

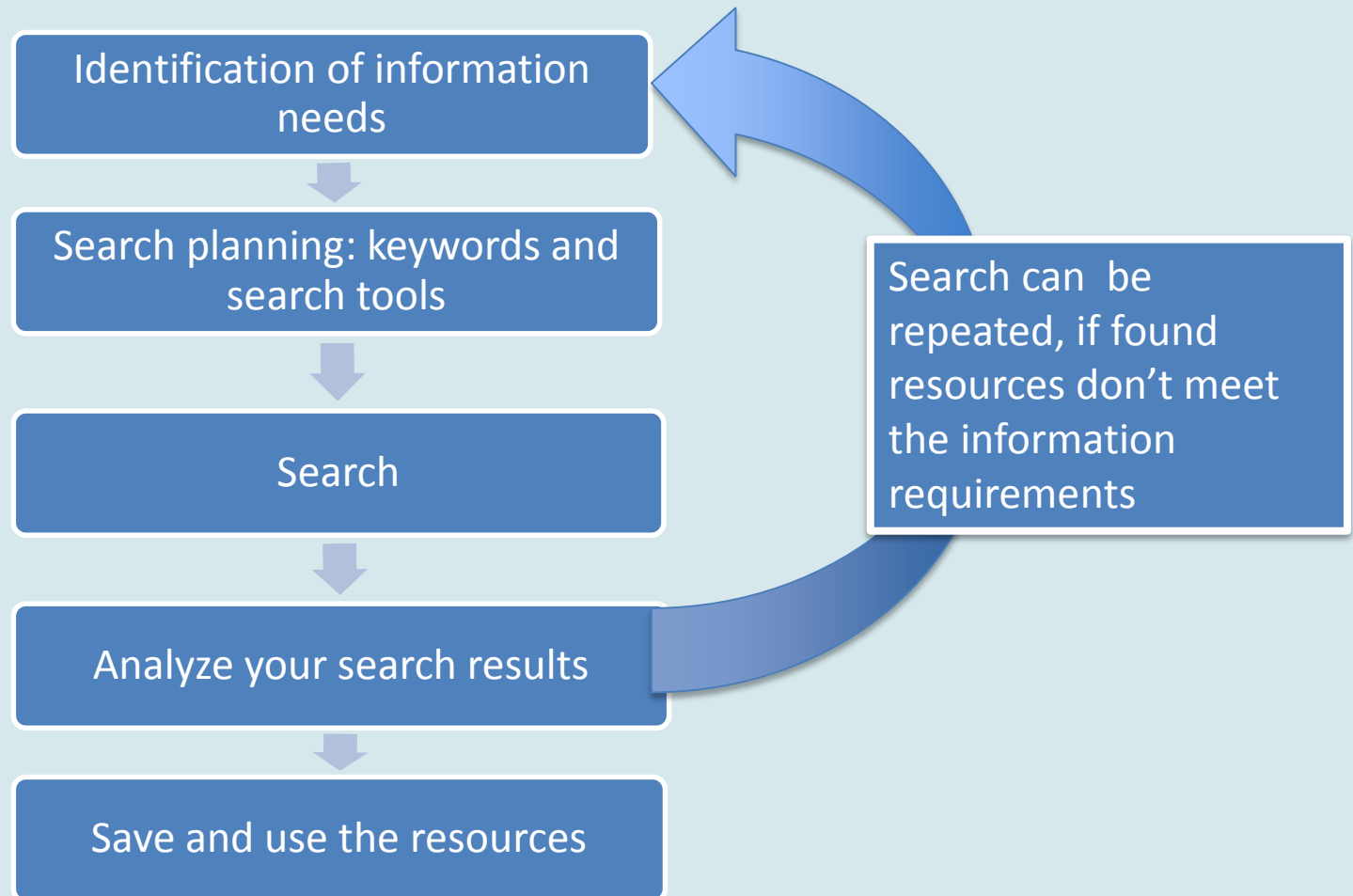
HOW TO FIND INFORMATION RESOURCES FOR YOUR MASTER THESIS/COURSE PAPER ? (Technological and Physical Sciences)

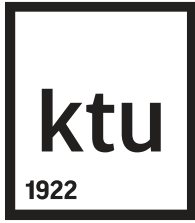
Auksė Patackienė

KTU Library

- ❑ Information search process
- ❑ How to find information in the library catalogue and other resources of the library?
- ❑ How to find e-books?
- ❑ How to find e-articles?
- ❑ How to find information in open access resources?

