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

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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
UrFU Rank in 2017-2019
Components of the foreign language communicative research competence
<table>
<thead>
<tr>
<th>Stage</th>
<th>Content of the stage</th>
<th>Developing competence</th>
</tr>
</thead>
<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 systematization of information and analytical material and scientific</td>
<td>intercultural professional scientific, competence of scientific communication;</td>
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<td></td>
<td>literature on the problem in a foreign language</td>
<td>educational; technological competence</td>
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<tr>
<td>Stage</td>
<td>Content of the stage</td>
<td>Developing competence</td>
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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>Stage</td>
<td>Content of the stage</td>
<td>Developing competence</td>
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<td>Stage 6</td>
<td>independent evaluation of the results of the study</td>
<td>communicative; competence of scientific communication; educational; technological</td>
</tr>
<tr>
<td>Stage 7</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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</tbody>
</table>
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 programme
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**
REFERENCES

Thank you for your attention!