



Library Research Guide for Computer Science

<http://library.fccollege.edu.pk>

Finding Online Databases:

The Ewing Memorial Library subscribes to various scholarly databases through HEC Digital Library as well as its own institutional subscription such as Jstor. To search scholarly articles and ebooks on Computer Science please consult the following databases

Springer Link: <http://link.springer.com/>

One of the world's leading online information services for scientific, technical, and medical books and journals. It is a highly valuable resource and provides access to over 100 *fully peer reviewed journals* on Artificial Intelligence, Software engineering, Computer systems, Data structures, Cryptology etc.

Taylor and Francis Journals: <http://taylorandfrancis.com/journals>

Taylor and Francis is a rich scholarly database. It provides access to 72 *Full text Journals* on Artificial intelligence, Computation, Algorithms, System and computer architecture, Software engineering and systems development, Computer graphics and visualizations etc.

Wiley Online Library: <http://onlinelibrary.wiley.com/>

Wiley Online Library is a huge scholarly resource providing full text access to over 60 scholarly journals on Computer hardware, Database & Data warehousing technologies, Networking, Object technologies, Programming and software development, Visualizations and computer graphics, Website development.

ProQuest Dissertations and Theses Global: <https://search.proquest.com/?accountid=135034>

ProQuest Dissertations & Theses Global is the world's most comprehensive collection of dissertations and theses from around the world, spanning from 1743 to the present day. It contains access to 78,300 thesis and dissertations on the subject of computer science.

ProQuest Ebook Central: <https://ebookcentral.proquest.com/lib/hec-ebooks/home.action>

It offers a wide variety of multidisciplinary content. It provides access to over 1 million eBooks on different subject areas. It provides access to 5683 eBooks on Computer science and Information technology.

INFORMS Pubs Online: <https://pubsonline.informs.org/>

INFORMS publishes 16 scholarly journals covering subject areas such as Operation Research, Management Science, Analytics, Operations Management & Research, Information Systems, Decision Analysis, Marketing Research, Research Theory, Strategic Management and Supply Chain Management.

Project Muse: <https://muse.jhu.edu/>

Project MUSE is a leading provider of digital humanities and social sciences content. 381 MUSE Books can be accessed and downloaded in Full text by chapters on the subject of Science, Technology & Mathematics.

ASTM International Standards: <https://compass.astm.org/CUSTOMERS/index.html>

The ASTM Standards & Engineering Digital Library is a vast collection of industry-leading standards and technical engineering information. It covers a broad range of engineering disciplines, including aerospace, biomedical, biotechnological, chemical, civil, environmental, geological, health and safety, industrial, materials science, mechanical, nuclear, petroleum, soil science and solar engineering.

Cambridge Core: <https://www.cambridge.org/core/>

Cambridge Core – the home of academic content is a valuable scholarly database to access useful and inspirational research and academic information. Cambridge core currently acquires over 1 million journal articles and 30,000+ ebooks in a wide range of subjects such as information sciences, social sciences and management sciences.

Finding Print & eBooks in the library:

To find books go the Ewing Memorial Library I-portal (<http://libraryportal.fccollege.edu.pk>) Search the collection by Author, Title or Subject. To browse the library shelves for resources in Computer Science try the following call numbers.

Computer Science	004
Computer Programming	005
Special Computer Methods	006

Finding Scholarly Journals:

The Ewing Memorial Library subscribes to 30 scholarly journals and 9 popular magazines on different subject areas. A complete list of these journals is available at library website <http://library.fccollege.edu.pk/online-databases/journal-and-magazines> and at the help desks. To browse these journals go to the Periodical section in the library where the recent issues of the journals are displayed while the archives are housed separately.

Journals in Computer Science:

- Algorithmica
- ACM Transactions on Computer Science
- Journal of the ACM
- The Computer Journal
- ACM Computing Surveys
- Journal of computer and System Sciences
- IEEE Transactions on Pattern Analysis and Machine Intelligence

Open Course Wares:

If you want to get access to lecture notes, power point presentations, video lectures on a particular topic of foreign universities you are recommended to search the following open course wares.

Virtual University Open courseware <http://ocw.vu.edu.p>

MIT Open Courseware <http://ocw.mit.edu>

Research Help:

The library subscribes to citation tools and online scholarly databases. If you are facing difficulty citing the sources or need a training session on any of the online databases, feel free to contact the Helpdesks in Ewing Memorial Library and Information Commons (S-125), in person or send us an email at library@fccollege.edu.pk.