

**CHAIRMAN OF UNESCO/ UNITWI NETWORK PROGRESS REPORT FORM**

<b>Position of Chairman / Network:</b>	Valery Nazarenko, PhD in Technical Sciences, Director of the Institute of Information Technologies of Belarusian State University of Informatics and Radioelectronics (hereinafter referred to as "IIT BSUIR") was relieved of duty in September 27, 2018 (the Rector's Order № 91-φ); Iryna Sidarchuk, PhD in Legal Sciences, Associate Professor, Deputy Director on Scientific and Methodological Work of IIT BSUIR from January 2, 2019.	
<b>Host institution:</b>	IIT BSUIR <b>Address:</b> 28 Kozlova Street, Minsk, 220037, Republic of Belarus <b>Tel/Fax:</b> +375-17-233-93-47 <b>E-mail:</b> iit@bsuir.by <b>Web-site:</b> http://www.iit.by	
<b>Creation date of chair / network : (mm, yyyy)</b>	August, 2014	
<b>The reporting period: (mm, yyyy - mm, yyyy)</b>	From August 2014 till August 2018	
<b>Report follows: (Full name, position)</b>	Iryna Sidarchuk, PhD in Legal Sciences, Associate Professor, Deputy Director on Scientific and Methodological Work of IIT BSUIR	

For reply via e-mail: unitwin@unesco.org; i.nichanian@unesco.org or by mail to UNESCO,  
the Department of Policy and Continuing Education Systems,  
Higher Education Section  
7, place Fontenoy - 75352 Paris 07 SP, France  
Fax: 33 (0)1 45 68 56 26/27/281

**1. Executive Summary:**

Main results, impact of the Chairperson including the national policy in connection with goals set forth in Article 2 of the Chairperson's Agreement (between the institution and UNESCO) (300 words or less)

In order to implement the UNESCO Medium-Term Strategy for 2014–2021, the UNITWIN/UNESCO Chairs Program, sustainable development goals for the period up to 2030 (4, 9, 16), Resolution of the Council of Ministers of the Republic of Belarus No. 451 dated June 13, 2017 "Approving the National Action Plan of the implementation of the Convention on the Rights of Persons with Disabilities in the Republic of Belarus for 2017-2025":

- access for persons with special needs to receive higher education in the field of information and communication technologies (hereinafter referred to as "ICT") has been expanded, a system of distance education has been created on the basis of the Faculty of Innovative and Lifelong Learning in BSUIR;

- proposals have been developed and included in subprogrammes 4 “A barrier-free living environment for people with disabilities and physically weakened persons”; subprogramme 5 “Social integration of persons with disabilities and senior citizens” under the State Program on Social Protection and Employment Promotion for 2016–2020, approved by Resolution of the Council of Ministers of the Republic of Belarus dated January 30, 2016 No. 73; as well as to the Concept for the Development of Inclusive Education for Persons with Peculiarities of Psychophysical Development in the Republic of Belarus, approved by order of the Ministry of Education of the Republic of Belarus dated July 22, 2015 No. 608
- scientific, methodical and research works were carried out aimed to develop vocational training for people with special needs;
- the possibilities in participation in activities of state bodies and other organizations, including assessing the quality of public services, for people with special needs were expanded;
- dozens of scientific republican and international events, seminars, round tables with the participation of persons with special needs are held, where access to education with special needs are discussed;
- books, scientific articles, reports on the results of scientific research in the framework of issues of inclusive education, inclusive management, implementation of the concept of sustainable development were published;
- educational work were carried out, regular media coverage for people with disabilities were conducted, the production and public service announcements were held in order to respect for the rights, freedoms and dignity of persons with special needs in BSUIR students’ mind;
- measures to ensure accessibility of the environment, services and information for the BSUIR special needs persons’ have been taken.

## 2) Activities:

Review of activities undertaken by the Chairperson during the reporting period:

<b>a) Education / Training / Research</b> (basic educational programs and vocational training, as well as studies conducted by the Chairperson during the reporting period, task group and geographic coverage)	
<b>i) education (leading to certificate)</b>	Students with special needs were trained in full-time and distance learning courses. Courses were held on the basis of the Faculty of Innovative and Lifelong Learning (BSUIR) and IIT (BSUIR) during the reporting period. All students (30 persons) received a diploma of higher education. Distance learning was carried out in the following specialties: “Informatics and Software Technologies”; “Information Systems and Technologies (in business management)”; “Programmable Mobile Systems” etc.
<b>ii) personnel training (short term)</b>	The Academy of Informatics was established on the basis of IIT BSUIR in September, 2014. 800 secondary school students, including children with special needs, were trained at the Academy. Secondary school students were trained in the areas of Web-master, C/C++ programming, computer graphics. Preparatory courses were held for graduate students and for special needs persons for admission to BSUIR. More than 300 people have been trained in the subjects “Basics of IT”, “Basics of Metrology, Standardization and Certification”. 40-hour courses for more than 580 college graduates, including persons with special needs, were held: “Basics of IT”, “Computer Organization and Operation”, “Electronic Devices”.

