Introduction

Gad & Birgit Rausing Library is a multi-disciplinary library serving the faculty, students, researchers and staff of the university. It also offers external membership services for individual executives and researchers with certain conditions. The library has a rich and diverse collection of materials, especially in terms of the breadth and depth of coverage. The collection is ideally suited to encourage and support both scholarly pursuits and practical research activities. The library has established its repute in the country by providing excellent services and facilities to fulfill information needs of its clients. It is using state-of-the-art technology and systems. The library has an extensive collection of over 250,000 printed and 150,000 electronic books, 35,000 electronic journals, and 2,500 other materials including audios, videos, CD-ROMS, DVDs, etc. The library is managed by a nice blend of professional and para-professional staff. They all are well qualified and experienced professionals, dedicated to provide high quality innovative services.

The library collection is housed on two floors. Ground floor has collection of Science & Engineering and Management Sciences. This floor also has print journals collection, popular books and literature. First floor has collection on Humanities, Social Sciences, and Law & Policy.

Renowned Calligrapher and Artist of Pakistan, Mr. Saeed Ahammad Bodla has donated his prestigious Islamic Calligraphy Art to Lahore University of Management Sciences (LUMS). To acknowledge Mr. Bodla's contribution, LUMS has inaugurated its first ever Art Gallery in the name of Mr. Bodla “Bodla Art Gallery” in Gad & Birgit Rausing Library.
Library Collections

The library has a variety of resources both in print and electronic formats. They are:

GENERAL COLLECTION
This is the main collection comprising high quality selective books related to the LUMS academic programs of all Schools. This collection includes books on Computer Science, Computer Engineering, Electrical Engineering, Mathematics, Statistics, Marketing, Accounting & Finance, HRM, Organizational Behavior, Strategic Management & Leadership, Philosophy & Psychology, Political Science, Economics, Religions, Law & Policy, Arts & Design, Language, Literature, and History & Biographies.

REFERENCE COLLECTION
A significant number of current reference sources are available in the library. Various electronic databases including micro data-sets produced by various data gathering agencies are distinct feature of the collection. This collection also contains dictionaries, encyclopedias, handbooks, yearbooks, government documents, atlases and bibliographies.

POPULAR BOOKS
This collection has books on current affairs, popular literature and fiction, best-selling books, competitive exams and biographies.

REPOSITORIES
The library is a depository for publications of World Bank, United Nations, Asian Development Bank, International Monetary Fund, International Trade Centre and European Union. The library has set up a separate section to house these publications. These collections mostly contain world data, demographic statistics, and economic trends.
Khalid Ishaque Collection
The library has received a rare donation of more than 100,000 books on law, philosophy, psychology, religion, economics, management, history, Pakistan studies, and other areas from the family of Mr. Khalid Ishaque (late). Mr. Khalid Ishaque was a well-known bibliophile, lawyer, educationist, and a scholar. To honor Mr. Khalid Ishaque, the library has named its first floor as Khalid Ishaque Wing. Books on philosophy, psychology, religion, politics, law, and history have been housed in this wing.

Notable Donations
The library has also received notable collection of law books from the families of Linda Walbridge, Barrister Ijaz Batalvi (late), Justice (R) Zaki-ud-Din Pal, Ms. Nasreen, Ms. Ansa Zafar, Syed Babar Ali and literary collection of books from Mr. Anwar Iqbal Qureshi and Mr. Sikandar Hayat Jamali and valuable books on multiple disciplines from Mr. Shoaib Yousef.

INFORMATION PRODUCTS

Pakistan Periodicals Index (PPI)
http://digitallibrary.lums.edu.pk/xmlui/handle/123456789/1
Pakistan Periodicals Index (PPI) is a searchable bibliographic database of articles published in major Pakistani periodicals. The index covers the period from January 1988 to date.

