical and Electronic-58 Mechanical-44 Civil-13 Computer Science-93 Engineering (Allied subject)-39 Chemistry and Material science-162 Mathematics-167 Physics-104 (Back titles from 1997 to till date)	680 Journals
4.	ASCE	Civil Engineering	Journals-35 (Back file from-1983-till date)	35 Journals
5.	Taylor & Francis	Engineering + CSE + ME + CV And Allied Science	Allied Science-330 Mechanical-34 Textile-10 Engineering & Technology-69 Electrical-17 Computer Science-27 Civil & Structural-30 Bio Technology-17 (Back Issues from 1997 to 2015)	535 Journals
6.	Proquest	Engineering and technology Collections-2016 3900 e-Journals (All Engineering and it's Allied branches it includes	Full text Indexed (Back Issues from 2000)	3900 Journals 7800 Abstract

		Architecture) (PQETC)		
		ABI Inform Global-2016 2900 e-journals (Master of Business Administration) (PQABIG)	Full text Indexed (Back Issues from 2000)	2900 Journals 10300 Abstract
7.	K-Nimbus: Digital Library Platform	All subjects 12 K + Resources	OA resources: Journals + e-Books + e-Theses + Educational videos	12 K +
8.	Remote Access Solution	Cloud Based	1.24 X 7 seamless access 2.Admin control of librarians 3.Usage report for individual college can take 4.Secured remote access full text content	-

*Access to the IEL-Online is stalled because of the TDS issues with VTU. Hence, it will be activated immediately after the issue is resolved.

E-Resources detailed Description



ASCE- (American Society of Civil Engineers)

The ASCE is recognized globally for their significant contribution and dedication to the advancement of science and education in the civil engineering profession.

Content: ASCE e-Journals Package (35 e-Journals) over 300 titles (2015) (Back file Access – since 1983)

URL: http://ascelibrary.org/journals/all_journal_titles

Subject: Civil Engineering



PROQUEST Technology

The collection contains engineering related full-text articles, granular access to millions of figures and tables within articles, and the entire range of bibliographic records from the Engineering Research Database. Engineering Research Database contains a comprehensive index to world literature on technological and engineering innovations going back to 1966.

Subject: Engineering and Technology

URL: <http://search.proquest.com/science?accountid=165290>



PROQUEST Management

This database is one of the most comprehensive business databases on the market. It includes in-depth coverage for thousands of publications, most of which are available in full text and the latest business and financial information for researchers at all levels.

Subject:

Management

URL: <http://search.proquest.com/abiglobal?accountid=165290>

ScienceDirect

ELSEVIER's SCIENCE DIRECT

Science Direct is the web based interface to the full-text database of Elsevier Science journals, one of the world's largest providers of scientific, technical and medical (STM) literature. The Science Direct offers a rich electronic environment for research journals, bibliographic databases and reference works. The database offers more than 2,500 scientific, technical and medical peer-reviewed journals, over 75 million abstracts, over 9.65 million full-text scientific journal articles, connect with over 3,75,000 life sciences researchers and 2.75 million articles from 1994, an expanding suite of bibliographic databases and linking to another one million full-text articles via CrossRef to other publishers' platforms.

Subjects: Science and Technology

URL: <http://www.sciencedirect.com>



IEEE Xplore Digital Library

The IEEE Xplore® digital library provides access to IEEE journals, transactions and letters.

Content: IEEE- All Society Periodicals ePackage (ASPP) 275 e-Journals, 1000 eBooks, 6514 Conference proceedings, 3043 Technical Standards etc. (2015) (Back file Access – since 1872)

Subjects: CS, EE, EC, Telecom

URL: <http://ieeexplore.ieee.org>



Springer

Springer is a global publishing company that publishes books, e-books and peer-reviewed journals in science, technical and medical (STM) publishing.

Content: (1400 e-Journals) (2015) (Back file Access – since 1997),
(16000 Ebook) on Engg. field (©2005 to 2014)

Subjects: All Branches

URL: <http://link.springer.com>



Knimbus:Knimbus stands for Knowledge Cloud and is a dedicated knowledge discovery and collaborative space for researchers and scholars.

Content: 13000 open access journals and e books 1000

Subjects: All Branches

URL: <http://www.knimbus.com>



Taylor & Francis

T&F Group partners with researchers, scholarly societies, universities, and libraries worldwide to bring knowledge to life. As one of the world's leading publishers of scholarly journals, books, eBooks, reference works, and databases, our content spans all areas of the humanities, social sciences, behavioral sciences, science, technology, and medicine.

