

Creation of a New Generation of Teaching Literature - A Requirement of Modernity



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Abstract: The article is devoted to creation of a new generation of teaching literature, in which the actuality of creation of a new generation of teaching literature, the modern teaching book and its creation as a essential requirement of the modernity, didactic requirements for creation of a new generation of teaching and teaching methodical literature and mechanisms of their creation, criterion and indicators of estimation of quality of teaching and teaching methodical literature, creation of a new generation of teaching literature for newly instituted directions of education..

Keywords: teaching literature, a new generation of teaching literature, modern textbook, didactic requirements for creation of a new generation of teaching literature, mechanisms of creation of a new generation of teaching literature, criterion of estimation, newly instituted directions of education

I. INTRODUCTION

The statute of the country in the international community is determined by its intellectual potential. At the present time it is impossible to imagine the possibility of to satisfy the needs of the person and society without technology updating technologies. It can be observed in the practice of developed countries. It is obvious that after getting the independence in our country the companies equipped in cooperation with foreign countries with new technologies have been built, and the issues dealing with their provision with working staff is now being overviewed[1]. Nevertheless, day by day the need for modern specialist personnel is increasing. In order to solve this issue, molding of perfected and highly qualified specialists is raised up to the state politic, as a result of which in the system of high education, like in all spheres of our life, a great deal of reforms are being implemented, in this process it is very important to create the new generation of teaching literature, especially, electron books and to implement them widely to education process.

Providing the development and perspective of the country is connected with large number of changes in economic, social, political and cultural spheres. For taking part in such change the members of the state are in need of special and professional knowledge, high morality, culture and wide outlook. Training competitive personnel according to the

stated requirements is one of the main tasks of the day.

For training in high education system, the personnel of high qualification, who have the abilities of creativeness and imitativeness, deciding independently in future on professional and life problems, who can easily adapt to new techniques and technology it is very important to provide teaching methodical literature for teaching process[5].

The main purpose of the conception of creation of a new generation of teaching literature for continuous education system is to determine principles of creation of a new generation of teaching literature for all types of continuous education system and mechanisms of their preparation[3].

Teaching literature — the source in which the complex of necessary knowledge on the appropriate teaching programs on subjects, stated in teaching plan in a definite type of education (course or specialty), the methods and didactics of studying (including foreign translations), it is prepared in two forms: traditional (printed) teaching literature — the source printed taking into account the age and psycho-physiologic specifications of the student, the amount of the information, codes, the quality of the paper, the type of the cover and other indicators; electron teaching literature — the source which has the ability to collect, describe, renew, save information on the bases of modern information technologies, as well as to to provide knowledge and control them in interactive methods[6].

Creation of a new generation of teaching literature on optimized subject programs requires to present social-economic reforms, the achievements of science and technology. Because, effective management of education process, formation practical skills of students, implementation of mechanism of estimation the knowledge of the students on unit system serves for assist in getting the personnel their place in labor market[4].

In accordance with the item6 of Decree of the President of the republic of Uzbekistan No. 1533, dated on May 20, 2011 "On measures of strengthening material and technical basis of institutions of higher education and coordinal improvement of the quality of training the specialists of high qualification" it is necessary to improve the quality of providing the institutions of higher education with modern teaching and teaching methodical literature "[2].

Creation of a new generation of modern teaching literature is one of the actual requirements of the modernity.

Modem textbook - a publication created in accordance with SES, subject program, methodology, didactic requirements, pedagogical technology and complex (systematical) approach, in which the news point in the economic and social spheres are implemented, the last achievements of science,

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technique and technology are described, providing the opportunity for studying the bases of appropriate subjects as well as the possibility of the use in the similar educational schools[8].

Modem textbook should have the quality of:

- Stimulating the students to be active and to critical thinking;
- Not limited by providing only theoretical information;
- Including problem questions, projects, exercises and creative tasks formulating practical skills of;
- Providing the opportunity to student for self-assessment of the knowledge and self-studying;
- Educational materials should be aimed to a definite purposes and objectives;
- The content should provide the transition from proofs to examples, from examples to hypothesis, from hypothesis to research, from research to practical skills, from abstractive scientific knowledge to concrete professional knowledge, from knowledge to formulation practical skills and competency;
- Logical and systematical description of the teaching material, sett off the important information;
- Taking into account the national characteristics be; tasks and exercises should give the opportunity for the students for organizing the practical issues in couples or in small groups;
- Aimed at training the definite characteristics in students; access to video materials showing the processes in the train and other processes[7].

It is important to arouse interest for self-studying of the students by introducing the questions occurring problem cases, tasks and exercises.