Information search process





Identification of information needs

- ❖ How recent the information should be?
- ❖ What type and what kind of information do you need?
- ❖ What format of information do you need?
- ❖ What languages will you use in your search?
- ❖ How much information do you need?
- ❖ How much time do you have for information search?



- ❖ Identification of keywords based on the topic and aspects related with the topic.
- ❖ Alternative terms, synonyms.
- ❖ Context is relevant while searching for information.





Where to find keywords?

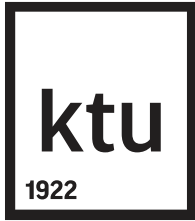
Encyclopedias

Dictionaries

Thesaurus

THESAURUS – a dictionary of synonyms consisting of a comprehensive list of subjects concerning which information may be retrieved by using the proper key terms

- Thesaurus.com <http://thesaurus.com/> ,
- Merriam-Webster <http://www.merriam-webster.com/>
- *Subject Terms* in Academic Search Complete (EBSCO): <http://search.epnet.com/> → EBSCOhost Web → Academic Search Complete
- NASA Thesaurus:
<http://www.sti.nasa.gov/thesvol1.pdf>
<http://www.sti.nasa.gov/thesvol2.pdf>



Search tools for research information

Google ????

Googol = 10^{100}

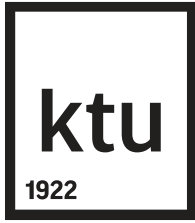
Institutional or joint library e-catalogues

Databases of institutional publications, theses and dissertations

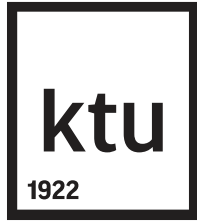
Subscribed research databases, e.g., ScienceDirect, EBSCO, SpringerLINK, etc.

Open Access resources of research information, e.g., Directory of Open Access Journals, HighwirePress, etc.

