INFORMATION COMMUNICATION TECHNOLOGIES IN A STAGED APPROACH TO FORMATION OF A FOREIGN LANGUAGE COMMUNICATIVE RESEARCH COMPETENCE

Speaker

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Abstract

Keywords:

- information and communication technologies
- research work of students
- competence model of a student
- formal scientific communication
- informal scientific communication
- stages of the research work
This paper deals with

- **the components** of the competence model of a student realizing a research in the sphere of the future career in a foreign language with the usage of information communication technologies
- **the statistics** that confirms the necessity of the development of the foreign language communicative research competence in the sphere of the future career of students in higher educational establishments
- **the foreign language communicative research competence** is a complex and multidimensional term, which combines the following components of the student’s competency model:

  - **foreign language communicative competence**
    - intercultural competence
    - career-oriented research competence
    - competence of scientific communication
    - educational competence and technological competence
Number of Top Universities in 2017 - 2019
Components of the foreign language communicative research competence

- Communicative
- Technological
- Intercultural
- Educational
- Professional
- Scientific
- Scientific communication

FLCRC
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<tr>
<th>Stage</th>
<th>Content of the stage</th>
<th>Developing competence</th>
</tr>
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<tbody>
<tr>
<td>Stage 1</td>
<td>statement of the research problem, definition of its goals and objectives</td>
<td>communicative competence; competence of scientific communication; educational competence; technological competence</td>
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<td>Stage</td>
<td>Content of the stage</td>
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<td><strong>Stage 2</strong></td>
<td>identification of participants of the research group</td>
<td>communicative competence; intercultural competence; technological competence</td>
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<td><strong>Stage 3</strong></td>
<td>search and systematication of information and analytical material and scientific literature on the problem in a foreign language</td>
<td>intercultural professional scientific, competence of scientific communication; educational; technological competence</td>
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**Stages of the research work**
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<td><strong>Stage 4</strong></td>
<td>analysis of the obtained data, evaluation of theories, concepts and approaches, determination of the main directions for resolving contradictions</td>
<td>professional scientific competence, competence of scientific communication; educational competence; technological competence</td>
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<td><strong>Stage 5</strong></td>
<td>development of solutions to the research problem</td>
<td>communicative; scientific communication; educational; technological</td>
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<td><strong>Stage 6</strong></td>
<td>independent evaluation of the results of the study</td>
<td>communicative; competence of scientific communication; educational; technological</td>
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<td><strong>Stage 7</strong></td>
<td>discussion of research results in the professional scientific environment</td>
<td>communicative competence; professional scientific competence; competence of scientific communication;</td>
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Systematic research work with the students of the Institute of Radio Electronics and Information Technology (IRIT-RTF) at UrFU is conducted

- **The first year** students conduct the research on historical aspects related to their future vocational
- **The second year** students study technological processes, which are described in popular scientific literature
- **Open Colloquium of the 1st and 2nd year students**
- **Students of the 3rd and 4th years** of education conduct research works which are planned by the educational plans of their educational programmes
Results

- the foreign-language communicative research competence with the usage of information communication technologies
- this research work increases the interest to the foreign language
- the students were interviewed in order to receive the feedback
- prospects of a foreign language in their future professional activity, subsequent surveys showed steady growth
Indices of students' interest in learning a foreign language for future professional activity
It is important to develop

- the foreign-language communicative research competence of students of higher educational establishments to make the graduates competitive in modern scientific environment and successful in their career.
- the foreign-language communicative research competence is multi-component and combines the foreign language competence, the intercultural competence, the career oriented research competence, the scientific communication competence, the educational competence and the technological competence.
- each component is developed on different stages of the research work of students. The staged approach to research work unites not only staged work on the research work but also the systematic research work of students on every stage of education: from the first year until the Master Degree Program.
- the staged approach to the research work increases the motivation for learning a foreign language with the usage of information communication technologies.
- As a result staged approach to the research work develops all components of the foreign-language communicative research competence of students of higher educational establishments.

Conclusions
REFERENCES

Thank you for your attention!