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# Traditions and Innovations in the Scientific Library of Riga Technical University

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# Traditions and Innovations in the Scientific Library of Riga Technical University

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IATUL 2011, Warsaw



The Riga Technical University was established on 14 October 1862 as Riga Polytechnic. Now it is the only Technical University in Latvia. The Scientific Library of the Riga Technical University (RTU SL) was founded in 1862, too. The RTU SL is the oldest higher school library in Latvia. RTU Scientific Library is the only library in Latvia having so rich collection of documents on engineering and architecture. Currently our task is to contribute to the compatibility of traditional services and innovations in the library. This is the problem and the new challenge for most of the old libraries.



## Information Literacy

### First steps.

**Project DEDICATE**-1998-1999 – the EU funded project. The aim of project – to develop distance education courses in information literacy.

### In the course of project were designed:

- **Information literacy course in Electronics (ILCiE)** - course for the 2nd year undergraduate students of Faculty of Electronics and Telecommunications
- **Chemistry Information Literacy Course (CILC)** - web-based course for the 3rd year undergraduate students of Faculty of Materials Science and Applied Chemistry



### 2011.

Information Literacy courses, including lectures and practical workshops. Courses are designed to meet the requirements of the following groups:

- new students, undergraduates and postgraduates;
- academic staff.

Every library user can get individual consultation on searching for the information in the Electronic catalog and databases in each service point

The situation demands new methods, such as e- learning, and the overall system should be structured in a step by step way, so that it can easily serve either a schoolchild or a professor.



Our task and the challenge- to contribute to the compatibility of traditional services and innovations in the library.



[Youtube](#)

<http://www.rtu.lv>



8 books in 1962. Now the collection is 1.8 mil. items. RTU SL is an essential element in the National Library Stock of the libraries of national signification. There are many rare publications in the SL collection. Most of them are kept in the Chemistry Branch Library.

### Local databases

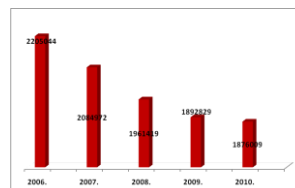
- 1996 – Publications of RTU Teaching Staff and Researches
- 2008 – Scientific Publications database „SCIENCE” (in collaboration with RTU)
- 2009 – Publications from serials of the Civil Engineering and Architecture
- 2010 – RTU dissertations (thesis) and master papers (in preparation)
- 2011 – E-resources database

### Subscribed databases

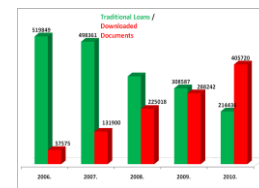
- (2011)
- EBSCO
- Science Direct
- Springer Link
- EBRARY
- World Scientific
- Rubicon
- EBSCO A-to-Z

Trial databases  
Latvian Academic Network project (2011-2013)

### Library Collection



### Loan



**Access to traditional stock:** printed, electronic brochures, video *how to search information*, open stocks (2011 – 10%; 2015 – 31% - 70%), self check services (2011.), implementation of RFID technologies (2011. – 2012.), electronic catalog from RTU portal ORTUS (2012).

**Access to electronic collection:** library homepage, RTU portal ORTUS, library made databases „E- resources”, „ Publications of RTU Teaching Staff and Researches”, special events (e-resources week, the workshops), catalog from RTU portal ORTUS (2012).

**Modernization project of Riga Technical University - RTU - City in the City. The Scientific Library - Students home away from home** with modern closed stock with mobile shelves (2011), new PC working places (2011), RFID technologies (inventarization, loan services, book drops, security system) (2011), new reading rooms (public and silent), open stocks ,rare stocks, group rooms, individual work rooms, self services (at present - printing, scanning, copying; in the near future - registration of loans and returns), changes in the structure of



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