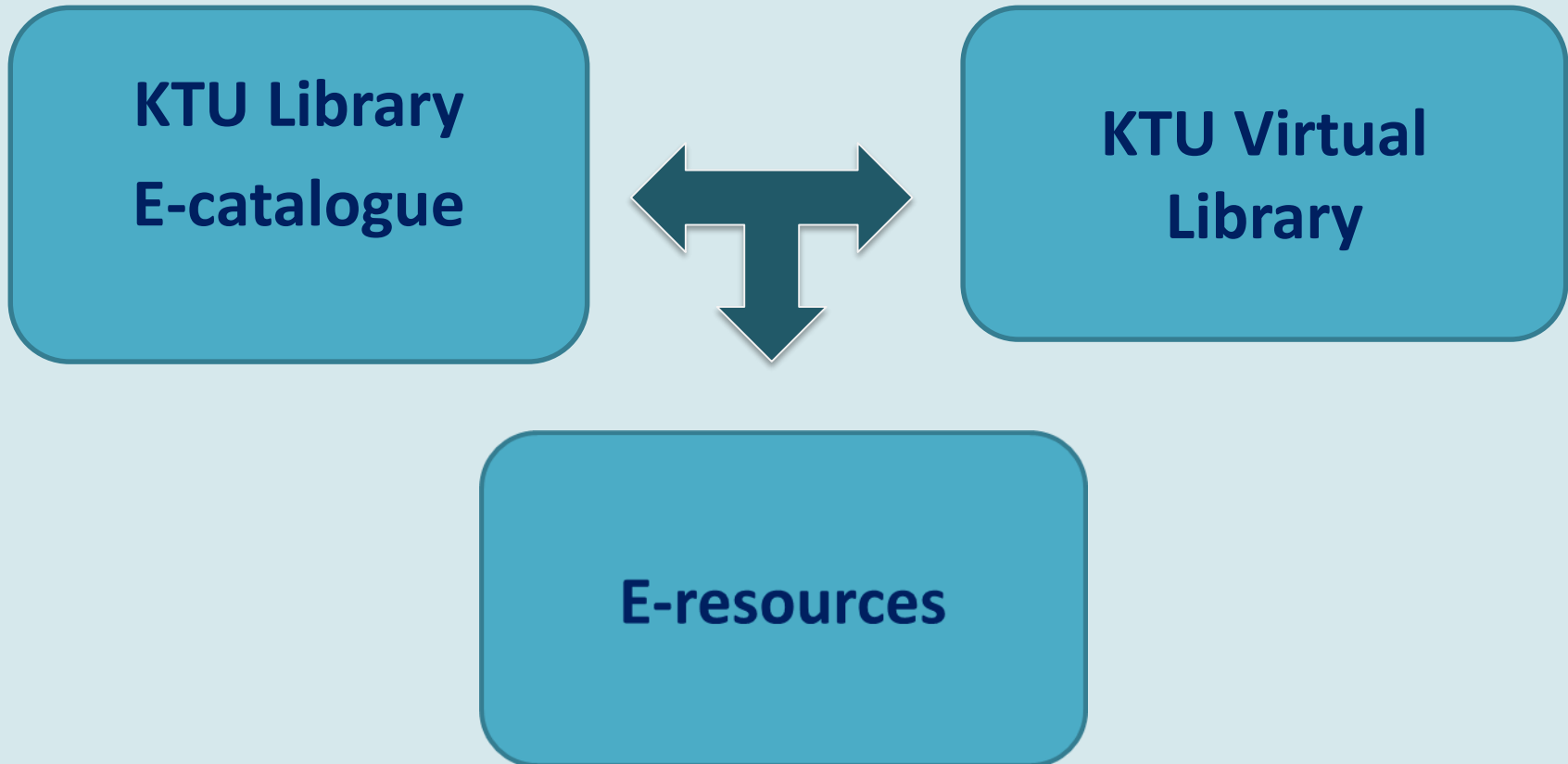
Search engines of research information, e.g., Google Scholar, RefSeek, etc.

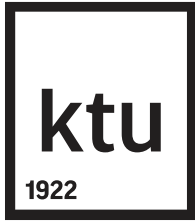


- It is impossible to find all relevant information resources. It is very important to keep balance between quantity and quality.
- There is no right solution, best search tool or the only keyword. You can change your search strategy.
- The main search principles (choosing keywords, search tools and resources) can be applied for searching in any information resource.
- Write down selected keywords, search tools etc. Save the relevant documents and information about them, make notes.
- You can always ask a librarian for advice.



How to begin your search?





Search for books in the e-catalogue <http://ktu.edu/en/library>

The screenshot displays the KTU Library website. At the top left is the KTU 1922 logo. To the right are navigation links for Admissions, Students, and Business. Below these is a 'MY KTU' dropdown menu, a home icon, a search bar, and an 'LT' button. A main navigation bar includes links for RESEARCH, INSTITUTES, STUDIES, FACULTIES, LIBRARY (highlighted with a red box), UNIVERSITY, and CONTACTS. The breadcrumb trail shows 'KTU > Library'. The main content area is titled 'Library' and features a search bar with a 'Search' button. Below the search bar are three radio button options: 'Library Catalogue' (selected and circled in red), 'KTU Science Publications', and 'KTU Virtual Library'. A URL 'http://ktu.library.lt/en' is provided, along with social media icons for Facebook, Twitter, and LinkedIn. On the right side of the page, there is a blurred image of a bookshelf.



