

Science Research Institute of Information Technologies in Social Sphere in Kemerovo State University of Culture and Arts

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Foundation: established in 2000 on the initiative of the Ministry of Culture of the Russian Federation, Kemerovo Region Administration, the Russian Committee of UNESCO "Information for All" Programme and Kemerovo State University of Culture and Arts.

Activities: scientific research, experimental, consulting and methodical, expert, educational and professional development of teachers and librarians in the field of information culture.

Fields of scientific research and development: 1) formation of personal information culture, and 2) technology development and evaluation of the quality of electronic resources, including the Web sites of libraries, schools, colleges, universities, and museums.

Results of Activities: over 450 scientific works were published on information culture and development of web sites, 8 candidate dissertation theses were defended, more than 380 scientific reports were prepared and presented at international, national and regional conferences, more than 60 workshops were conducted. Reviews and comments on the publication of Science Research Institute of Information Technologies in Social Sphere are presented at the Institute web site: <http://nii.kemguki.ru>

International activities: 1) interaction with UNESCO as the implementation of the UNESCO "Information for All" Programme; 2) interaction with the International Association of Library and Information Associations and Institutions (IFLA) - working in the IFLA Standing Committee of Information Literacy. Research results on the formation of personal information culture, media and information literacy conducted by Science Research Institute of Information Technologies in Social Sphere were presented in the programs of the World Information and Library Congresses of IFLA in Argentina (Buenos Aires, 2004), Norway (Bergen, Oslo, 2005), South Korea (Seoul, 2006), South Africa (Durban, 2007), Canada (Quebec City, 2008), Sweden (Gothenburg, 2010), Latvia (Riga, 2012), Finland (Helsinki, 2012).

As it was commissioned by the Communication and Information Sector of UNESCO, SRI IT SS, led by N.I.Gendina, conducted the research "Media and Information Literacy in Russia and the countries of the Commonwealth of Independent States (CIS)." The results are published by UNESCO in English: <http://www.unesco.org/>

The use of research results of Science Research Institute of Information Technologies in Social Sphere in teaching students of Kemerovo State University of Culture and Arts:

1) Subject "The Basics of Personal Information Culture" developed in Science Research Institute of Information Technologies in Social Sphere. It is compulsory to study at all institutes of University. The main objectives of the course:

- the holistic picture of the role of information culture in modern society, different social groups and individuals;
- acquiring the ideas about information culture as integrative interdisciplinary scientific field and field of activity;

– the formation of information outlook of students for personal and professional development to continuously improve the level of professional qualifications.

The general objectives of the course for students in all areas of training are:

- formation of information competence in professional information resources;
- formation of information competence for finding information in traditional and electronic information environment;
- formation of information competence in analysis, synthesis and critical evaluation of professional information;
- formation of information competence for independent groundwork on information products (articles, reports, reviews, etc.) on the main types of professional activities.

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2) Subject "Information analysis and synthesis," containing the results of SRI IT SS research in the analysis and synthesis of electronic resources, and specific web texts. It is mandatory for undergraduate and graduate students majoring on "Applied Computer Science" and "Library and Information Work." The goal of the course is to give the holistic view of the possibilities of information analysis and synthesis as a basis for the production of information products and services. The main topics are: "Information analysis and synthesis as a basis for the production of information products and services," "Texts as objects of information analysis and synthesis," "Methods and techniques of information analysis and synthesis," "Technology of groundwork and design of information products."

3) Subject "Linguistic support of automated information systems." It contains the results of SRI IT SS research of language tools: hierarchical and faceted classification, rubricators, classifications, thesauri, object-attributive languages. The course is mandatory for undergraduate and graduate students majoring on "Applied Computer Science" and "Library and information work." The aim of the course is to reveal the influence of language tools on the quality of information retrieval: the completeness and accuracy, relevance and pertinence. The main topics are: "Semiotic basics of the language and structure of the IRL," "Typology of language tools as the basis of designing the Language Services AIS," "Indexing in the conditions of functioning the AIS," "Designing the Language Services AIS," "Application of linguistic resources in the field of information."

Director of the Science Research Institute of Information Technologies in Social Sphere
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