FORMATION OF PRESCHOOL EDUCATIONAL INSTITUTIONS AND THEIR MECHANISMS OF MODELLING

Abstract: In article questions of development of national system preschool and vocational training are considered. Last years on strengthening of its legal base complex measures have been taken for development of vocational training, modernization and modernization of educational process, a number of system measures for support of target youth in achievement by them the considerable international both Republican’s Olympic Games and competitions has been undertaken. Considering prospects of development of economy and priority problems, of modern technics and technological tendencies introducing modern information-communication technologies on high requirement and related specialties on work preparation of the qualified personnel possessing practical skills and knowing not less two languages. Considering real requirement, offers of the enterprises giving work, coordination of activity of professional colleges on radical improvement of quality of preparation of necessary experts. Formations and even more strengthening of modern material base of professional colleges equipped with school desks based highly effective the education-lab ware, computer technics and innovative technologies, to acceptance of the decree realization of measures of its effective utilization perfection of system of continuous formation and preparation of qualified personnel, is considered attention from the state on questions of an openness of educational services and quality.

As a result of national independence, the state is fast becoming a state-of-the-art policy-based approach to completing a full-fledged government policy.

Key words: Education system, innovative development, national education program, continuous formation, strategy of development of republic, preschool education.

Language: English

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Classifiers: Education.

Introduction
For years of independence the national education system and training became one of state policy pressing questions in republic. As a result of realization of the National program of training of the citizens, the Republic of Uzbekistan prepared by the First President of the Republic of Uzbekistan Islam Karimov and the world community, in the country creates unique system of continuous formation.

The president of the Republic of Uzbekistan Shavkat Mirziyayev in December, 29th, indicate the reform in the school educations, on January, 25th 2018 said about measures on the further perfection of system of an average special and systems of vocational training on the basis of perfection of system of higher education on a condition and on July, 25th 2018 year strategy of innovative development of Republic Uzbekistan.

Materials and Methods
The President of Republic Uzbekistan S.M. Mirziyayev on February, 7th, 2017 said about movement on strategy of the further development of the Republic of Uzbekistan.

The decree № 4947 from the decision «about the International competitiveness of the country and
innovative theoretical the size as the key factor in
definition of progress of human reason - the Main
objective of strategy of development».

Head Oliy Mazhli said on December, 22nd,
2017 «Our great descendants of Al-Horezmi, Ibn
Sina» allies unfortunately, is not enough attention to a
problem of formation of the presented.

The vital value, in connection with 26th
anniversary of acceptance of the Constitution of
Uzbekistan works on December, 7th, 2018 from
achievement, words «Standards of preparation of
teachers and training methods in sphere of national
education on the basis of the advanced foreign
experience».

Possibility of the double should be considered
from the point of view of their childhood, children
ability of attention to development of all possibilities
in our country, many of Biruni, Ibn Sina, Ulugbek.

The decree of the President of Republic of
Uzbekistan from September, 30th, 2018 № PC 3955
«About measures on perfection of management by an
education system in the future» the Most important
criterion in the Road map for the Concept of
management of system of continuous formation -
plays a main role in this life.

We cannot achieve any changes or prosperity
without personnel preparation. Preparation of such
shots, the healthy and formed generation of the nation
begins with preschool education system.

The preschool education system is the basic and
most important part of system of continuous
formation. On the basis of scientific researches of
scientists and experts of 70 % of all information which
the person can receive during the life, makes 5 years.

The decision of the Cabinet of Ministers of the
Republic of Uzbekistan on September, 30th, 2018
«About measures on the further perfection of
preschool education for 2017-2021 years». According
to a road map, «Prospect and priorities of modern and
innovative technologies in the country of economic
development to take into consideration and the experts
connected with them with great attention which they
need practical skills, and also at least, it is considered
to teachers of the qualified foreign languages
important.

1. Perfection of a state policy and management
in preschool education.
2. Perfection of system of a professional
training in preschool education.
3. Perfection of procedure of reception in
educational establishment by introduction of the state
interactive services.
4. Financial stimulation of workers of the state
preschool centers.
5. Perfection of system of medical aid to
children in preschool centers regional bodies of public
health services.

Impact Factor:

| Impact Factor: | ISRA (India) | SIS (USA) | ICV (Poland) |
|----------------|-------------|-----------|--------------|
|                | 3.117       | 0.912     | 6.630        |
| ISI (Dubai, UAE) | 0.829      | PHHH (Russia) | 0.156        |
| GIF (Australia)  | 0.564      | ESJI (KZ)  | 8.716        |
| JIF            | 1.500      | IBI (India)  | 4.260        |
| SJIF (Morocco)  | 5.667      | OAJI (USA) | 0.350        |

6. Perfection of system of preparation of a
qualitative technique of teaching and didactic
materials (including toys and the literature).
7. Perfection of the typical charter of
educational institution, and also the typical agreement
between preschool centers and parents.