Search for books in the [e-catalogue](#)

Logout | My account | Options | Library | Ask librarian | Help | IT help | Lietuviškai

ktu kaunas university of technology 1922

LIBRARY CATALOGUE

BROWSE A-Z | SEARCH | SEARCH RESULTS | PREVIOUS SEARCHES | E-SHELF | PUBLICATIONS | VIRTUAL LIBRARY | OTHER RESOURCES

Basic Search

[Basic Search](#) | [Multi-field Search](#) | [Advanced Search](#) | [Multi-base Search](#) | [CCL Search](#)

Type word or phrase

Field to search **Any word**

Words adjacent? No Yes

Base to search **KTU Library Catalogue**

Limit search to:

Language **all** Year from Year to

Format **all** Location **all**

Search hints

- If you choose Yes for "Words adjacent," you can type in the phrase *computer programming*.
- Lowercase letters will find matches of capitalized words also. For example, *computer*.
- You may use the Boolean operators AND and OR in your search string. For example *word surgery*.
- Use the ? or * character to find matches that contain portions of words. For example *archaeology*, *psychology*, etc. The ? character may also be used to find variant spelling

For more advanced search use **multi-field** and **advanced** searches.
Multi-base search is intended for simultaneous search in multiple library resources.
CCL search is intended for search using Common Command Language query.

Any word

- Any word
- Title/serial
- Author (person or corporate)
- Name (author or other contributor)
- Corporate (author or other contributor)
- Place of publication
- Publisher
- Year of publishing
- Subject (lit)
- UDC
- ISBN, ISSN, ISMN
- Holdings cypher
- System No
- Barcode

KTU Virtual Library

it have the word *computer* NEXT to the word

is having *heart* or *cardiac* in them, together with the

her example, *? ology* will retrieve *anthropology*, *um*, and the British spelling, *aluminium*.

ktu library 1922

K. Donelaičio g. 20, LT-44239 Kaunas
Tel. +370 37 300 855
E-mail biblioteka@ktu.lt
www.ktu.edu/en/library

LABT

© 1999-2015 Lithuanian Academic Libraries Network (LABT)
Based on Aleph (Ex Libris, Ltd.)



KTU Virtual Library



► Admissions ► Students ► Business

MY KTU ▼   LT

RESEARCH INSTITUTES STUDIES FACULTIES LIBRARY UNIVERSITY CONTACTS

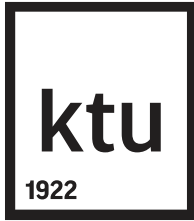
KTU > Library

Library

Library Catalogue KTU Science Publications **KTU Virtual Library**

Lending period extention: <http://ktu.library.it/en>





Search in KTU Virtual Library –‘a single search box‘. Search is performed in all library resources (books, e-books, ETD, subscribed databases, KTU publication database, etc.).

The screenshot shows the top navigation bar with links for 'KTU Library', 'Search', 'Databases', and 'E-Books'. Below this is the KTU logo and the text 'kaunas university of technology' and '1922'. The main search area features a search input field, a dropdown menu set to 'All Library Resources', a 'Search' button, and links for 'Advanced Search' and 'Browse Search'. Below the search bar are three dropdown menus: 'All items', 'that contain my query words', and 'anywhere in the record'. The main content area contains a paragraph about signing into the library and another paragraph about using the same login as the library catalogue. On the right side, there are two boxes: 'KTU VL Help' with the text 'We Offer help of LV portal' and 'KTU VL on you phone' with the text 'Please bookmark link ktu.lvb.lt/en/ to access KTU VL on you mobile device.' and an image of a smartphone. At the bottom right, there is a 'Notices' section with a link to 'Questions'.

KTU Library Search Databases E-Books

ktu kaunas university of technology 1922

All Library Resources Search Advanced Search Browse Search

All items that contain my query words anywhere in the record

When you sign into KTU Virtual Library, you are able to send item requests, use library services; tag and review items; set alerts for your queries; add items you found and queries you submitted permanently to your e-Shelf.

Use the same user name and password like in library catalogue signing in KTU VL.

KTU VL Help
We Offer help of LV portal

KTU VL on you phone
Please bookmark link ktu.lvb.lt/en/ to access KTU VL on you mobile device.