Content: 240 Journals

Subjects: All Engg Braches

Some Useful Websites

All India Council for Technical Education, New Delhi	www.aicte-india.org
Visvevsaraya Technological University, Belgaum	www.vtu.ac.in
University Grants Commission	www.ugc.ac.in
DELNET (Digital Library)	www.delnet.nic.in
INDEST (Digital Library)	www.indest.iitd.ac.in
National Aerospace Laboratories	www.nal.res.in
Association for Computing Machinery (ACM)	www.acm.org
Indian Society for Technical Education (ISTE)	www.isteonline.in
Institution of Engineers (India)	www.ieindia.org
Indian Institute of Science (IISc), Bangalore	www.iisc.ernet.in
Indian Institute of Management, Bangalore	www.iimb.ernet.in
National Programme on Technology Enhanced Learning	www.nptel.iitm.ac.in
NAL ICAST Gateway for Free E-Journals	http://www.icast.org.in/ejournal/ejournal.php

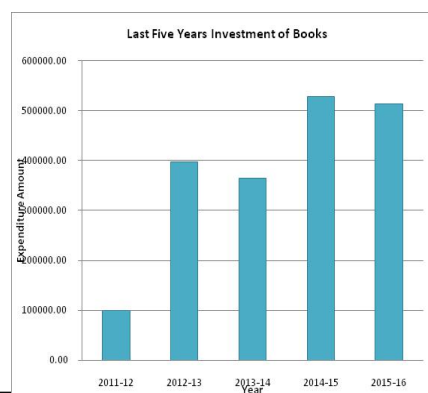
10. List of News Papers-12

Kannada	English	Hindu	Tamil	Maleyalam
Prajavani	Deccan Herald	Rajasthan Patrika	Daily Thanthi	Maleyala Manorama
Vijaya Karnataka	The Hindu			
Kannada Prabha	Indian Express			
Udayavani	Times of India			
	Bangalore Mirror			

Finance and Budget

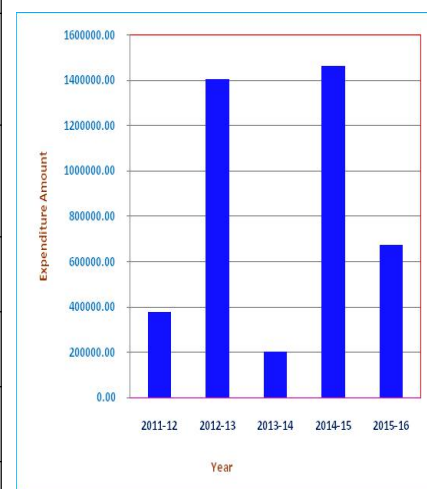
Expenditures on TEXTBOOKS for the last 5 years

Sr. No.	Year	Purchased No. of Books	Amount
1.	2011-12	3938	1,00,103.00
2.	2012-13	1226	3,97,427.00
3.	2013-14	812	3,63,880.00
4.	2014-15	1212	5,28,862.00
5.	2015-16	763	5,13,052.00
Grand Total =		7951	1,90,3324.00



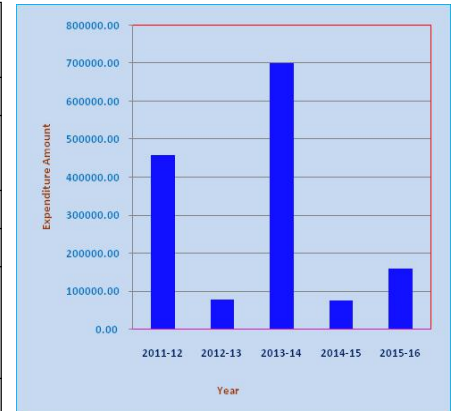
Expenditures on JOURNALS for the last 5 years

Sr. No.	Year	Current Year Print Journals		e-Resources	Amount
		Nat.	Intl.		
1.	2011-12	48	24	AICTE-INDEST Consortium	3,76,549.00
2.	2012-13	48	24	AICTE-INDEST Consortium	14,01,625.00
3.	2013-14	45	17	VTU Consortium	2,00,047.00
4.	2014-15	45	17	VTU Consortium	14,62,688.00
5.	2015-16	45	17	VTU Consortium	6,72,744.00
Grand Total =					41,13,653.00