Press Clippings
http://digitallibrary.lums.edu.pk/xmlui/handle/123456789/17765
The library is maintaining press clippings on 51 broad subject areas from four daily newspapers namely The News International, Dawn, Business Recorder, and The Nation. The collection goes back to 1987. The library has also developed a searchable database of press clippings collection with full text/digital support from 2000 onwards.

Newspaper Archive
Thesis & Projects

http://digitallibrary.lums.edu.pk/xmlui/handle/123456789/16446

LUMS library is collecting and maintaining final year thesis and projects of the graduating students of PhD, MBA, EMBA, MS and BS Programs. These projects are housed separately and available for reference and literature searching.

Annual Reports

http://digitallibrary.lums.edu.pk/xmlui/handle/123456789/156495

This is a unique collection of the library. More than 12,000 annual reports of over 1000 stock listed companies have been collected and organized in this collection. About 5200 reports of 775 stock listed companies are available in soft format and these numbers are growing day by day.

Course Reserves

http://digitallibrary.lums.edu.pk/xmlui/handle/123456789/137239

The library has a collection of course reserves offered during last ten years. These course reserves have been developed by the faculty to fulfill the textual/course needs of the students. Soft format of these course reserves are also available on LUMS portal.

Digital Library/Institutional Repository:

http://digitallibrary.lums.edu.pk/xmlui

Library owns a significant number of digital resources. An institutional repository/digital library has been established to provide full text online access to library’s digital resources including electronic books, faculty research, student projects and presentations. It also includes library’s information products; Pakistan periodical index (PPI), press clippings, company reports, monthly library bulletins (MLB) and pamphlet collection.
Electronic Resources

The library has access to a wide range of electronic resources including e-databases, e-journals and e-books and e-theses accessible through VPN (Off Campus Access), campus wide network and from the library terminals. Some of them are:

**American Chemical Society (ACS):** http://pubs.acs.org
ACS is the leading publisher of peer-reviewed research journals in the chemical and related sciences, serving scientific communities worldwide through an unparalleled commitment to quality, reliability, and innovation. Full text access is available for all titles back to the start date of the publication, some back as far as the 1800s. American Physical Society (APS) APS is an authoritative source of physics information. It provides full text access to all APS material from 1893 to present.

**ACM Digital Library (Association of Computing Machinery):** http://dl.acm.org/dl.cfm
ACM Digital Library provides access to thirty magazines and journals in computing and IT, with complete archive reaching back to 1950’s. It also includes the ACM Special Interest Group newsletters and conference proceedings, many with full archives in 34 distinct areas of information technology address your varied interests - Programming Languages, Graphics, and Mobile Communications etc.

**Business Source Premier**
www.search.ebscohost.com
Business Source Premier is the most popular business research database. It features the full text for more than 2,150 journals. Full text is provided back from 1886, and searchable cited references back from 1998. Additional full text, non-journal content includes market research reports, industry reports, country reports, company profiles and SWOT analyses.

**IEEEExplore:** http://ieeexplore.ieee.org
Provides full-text access to 132 IEEE and 45 IEE journals, magazines, transactions and conference proceedings as well as active IEEE standards.
JSTOR: http://www.jstor.org/
Jstor is an online archive database with complete back files of over 700 core scholarly journals covering Business, Finance, Economics, Mathematics, Statistics, Languages, Law, Religion, Philosophy, Anthropology, History, Geography, Biological Sciences, Political Sciences and Education.

LexisNexis: http://www.lexisnexis.com
More than legal research, the LexisNexis, total research system provides online access to state and federal case law, codes and statutes, court documents and extensive secondary materials such as treatises and articles from law journals. It contains over 3.5 billion public records, business news, legal news, regional news, expert commentary on the law and Sheppard's® citations services.

A comprehensive database covering the world's mathematical literature. It is the online version of Mathematical Reviews and Current Mathematical Publications, which are published by the American Mathematical Society. MathSciNet indexes and abstracts journals, books, and proceedings in mathematics. The database covers from 1940 to the present and is updated daily.