Notices
> [Questions](#)



Search for theses and dissertations

- *Lithuanian electronic theses and dissertation database ([ETD](#))*
- *Lithuanian Academic Electronic Library [eLaba](#)*
- [Dart–Europe](#)
- *Open Access Theses and Dissertations ([OATD](#))*
- [EThOS](#) *Electronic Theses Online Service*

The screenshot shows the search interface for the Lithuanian Academic Electronic Library (eLaba). At the top, there is a navigation bar with links for 'Options | ETD website | ETD submit | Ask librarian | Help | Lietuviškai'. The main title is 'LITHUANIAN ELECTRONIC THESES AND DISSERTATIONS (ETD)'. Below the title is a search bar with a 'Search' button. The interface is divided into sections: 'Basic Search', 'Limit search to:', and 'Search hints'. The 'Basic Search' section includes fields for 'Type word or phrase', 'Field to search' (set to 'Any word'), 'Words adjacent?' (radio buttons for 'No' and 'Yes'), and 'Base to search'. The 'Limit search to:' section includes dropdown menus for 'Language' (set to 'All'), 'Document type' (set to 'All'), 'Year from', 'Year to', 'Institution', and 'Access status' (set to 'All'). The 'Search hints' section provides tips on using search operators and wildcards. At the bottom, there is contact information for eLaba and a copyright notice for the Lithuanian Academic Libraries Network (LABT).



Search for publications in KTU Science Publications database



► Admissions ► Students ► Business

MY KTU

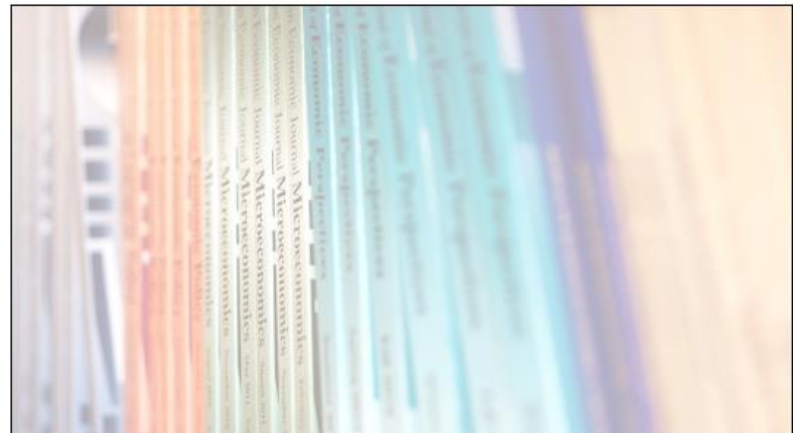
RESEARCH INSTITUTES STUDIES FACULTIES LIBRARY UNIVERSITY CONTACTS

KTU > Library

Library

Library Catalogue **KTU Science Publications** KTU Virtual Library

Lending period extension: <http://ktu.library.tn>

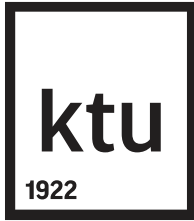




Search for publications in KTU [Science Publications database](#)

The database contains entries of publications by employees and students of the University.

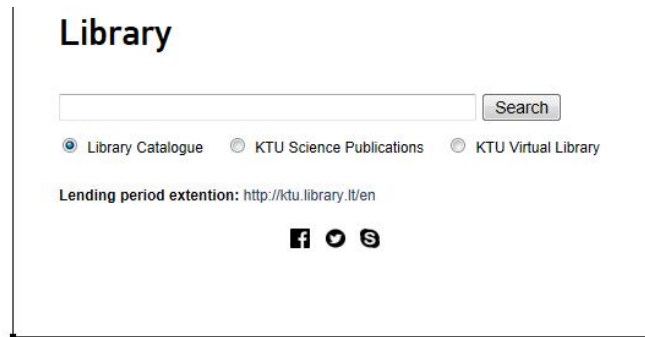
Options | Library | Ask librarian | Help | IT help | Lietuviškai



Where to find subscribed e-resources?