   Improvement of infrastructure and material
   support of the state preschool centers.
8. Perfection of the state preschool education.
9. Complex studying of a condition of
   preschool educational institutions.
10. Creation of modern preschool centers on the
   basis of experience of the developed foreign
countries.
11. Attraction of preschool educational
   institutions with attraction of large managing subjects
   for modern preschool centers and their reconstruction:
   perfection of an order and norms of state financing of
   preschool centers and creation and perfection of the
   transparent centers system of safety.
12. Working out of modern standards of
   preschool management.
13. To provide qualitative preschool education,
   to introduce alternative programs of radical
   improvement of preschool education of children.
14. Increase in quantity of children in preschool
   educational institutions in countryside.

   Strengthening of material base of a control
   system by preschool education is directed on
   introduction of modern educational programs and
   technologies to educational process, and also cardinal
   preparation of pupils for the future of Turkish
   Republic, is the most important factor of development
   of young generation.

In this connection 2017-2018 years in our
country creative works are spent many, and on the
basis of each decision the accelerated and reliable
projects are realized, practical results are reached.

For example, the academician of Academy of
Sciences of Uzbekistan Gulamov S.S. advanced and
reliable scientific research of idea of "mental
education" and «mental medicine" which brings up
and develops mental faculties for development of the
human capital.

It uses for an optimum solution of a problem
with use of innovative methods for definition of the
general and additional demand for real teachers and
the teachers working in preschool educational
institutions.

So, for the purpose of working out of
mathematical model of the decision of problems in
pedagogical shots at perfection of management by
preschool centers, using the methods set forth above,
we enter following characteristics.

   I-zone Quantity of preschool centers quantity of
   the skilled teachers working in preschool educational
   institutions

   T-year is planned
   Ti-T * increase T-time

Philadelphia, USA
Quantity of the teachers working in IT preschool centers.

Reduction of demand for pedagogical experts in the planned years in preschool centers.

On the basis of resulted above definition we develop mathematical model of a problem.

The formula of calculation of the contribution of pedagogical experts in number of the pedagogical workers working in each of 1000 state and not state preschool centers.

Will be the following [1].

\[ b_i = b_i 100/\alpha \] (2)

The long-term forecast is based on the plan (for the period from 5 till 25 years) for number of heads of the higher educational institutions preparing pedagogical shots for preschool centers, within 1000 [2].

\[ M_i = (\sum (b_i + b_j)T - 1000)/\sum a_i \] (3)

Proceeding from the formula, the quantity of the pedagogical experts necessary for the prospective look-ahead plan, is defined under the formula, proceeding from requirement of preschool educational institutions for pedagogical experts [2,3,4, 5, 6, 7].

\[ Q_b = b_i + (b_i + b_j) \] (4)

Now it is possible to define quantity of pedagogical experts which the quantity of preschool pedagogical experts and quantity of the teachers working in preschool centres is necessary to prepare on the basis of a long-term plan of definition of requirement for the qualified pedagogical experts with modern pedagogical and information technology for improvement of preschool educational institutions [8,9,10].

\[ D_i = L_i - b_i \] (5)

As a whole, important positively to satisfy requirement for pedagogical experts with modern knowledge for education of future intellectually aesthetic and physically developed generation.

It is a multistage problem in which the system of mathematical modeling for definition of the optimum decision with use of uniform network model is used;

That is on the basis of known mathematical instructions on optimization of the scheme of plans of preschool preparation.

Preparation of the qualified pedagogical experts is a key question in perfection of management by preschool education, preparation; retraining and improvement of professional skill of pedagogical shots play an important role in management of school education system.

Conclusion

As a result of inability to satisfy demand of pedagogical experts for their special requirements for a concrete situation it is not expected that this problem will lead to desirable result as the problem of definition of pedagogical experts is frequently difficult enough for the decision, basically it is based on pedagogical, congenital, socially to define their prospects on the future.

There are some ways to study requirement for pedagogical shots for improvement of management by preschool education, basic of which.

- Knowledge of level of availability of pedagogical experts in preschool educational institutions which is focused on dynamic and statistical factors in comparison with quantity of the formed and skilled experts with modern pedagogical and information technology in educational institutions.

- The extrapolation method is directed on definition of a salary of teachers taking into account long-term calculation on the basis of the innovative plan.

- The organization of additional annual services by the state preschool centers in target and working hours over the installed program (training on care of children and other).

It is offered to raise reception of receipts on pedagogical specialties’ in higher educational institutions for preparation of the qualified experts for perfection of management by preschool centers in regions.

Strengthening of material base of 2200 preschool centers for 2017-2021 year to prepare children of 5-6 years for school education that, in turn, will improve preschool education system it is planned to create 6100 short-term groups and to prepare children for preschool education at the age of 3-6 years for preparation of their parents for methodical use.

Execution of the Decree of the President of Republic Uzbekistan №PF-5198 on September, 30th, 2017 «About measures on radical perfection of a control system by preschool education», the further expansion of the state and not state branches, creation of conditions for a healthy competition between them, partner relations, with introduction of new forms of preschool education in Uzbekistan, by means of which intellectual, physical, directed on education.

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Philadelphia, USA

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| IB (India)       | 4.260         |
| SJIF (Morocco)   | 5.667         |
| OAJJ (USA)       | 0.350         |

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