<p><b>iii) research</b></p>	<p>Conducted research on the following topics:</p> <p>“To develop informational and methodological support of training to specialists with higher education in the abbreviated form of training”;</p> <p>“To develop the basics of informational and methodological support for distance learning to first stage specialists (in higher education programs), integrated with programs of secondary specialized education”;</p> <p>“Organization experience analysis of distance education process in universities of the Republic of Belarus, near and far abroad, research and analysis of relevant specialties training plans”;</p> <p>“Cloud computing application in retraining of educational process and advanced training in the field of information technologies”;</p> <p>“To develop a model of citizen's participation in assessing the effectiveness of local executive and administrative bodies of the Republic of Belarus in the context of modernizing state administration”.</p> <p>The results of research are used in IIT BSUIR for organizing the educational process for students and trainees, including persons with special needs, as well as for preparing proposals and recommendations for improving legal regulation in the provision of public services for persons with special needs.</p> <p>According to the results of the research, dozens of scientific events were held, articles, theses, etc. were published.</p> <p>An electronic module “Population assessment of local authorities” was created, including an assessment availability of public services for persons with special needs.</p>
<p><b>b) Conferences / Meetings</b> (key conferences and meetings organized by Chair or the Chairperson)</p>	
<p>i) <b>key conferences and seminars organized by the Chairperson</b></p> <p>ii) I International Scientific and Practical Conference “Continuing professional education for persons with special needs”, December 17-18, 2015, Minsk, IIT BSUIR;  II International Scientific and Practical Conference “Continuing professional education for persons with special needs”, December 14-15 2017, Minsk, IIT BSUIR;  IV International Scientific and Practical Conference “BIG DATA and Advanced Analytics”, May 03, 2018, Minsk, BSUIR;</p> <p><b>Other conferences / organizational events held by Chair</b></p> <p>5th International Conference between UNESCO IITE and UNITWIN/UNESCO Chairs “Partnership of UNESCO Chairs in applying ICT in education”, June 1-5, 2015;  Scientific and Practical Conference “Smart learning – innovative technologies in education” during the TIBO exhibition – 2016, April 20, 2016, Minsk;  X International Scientific and Methodological Conference “Distance Learning - Educational Environment of the XXI Century”, December 7-8, 2017, Minsk;  39th session of the General Conference of UNESCO (UNESCO Fontenoy Building, Paris, November 31, 2017);</p>	

International Business Conference "Business Internet", November 10-11, 2017, Minsk;  
 First international mentoring conference «Global Mentori», November 13-14, 2017;  
 I International Scientific and Technical Exhibition-Forum "Information Technologies in Education" ITE-2017, November 29-30, Minsk;  
 5<sup>th</sup> International Conference on Sustainable Development Rome, Italy, September 6-7, 2017;  
 IT Spring 2018, April 5, 2018, Minsk;  
 VI Belarusian-Russian scientific and technical conference "Technology of Information Protection", June 5, 2018, Minsk, BSUIR;  
 XXV International ICT Forum "TIBO-2018", May 14-18, 2018, Minsk;

**iii) compilation of papers by conference chairmen and other colleagues**

V. Nazarenko, Continuing vocational education for persons with special needs in the field of ICT: International scientific-practical conference "Inclusive education for persons with special needs: learn and live together" - Kazan: University of Management "TISBI";

M. Batura, Cooperation of BSUIR and UNESCO: International Scientific and Practical Conference "Continuing professional education for persons with special needs", 2015.

I. Sidarchuk, Digital divide in persons with special needs context: XVIII international scientific-practical conference "Law-making and law enforcement as a factor in the effective modern economic systems development", Grodno: Yanka Kupala State University of Grodno, 2016;

I. Sidarchuk, Educational Model in the Common Information Space of Union State: The Common Information Space of Union State: The 45th permanent seminar meeting at the Parliamentary Assembly of Belarus and Russia Union on the construction of the Union State, May 11-12, 2016;

I. Sidarchuk, Implementing Sustainable Development on the Regional Level in Belarus: Sustainable Development: Proceedings from 5th International Conference, Rome, September 6-7, 2017, Rome, 2017.

N. Kuchinskaya, The development of students' leadership qualities through socio-psychological training: Innovative experience of ideological, educational information work at the university: Proceedings the VII International scientific-practical conference, Gomel, 2018.

**c) Inter-university exchanges / partnerships**

(main exchanges / partnerships between Chair and other institutions, including UNESCO Chairs / UN)

Implemented a partnership with: UNESCO Institute for Information Technologies in Education, Moscow, Bauman Moscow State Technical University, National Academy of Educational Sciences of Ukraine (Institute of Special Pedagogics), Abai Kazakh National Pedagogical University, Almaty, Department of Special Education of the Ministry of Education of the Republic of Belarus, UNESCO Chair in Information Technology and Law of the National Center for Legal Information of the Republic of Belarus, Republican Institute for Vocational Education, Belarusian Association of Social Workers, educational institutions: Academy of Public Administration under the aegis of the President of the Republic of Belarus, Belarusian State Pedagogical University named after Maxim Tank, Minsk State Linguistic University, Minsk State College of Electronics, Mogilev State A. Kuleshov University, as well as with public associations such as the Belarusian Society of Persons with Special Needs, the Belarusian Association of Visually Impaired Persons, the Belarusian Society of the Deaf, the Republican Association of Wheelchair Disabled Persons, the Belarusian Relief and Health Foundation, the Belarusian Association of Assistance to Disabled Children and Young Disabled Persons, the NGO "Revelation" and others .