<http://ktu.edu/en/library>

- ❑ VPN
- ❑ KTU Virtual Library
- ❑ EZproxy



eResources

The Information retrieval page contains basic information about searching for information from databases. To use e-resources from home computers is required an access via [VPN](#) (Virtual Private Network), [KTU Virtual Library](#), [EZproxy](#).

- KTU Science Publications
- KTU Virtual Library
- Lithuanian Electronic Theses & Dissertations (ETD)
- Lithuanian Virtual Library
- Lithuanian Academic Electronic Library eLABa
- Lituaniстика
- Lithuanian Humanities and Social Science Data Archive (LiDA)

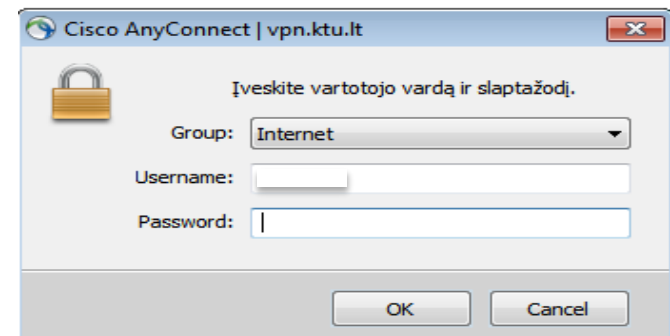
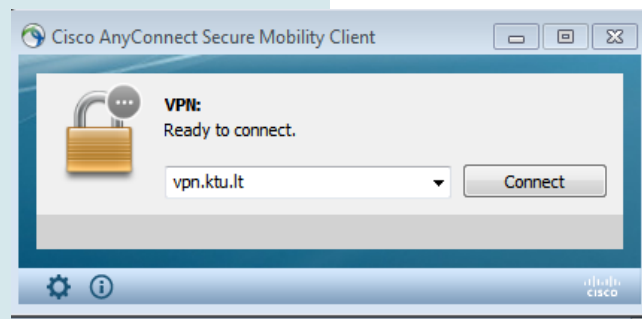
Article databases

Important information regarding to the subscribed databases

Please be advised that licences for databases, which were subscribed by project eMoDB.LT2: Opening of

E-books and e-publications are available 24/7

- ❑ Access via computers in KTU network (without passwords)
- ❑ From home computer:
 - a) access via [VPN](#) (Virtual Private Network)
 - b) via KTU [Virtual library](#) (login with KTU Single Sign-On)
 - c) [EZproxy](#)

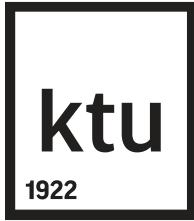




Important information

Users are allowed:

- To use e-resources in your projects according to Copyright and Related Rights Law.
- To use (download / print / save) e-resources in small quantities and only for personal needs. In one session you can download not more than:
 - 2 articles from one issue of the e-journal;
 - 20% of one e-book.



E-books in subscribed databases

[Science Direct E-Books](#) – e-books published by Elsevier (more than 400 books of the subscribed 700 belongs to the *Physical Sciences and Engineering* collection)

[Ebrary](#) – *Engineering&Technology* collection includes more than 6800 e-books.

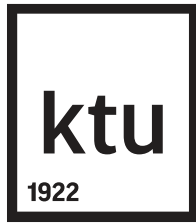
[Ebooks o EBSCOhost](#) – *Engineering&Technology* collection includes about 8000 e-books

[Springer LINK E-Books](#) – access to *Chemistry and Material science* and *Engineering* collections published in 2005-2007 ([book list](#)) and access to *Engineering* collection published in 2010-2014 ([book list](#))

([Searching & Browsing – SpringerLink](#))

[AccessEngineering](#) – e-books, curriculum maps, calculations, interactive materials.





Multi-subject publications databases

[Academic Search Complete](#) - a database in EBSCO group with more than 9000 journals including engineering sciences.

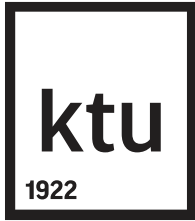
[ScienceDirect](#) - multi-disciplinary database, including more than 800 journals on physical sciences and engineering.