II.RESULTS & DISCUSSIONS

The didactic requirements for creation of a new generation of modern teaching and teaching methodical literature:

1. Its content, scientific character and structure must comply with SES, teaching plan and subject program, the coherence of the theme and chapters, compliance with the complex (systematical) principle.
2. Full description of the activity types on profession in the content of the teaching materials (the structure and working principles of the technologic equipment, the rules of their exploitation, the execution of technological process).
3. Using scientific, technical and technological achievements, scientific and methodological description of the material must be accurate and attractive.
4. Accuracy of the quality of graphic (illustration) materials, images, as well as coherence of the text and graphic shapes, sufficiency of tasks, tests and practical exercises for learning the new material.
5. In self studying it must be oriented to development of scientific thinking of the student and practical use of theoretical knowledge.
6. It is important to include the national ideas and national specifications into the content of teaching literature.
7. The specifications of the coherence of theory and practice should be prescribed, as well as the consistency and seamlessness of the themes and connection of the subjects

and their innovation should be provided.

8. The volume of the textbook must comply with the total teaching load of the subject. For example, if on definite subject the total teaching load of the some subject is 72-108 hours, the volume of the textbook should not be more than 10-15 print item.
9. The textbook in its handwritten version is to be examined for one year. The shortcomings diagnosed for a year must be corrected by author. The book examined and eliminated from errors may be handed in for publication. For the first publication the book must be provided with the litter «The use as a textbook is permitted» issued by the Ministry. After wide examination of the textbook for the second publication the litter «Recommended as textbook» will be issued by the Ministry.

The stages of creation of a new generation of modem teaching and teaching methodical literature: [7]:

1. Formulation of the author and author groups creating a new generation of modem teaching and teaching methodical literature in accordance with selection.
2. The stage of preparation and quality control of modem teaching and teaching methodical literature.
3. The stage of defining the quality of the manuscript
4. Criterion and indicators of estimation of quality of teaching and teaching methodical literature.

1. Formulation of the author and author groups creating a new generation of modem teaching and teaching methodical literature in accordance with selection:

This stage is very difficult and responsible, as the quality of the textbook depends on the pedagogical and professional skills, knowledge of the author.

Formulation of the author and author groups creating a new generation of modem teaching and teaching methodical literature shall be done by Selection commission under Coordination board of the Ministry in accordance with the recommendations of institutions of high education, interested ministries and agencies and scientific research offices.

Professor staff of institutions of high education , highly qualified specialists of industry, science and culture spheres, as well as specialists of foreign countries may participate in the group author groups creating a new generation of modern teaching and teaching methodical literature.

The authors first of all must recommend in written the concept of the created textbook, make plan, describe the logic-methodical system, comment on the methods of implementation of the integration as well as to present their creative potential. In our opinion, the authors may be tested as it accepted in foreign countries.

The authors compose for creating textbooks on social-humanist and economy subjects shall be formed by the Department of Ministry for spiritual moral education and if where necessary consulting with «Government commission of reconsideration and creation new education programs, textbooks and teaching aids for continuous teaching system.



The composition of the Selection commission (the members must be at least 9 people) shall be confirmed by the Decree of the Ministry of Higher and secondary special education.

The Selection commission is responsible for compliance of teaching literature with State education standards, teaching plan and subject programs.

The announcement for selection of the author groups creating the necessary teaching literature shall be made in Mass media. The Selection commission in 30 days period will define the author and author groups.

The persons who wish to participate in selection should provide to commission the following documents:

the application under the director sign for participation in the selection (for the individuals the application of the participants);

the list of scientific and methodical publications; the conception of creating the teaching literature;

after completion of the selection the Selection commission shall review the documents for 20 days and make appropriate conclusion.

The Ministry of Higher and secondary education shall make appropriate decision on winners of selection of authors groups for working out the projects of teaching literature, which shall be certified by the appropriate Decree.

2. The stage of preparation and quality control of modern teaching and teaching methodical literature:

The main task of organizational works in this stage is to contribute enough time to authors and create conditions for them (offer paid work holiday, prepayment).

Nevertheless how skilled is the author it is difficult for him to prepare the qualitative textbooks in a short time and in the working time as they are the teaching means of complex structure. On the basis of which, along with placing strict requirements to the author, it is important to create the necessary conditions.

Closure of the contracts with the author:

- Two sided (author -the rector of institution of high education);
- Three sided (author -the rector -ministry).
- The contract concluded by author shall be certified by the rector of institution of high education;
- Be certified by the direction of the Ministry of Higher and secondary special education.

The mechanisms of creation the teaching literature[7]:

In accordance with the contract or initiative.

After certification of the three sided contract the teaching literature shall be created by author in accordance with the decree of scientific-methodical Department of the institution of high education.