Scopus: http://www.scopus.com/
Scopus is the largest abstract and citation database of peer-reviewed research literature with more than 20,500 titles from more than 5,000 international publishers. Scopus offers researchers a quick, easy and comprehensive resource to support their research needs in the scientific, technical, medical and social sciences fields and arts and humanities.

Science Direct: http://www.sciencedirect.com/
The world's leading electronic collection of scientific journals. This database provides access to the full text of last 10 years. The subject areas covered in this database include Business Management, Accounting, Mathematics, Computer Science and Economics.

SpringerLink: http://link.springer.com/
SpringerLink is one of the world's leading online information services for scientific, technical and medical books and journals. It provides access to over 1100 fully peer reviewed journals with back files starting from different dates. For further details: Please visit library website @: http://library.lums.edu.pk/irs_edatabasesAZ.html

Taylor & Francis Journals Online: http://www.tandfonline.com/
It provides access to over 1100 peer-reviewed research journals published by Taylor & Francis, Routledge, Psychology Press and Informa Healthcare in Sciences, Engineering and Humanities subject areas dating back to 1997.
Wiley Interscience: http://onlinelibrary.wiley.com/
Wiley InterScience offers over 3 million articles from 1400+ journals, the combined output of all Wiley-Blackwell peer reviewed primary research and survey journals. It covers the full spectrum of science, technology, engineering, medicine, business, social sciences and humanities. Many of these titles are ranked at forefront of their fields.

E-Books
The LUMS library has a good collection of over 150,000 online books accessible through various databases and it is growing fast.

Ebrary: http://site.ebrary.com/lib/lahoremanagement/home.action
It offers an increasing selection of more than 100,000 e-Books in business, economics, computers, engineering and technology.

Digital Engineering Library offers access to the selection of more than 4,000 engineering articles from world renowned McGraw-Hill publications, including classics

World Bank e-library is one of the most comprehensive collections in the area of social & economic development. It has more than 1396 World Bank publications and over 1936 policy research working papers.
LIBRARY SYSTEMS

Library Website:  http://lums.edu.pk/library/
The library website provides a comprehensive gateway to a wide range of library materials, both printed and online. It is a primary source for information about library collections, services and facilities. User self-sufficiency and ease of access are promoted by designing a single, coherent and remotely accessible interface.

Library iPortal:  http://libraryportal.lums.edu.pk
Library Portal provides access to library catalogue and secure access to user accounts & activities. Patrons can view their library accounts and circulation activities through the portal. They can also renew or reserve the borrowed items. Some important features of library portal include

- Social tagging and links to Facebook, Twitter, etc.
- User reviews and rating of library items (books, journals etc.)
- Integration with Google Books
- User updates of contact information
- Remember My Search feature for future retrieval
- Maintenance of Reading Lists
- RSS Feed for new additions
- Book cart/bag tool to Email Cart/List Contents or export to citation management tools (Endnote, Zotero, Mendeley etc.)

EBSCO Discovery Service:  https://search.ebscohost.com
Web Discovery Service helps the LUMS community to search library's subscribed print and electronic contents through single Google like interface. It provides search interface for all electronic databases, e-books, institutional repository and library catalog items. It also provides browsing/searching of subscribed electronic journals through title, subject and publisher.
Off Campus Access to Full Text Resources

Library provides remote access to its electronic resources through Virtual Private Network (VPN). The VPN facility is available to LUMS faculty and students only.

Library Mobile App
Provides easy and instant access to library resources through mobile devices anytime and anywhere. It allows users to search, renew & hold books through library portal. It provides full-text access to subscribed resources through Google-like single search interface. Available for any device: Android, iOS (iPhone, iPod Touch, iPad), Windows Phone 8, Windows 8, Windows Mobile and Kindle Fire!

Radio Frequency Identification System (RFID)
Library has been employing Radio Frequency Identification (RFID) technology based security & shelf management system to ensure quick and easy retrieval of library materials. It facilitates in keeping track of wrongly shelved items as well as makes sure fool proof security of the materials.