[Oxford Journals](#) - multi-disciplinary database published by Oxford University Press. Subscribed [journal list](#)

[SAGE journals](#) - scientific journals not only on Social Sciences and Humanities but also on *Computer Science, Engineering and Material Science* too. Subscribed [journal list](#).

[SpringerLINK journals](#) – multi-disciplinary database, including *Chemistry and Material Sciences, Engineering, Computer Science, Professional and Applied Computing* collections.





Publication Databases

[Emerald Engineering eJournals Collection](#) – journals on Technological Sciences. Subscribed [journal list](#).

[Annual Reviews](#) access until 2013. Subscribed [journal list](#)

[Nature](#) – scientific journal on Physical and Technological Sciences accessible since 2006.

[IOPscience](#) scientific journals published by *Institute of Physics (IOP)* on physics and physical sciences

[AIP - American Institute of Physics](#) - journals on physical sciences. Subscribed [journal list](#)

[APS Journals](#) scientific journals published by *American Physical Society*. Subscribed [journal list](#)





Search for books and publications in Open Access repositories



Open access to books, publications, conference proceedings, etc.

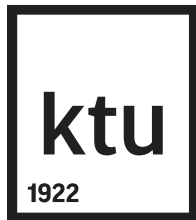


- [DOAB](#) – Directory of Open Access Books.
- [In Tech](#) - Science, Technology and Medicine Open Access publisher.



- [DOAJ: Directory of Open Access Journals](#)
- [HighWire Press](#)
- [Co-Action Publishing](#)
- [Hindawi](#)

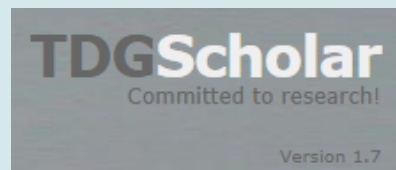




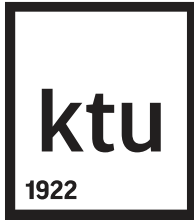
Search Engines

- [Google Books](#)
- [Google Scholar](#)
- [Microsoft Academic Search](#)
- [RefSeek](#)

- [ChemSpider](#)
- [CiteSeerX](#)
- [TDG Scholar](#)



Much better than Google!



Where to find help?

<http://ktu.edu/en/library>

Opening Hours

eResources

KTU Science Publications
Database

Uploading Theses and Doctoral
Dissertations

Catalogues

KTU Research Journals

Open Access

Training

Video Guides

Exhibitions

Services

Premises

About Library

Suggest a Book

F.A.Q

Contacts

Video Guides

Reference manager and PDF organizer:

Mendeley (video guides). Help guides.

RefWorks (video guides). Quick-Start Guide.

Export Citations from RefWorks to Mendeley (video guide).

EndNote (video guides). Getting Started Guide.

Databases:

American Chemical Society Basic Search (video guides).

Credo Online Reference Service Basic search (video guides).

Ebrary Basic search (video guides).

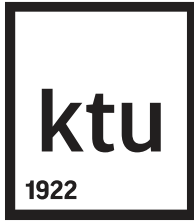
EBSCOhost Basic Search (video guides).

EBSCO eBooks Search (video guides).

IEEE Xplore Basic Search (video guides). More video guides.

SpringerLink Basic Search (video guides).

Web of Science (video guides).



Welcome to KTU Library



**CENTRAL
LIBRARY**
K. Donelačio
st. 20

**MECHANICAL
ENGINEERING AND
DESIGN FACULTY
LIBRARY**
Studentų st. 56



**CHEMICAL TECHNOLOGY
FACULTY LIBRARY**
Radvilėnų ave. 19

**INFORMATICS
FACULTY
LIBRARY**
Studentų st. 50



**CIVIL ENGINEERING AND
ARCHITECTURE FACULTY
LIBRARY**
Studentų st. 48



How to Find Information Resources for your Master Thesis / Course Paper?

(Technological and Physical Sciences)

aukse.patackiene@ktu.lt