▪ The author may be granted a creative/constructive holiday by the rector of institution of high education in accordance with the chair decree;

During the holiday the author may be paid premium to its holiday payment;

▪ The expenses dealing with printing the manuscript of the textbook in computer and its printing to paper, expertise of the manuscript shall be borne by institution of high education;

3. The stage of defining the quality of the manuscript

The final version of manuscript, corrected at this stage will

be submitted to the Ministry.

Coordination board under the Ministry will submit it to commission on provision the quality of textbooks and teaching aids. The commission will submit the manuscript to appropriate expert group according to scientific sphere and direction of the literature.

The created teaching literature shall be discussed in Coordination board (CB) in the established order.

Criterion and indicators of estimation of quality of teaching and teaching methodical literature.

Criterion - the measurement of estimation; indicator - the estimated characteristics of the textbook. The textbook as a teaching literature shall be estimated in accordance with the following criteria: the compliance with the plan and subject program; the intelligibility of the content, text; the use of pedagogic methods, methodology and pedagogic technology; the compliance with the teaching methodology; presentation and design; graphic materials and etc [9].

The quality indicators depend on estimation purpose and divided as follows:

a) the indicators on functions and objectives of textbook - characterizes the purpose and objectives of the textbook use in education process, that is to say it defines the compliance the content, structure and functions of the textbook with the purpose and objectives of education. This indicator is important for estimating the quality of the textbook;

b) ergonomic indicators - characterizes the specifications of the effective use of the textbook in the educational process. Ergonomic indicators contain:

hygiene indicators defining the compliance of textbook with the work conditions of the students;

the physiological and psycho-physiological indicators defining the impact of the students' sight and intuition bodies;

CONCLUSION

the physiological indicators defining the compliance with the physiological characteristics of the students:

b) artistic and aesthetic values - characterize the aesthetic properties of the textbook;

r) economic indicators - characterize the expenses dealing with preparation, writing, publish and distribution of the manuscript of the textbook.

The methods of defining the quality indicators of teaching and teaching methodical literature:

1) calculating the results of the experimental tests, monitoring, and their measurement by technical means.

2) calculation and estimation of the reliability of the results of the experimental tests.

By using the parameters defined using the methods compliable with the experimental tests calculation and the mathematics formulation of results will be done. In this process the methods of estimation of the reliability of the results of the experimental tests "Expert group", "Student", "X square", "Kolmogorov" may be used.

3) sociological (questionnaire, interview) - collect, analysis and generalization the opinions and suggestions of textbooks users,



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- 4) analysis of views and opinions of expert - professionals, teachers, scientists, and teachers.

In creation of a new generation of teaching literature for newly opened education courses it is important to pay attention social-political, democratic modifications carrying in the republic, liberalization and modernization of economy as well as inclusion the higher directions of social, political, economic, spiritual, legal and other reforms, especially, consideration by the authors the last achievements of science, technique and technology, advanced practice and development tendencies of foreign states. As well as, in creation teaching literature it is important to provide the continuous between the education types of the continuous education system existing in the republic, to pay attention to non-return of the themes, and created electron materials must be aimed at training the skills of the self studying using teaching literature.

REFERENCES

1. Constitution of the Republic of Uzbekistan -T.: Uzbekistan, 1998.-p.48.
2. Decree of the President of the Republic of Uzbekistan I.A.Karimov No. 1533, dated on May 20, 2011 "On measures of strengthening material and technical basis of institutions of higher education and coordinal improvement of the quality of training the specialists of high qualification"
3. The lecture of the President of the Republic of Uzbekistan I.A.Karimov in international conference, held on February 2012 in Tashkent on the theme "Training of highly educated and intellectually developed youth is the most important criterion for sustainable development and modernization of the country".
4. The Decree of the Cabinet of Ministries of the Republic of Uzbekistan from January 5, 1998 "On improvement of provision of the continuous education system with textbooks and teaching literature".
5. State education standard of the specialty "Mathematics" 5460100 approved by Order of the Ministry of Higher and secondary special education of the Republic of UzbekistanNo.387 dated on September 16, 2011 "On confirmation of the State education standards and teaching plans of the courses and specialties of high education, worked out in accordance with the new classifier"
6. "Conception of creation teaching literature for continuous education system" confirmed by joint Order of the Ministry of Higher and secondary special, public education, and State press committee No. 71/22/44 dated on March 7,2002
7. "The composition of the teaching-methodical complex of the subject" confirmed by the Ministry Order No.48 dated on 24 February 2009 .
8. Yuldashev J.E., Usmanov S.A. The basis of pedagogic technologies. Text book. -T.: Oqituvchi. 2004.
9. Tojiev M., Ziyomukhamedov B. The implementation of the pedagogic technologies and its role in formalization the characteristics of ideal generation. Monography.: MUMTOZ S' OZ».2010.-P.2014