Wi-Fi
Library is a hot spot. Patrons can use their laptops, mobile phones & notebooks with built-in wireless adaptor to avail this service.

Multimedia Section: http://panopto.lums.edu.pk

Library Multimedia section provides access to audiovisual material: DVDs, CD-ROMs and videos for borrowing as well as in-house facilities to watch. Library media Server provides 24/7 access to LUMS faculty member’s video lectures as well as research documentaries and academic videos.

e-Kiosks:
Library e-kiosks are the high-tech computer terminals dedicated to provide access to information, library portal, and library subscribed databases for education and research. These kiosks facilitate the users to retrieve relevant research data for their articles, assignments, projects and theses.
Library Services

RESEARCH SUPPORT SERVICES

LITERATURE SEARCHING
Library facilitates its patrons in searching for relevant literature in order to support their academic and research endeavors.

INFORMATION LITERACY PROGRAMS
The library provides instructional programs to maximize the use of library resources and services. It includes orientation programmes, hands-on trainings, in-class sessions, workshops and seminars on various instructional and research tools like Turnitin, Endnote, SPSS, Latex and use of different electronic databases.

PLAGIARISM DETECTION SERVICES
Library facilitates LUMS faculty's access to online plagiarism detection and management software i.e. Turnitin. Library also provides similarity reports and certificates according to HEC rules for final thesis and projects.

BOOK PUBLISHING SUPPORT
Library helps researchers in publishing their books by providing them services to create back-of-book index.

CITATION MANAGEMENT SERVICES
Library facilitates researchers, faculty and students of the university in managing their citations/bibliographies. For this purpose, we are exploiting commercial as well as free-of-cost citation management tools. These tools include End Note, Ref Works and Zotero. Library also provides hands-on training to effectively utilize these resources.
HELP DESKS
Specialized help desks have been set up to provide in-depth reference and research support. Users can make queries through telephone, fax, and e-mail. These help desks are:

Business & Economics
Help Desk EXT: 4106

Humanities, Social Sciences & Law
Help Desk EXT: 4119

Science & Engineering
Help Desk EXT: 8261

CIRCULATION SERVICES
Library offers active lending services to its patrons. Borrowing privileges vary according to membership category. Smart card is must for making transaction at library circulation counter. State-of-the-art system employed by the library keep users updated with the status of their transactions through regular renewal and overdue reminders.

SELF-CHECK STATION
Self-Check Service is mechanism for library patrons to process transaction by their own. Library now offers self-check service at ground floor. This service is available to all students, faculty and staff having valid borrowing privileges. In case of any difficulty in using this service, please do not hesitate to contact at circulation desk or library help desk.

INTER LIBRARY LOAN (ILL)
If a book or other item is not available in the library, we have special arrangements to acquire that item from other libraries through Inter Library loan.

SERVICES FOR SPECIAL PERSONS
The library is committed to provide equitable access to information to special person of the LUMS Community. Library staff will make good faith efforts to accommodate reasonable requests for assistance in obtaining, accessing, and making use of library resources, materials, and services. One system is dedicated for this purpose in Multimedia section of library.

FINISHING CORNERS:
Gad and Birgit Rausing Library has recently established two Finishing Corners on both floors to facilitate the users in their research work. The finishing corners include auto punching, auto staplers and auto sharpeners.
EXTERNAL MEMBERSHIP SERVICES

In response to a great demand from outside world, the library provides conditional temporary/annual membership to LUMS Alumni, faculty, researchers, international visitors and postgraduate students. The Library offers following types of external membership services:

- Gold (Individual/Alumni)
- Classic (Individual/Alumni)
- Temporary Membership

LUMS alumni do not need to pay registration fee to obtain library’s external membership. Similarly, we are offering 50% discount on registration fee for REDC alumni. Payments can also be made online at: - http://pay.lums.edu.pk

DOCUMENT DELIVERY SERVICE

The library has special arrangement with the international documents supply centers. If a journal article is not available within library holdings or online databases the library can get it delivered electronically. The electronic document delivery service is restricted to research projects only.