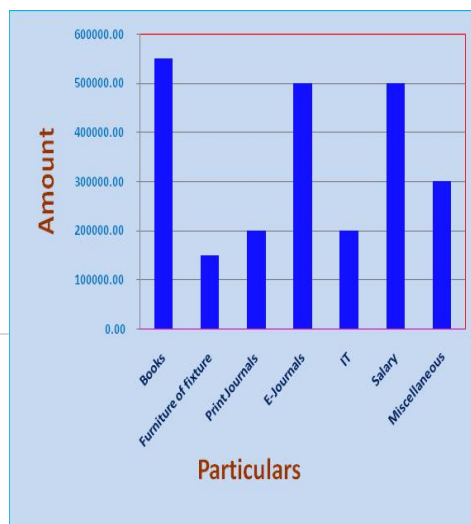
Expenditures on MISCELLANEOUS for the last 5 years

Sr. No.	Year	Particulars	Amount
1.	2011-12	Library ICT Materials	4,58,505.00
2.	2012-13	RFID Systems Maintenance CMC Charges	78,428.00
3.	2013-14	RFID Patron Cards & Inlay Tags	7,00,026.00
4.	2014-15	RFID Patron Cards & Inlay Tags	76,382.50
5.	2015-16	RFID & S/w CMC Charges for 2 ½ Years, Print Journals Binding & Embossing	1,59,891.00
Grand Total =			14,73,232.00



Proposed Budget for the year 2016-17

Sr. No.	Particulars	Approximate Quantity	Amount (In Rupees)
1.	Books (Textbooks & Reference books)		5,50,000.00
2.	Furniture of fixture	Depends	1,50,000.00
3.	Print Journals (National & International)	62	2,00,000.00
4.	E-Journals (VTU Consortium)	On Course & number of students basis	5,00,000.00
5.	IT Developments & Maintenance	RFID, Library Software, Computers maintenance, internet connectivity & others	2,00,000.00
6.	Staff Salary		5,00,000.00
7.	Miscellaneous		3,00,000.00
Grand Total =			24,00,000.00



General Instructions

Sr. No.	Subject
1.	Staff & Students are requested to enter their name and sign in the <u>Register</u> kept at the gate during entry & exit.
2.	RFID Card & ID Card is a must during textbooks transaction time & per Students can barrow 2 books at a time for 15 days period and if they fail to return within the due date fine levied Re.2- per book per day.
3.	Reference books, Journals, Project Reports & others are only for reference.
4.	Except note book & note pad, no personal Books/folders/files/blazers/Jerkins/Aprons are not allowed inside the library.
5.	If any student found misbehaving and not maintaining silence inside the library, he/she will be suspended from the library as per Library Advisory Committee direction.
6.	All borrowed books must be returned and dues must be settled prior to receiving examination hall tickets
7.	Mobile/Cell phone is strictly prohibited in the library premises.
8.	Refreshment of any kind is not allowed in the library premises.
9.	Marking, scratching, damaging, mutilating, stealing library materials or property will invite disciplinary action against the defaulters.
10.	Chairs, tables and other library equipments, fittings shall not be marked, defaced, disarranged. Readers should not rest or keep their feet on chairs, tables, shelves, etc.

Library Facility & Services

- a. Good Ambience; with furniture's, lights, ventilation & others.
- b. Library Automation (NewGenLib3.0.0 Version).
- c. Open Access System.
- d. Circulation Service.
- e. Reference Service.
- f. Internet Browsing Service.
- g. CD's/DVD's Browsing Service.

- h.** Reprography.
- i.** Newspaper Clipping Service.
- j.** Information Display and Notification.
- k.** Display of New Arrivals.
- l.** Book Exhibition.
- m.** Departmental Libraries.
- n.** Power Back-up & Question Bank Services.

Library Records Maintained

- a.** Accession Registers for Textbooks, Bound volumes, General Textbooks, Book Bank, WHO Books & Reports, CD-ROM's and etc.
- b.** Journals & Magazines Register.
- c.** Gate Register- Textbooks Users, Internet Users & others (Staff & Students).
- d.** Subject Wise Document List.
- e.** Bills file for Books, Journals & etc.,
- f.** Office related files.

Library Furniture and Capacity

320 Users can use the library at a time
Dimension: 15,488 Sq. ft.

Current Year Textbooks/Journals Vendor

- a.** Book Paradise, Bangalore.
- b.** SunRise Publishers & Distributors (P) Ltd., Bangalore.
- c.** Vikas Medical Book House, Bengaluru.
- d.** Jupiter House, Bangalore.
- e.** Surya Infotainment Pvt. Ltd., Bangalore.

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