PHOTOCOPYING AND PRINTING

Two self-service photocopying/printing machines are available. Cards for photocopying/printing purposes can be obtained from the library circulation desk after making required payment at the banks at LUMS.

SCANNING SERVICE

Library has recently provided high-tech scanners for patrons use at both floors of the library. Scan and deliver service is available to the students, faculty and the staff. Users must use their own login ID and passwords to save documents in flash drives or to send an email.

All patrons are expected to abide by the regulations of the Copyright Law of Pakistan. Violation of the Copyright Law at self-service scanners is the sole responsibility of the reader. Library accept no liability in case of copyright violation.
Information Learning & Scholar Commons

Library has Learning, Research & Scholar Commons at the first floor (KIC wing) of the library which provide latest digital devices (Kindles, Scanners, Printers, and multimedia) facilities for the students in an interactive environment. These sections provide conducive environment for group learning, discussions, presentations preparation and conducting lectures.

Coffee Reading and Discussion Lounge
A coffee reading and discussion lounge has been established at its first floor to facilitate leisure reading. Library users can enjoy coffee with reading to refresh their minds.

Kindle E-book Readers
Kindles have been made available to the library users with preloaded popular books and course packs. Library’s online resources can also be accessed through these devices.

Mobile Charging Points
Library has two mobile charging points at both floors to charge student’s electronic devices like mobile phones, tablets, laptops etc.
Library General Rules

Users are expected to observe the following rules for smooth & effective library services.

• Submit any book or object for inspection, when requested by the library staff.

• Do not write, underline or mark any book. Library books are carefully examined on return and the borrower will be held responsible for the damage.

• Kindle and DVDs will be issued for one day only.

• After reading, leave books on the table or on the book trolley. Please do not shelve the books.

• Complete silence should be observed except for brief and subdued talk with the library staff.

• Drinks and eatables are not allowed in the library.

• Keep your mobiles in silent mode within the library premises.

• Smart card is a must to check out any library item.

• Make sure you have provided correct e-mail address while filling your library relationship form.
• Report lost book(s) or other material(s) to the library immediately through email or personally at circulation desk to avoid overdue fines.

• Make sure that you know the due dates when you check out library material. It will help you avoid overdue fines by online renewing of your borrowed item(s) within due date.

• While returning library books or other materials at the circulation desk, please ensure that the circulation staff has returned the item(s) from your account.

• Do not give your smart card or checked out material(s) to others. This may be helpful to avoid hefty overdue fines, especially in case of course reserves.

• Smoking is strictly prohibited inside the library.

• Short pants are not allowed in the library.
<table>
<thead>
<tr>
<th>Category</th>
<th>Books</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate and Postgraduate</td>
<td>15</td>
<td>14 days</td>
</tr>
<tr>
<td>Students (LLB, MBA, MS, PhD)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Students (B.Sc)</td>
<td>08</td>
<td>14 days</td>
</tr>
<tr>
<td>Research Associates</td>
<td>15</td>
<td>14 days</td>
</tr>
<tr>
<td>Teaching Assistants</td>
<td>08</td>
<td>14 days</td>
</tr>
<tr>
<td>Staff</td>
<td>04</td>
<td>14 days</td>
</tr>
<tr>
<td>External Members</td>
<td>04</td>
<td>14 days</td>
</tr>
<tr>
<td>Faculty</td>
<td>30</td>
<td>120 days</td>
</tr>
</tbody>
</table>
OPENING HOURS

Library remains open 7 days a week and around-the-clock during exams. Coffee reading area remains open 24/7. The regular timings are:

Monday - Friday
8:30 a.m - 2:00 a.m

Saturday
10:00 a.m - 10:00 p.m

Sunday
2:00 p.m - 10:00 p.m

Library remains closed on public holidays.

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e-mail:
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