<b>d) Publications / Multimedia Materials</b> (main publications and teaching materials)	
Please, tick the appropriate output fields and indicate the output volume:	<b>Total 96</b> <b>Books ii 2</b> <b>Books (edit.)</b> <b>Books (heads)</b> <b>Monographs</b> <b>Scientific repots – 4</b> <b>Journal articles (peer reviewed) - 25</b> <b>Conference materials - 12</b> <b>Individual Articles - 23</b> <b>Teaching Materials</b> <b>Multimedia Materials (CD-Rom) </b> <b>Multimedia Materials (Video)</b> <b>Multimedia Materials (Other)</b> <b>Training plans - 10</b> <b>Training programs - 20</b>
	<p>The main scientific publications of the UNESCO Chair staff:</p> <ol style="list-style-type: none"> <li>1. E. Kalita, The concept of trauma in psychology and possible consequences / E. Kalita, E. Kuharenko //The 50th scientific conference of PhD, Master and Bachelor students. Direction: “Computer systems and networks.”– Minsk: BSUIR, 2014. – page 61.</li> <li>2. N. Mitroshin, Inclusion. Psychological development of children with special needs (on example of children with hearing impairments) / N. Mitroshin, E. Kuharenko // The 50th scientific conference of PhD, Master and Bachelor students. Direction: “Computer systems and networks.”– Minsk: BSUIR, 2014. – page 62.</li> <li>3. V. Nazarenko, ICT vocational education in IIT BSUIR for persons with special needs / V. Nazarenko, G. Shahlevich // VII International Scientific and Methodological Conference “Higher Technical Education: Problems and Ways of Development” – Minsk: BSUIR, 2014. – page 281.</li> <li>4. V. Nazarenko, Continuing vocational education of persons with special needs in the field of ICT / V. Nazarenko, G. Shahlevich // International Scientific and Methodological Conference “Inclusive education for persons with special needs: learn and live together” - Kazan: University of Management “TISBI”, 2014. – pages 252-259.</li> <li>5. A. Nikitin, Problems of vocational education for persons with special needs in information technologies field / A. Nikitin, G. Shahlevich // II International Scientific and Practical Conference "Linguistic Rights of the Deaf Persons". – Minsk: All-Russian Society of the Deaf Persons, 2014. – pages 34-36.</li> <li>6. Y. Skudnyakov, The approaches of the educational process organization and quality assessment of education in different categories of students / Y. Skudnyakov, I. Zagumennikova, A. Gordeyuk //VII International Scientific</li> </ol>

and Practical Conference Engineering and Pedagogical Education: problems and ways of development. – Minsk: Minsk Radioengineering College, 2015. – page 214.

7. M. Batura, BSUIR and UNESCO cooperation / M. Batura, V. Nazarenko, G. Shahlevich // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs”. –Minsk: BSUIR, 2015. – pages 5-7.

8. O. Bakunova, Continuing education of the deaf and hearing impaired persons in ICT field as a factor of their successful socialization / O. Bakunova, O. Obratsova, A. Bakunov, I. Kalitsenya // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 19-20.

9. O. Vildflush, A systematic approach of the educational process organization for persons with special needs / O O. Vildflush // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 25-27.

10. S. Listopadov, Perspectives of Persons with Special Needs in IT / S. Listopadov, T. Malinovskaya, P. Poltoreckaya // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” –Minsk: BSUIR, 2015. – pages 46-48.

11. L. Maisenya, Experience of inclusive education of technical university students / L. Maisenya, A. Mityuhin // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs”– Minsk: BSUIR, 2015. – pages 51-53.

12. T. Malinovskaya, Issues of information technology’s using in students with hearing impairments education / T. Malinovskaya, P. Poltoreckaya // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs”– Minsk: BSUIR, 2015. – pages 54-55.

13. I. Matskevich, The implementation of a student-centered approach in mathematics teaching for students with hearing problems / I. Matskevich // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 56-58.

14. V. Nazarenko, Information and educational environment model for support of persons with special needs / V. Nazarenko, V. Fedosenko, G. Shahlevich, V. Gulenko // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 65-67.

15. V. Nazarenko, Socio-psychological rehabilitation of students with special needs / V. Nazarenko, Г.М. G. Shahlevich, Kuharenko // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs”– Minsk: BSUIR, 2015. – pages 68-70.

16. A. Akhrymenka, Legal issues in educational field for persons with special needs / A. Akhrymenka, A. Kosak, P. Poltoreskaya // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 74-77.

17. V. Pachinin, Bilingual education as an element of inclusive education / V. Pachinin, V. Nikplaenko, L. Pachinina // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 78-79.

18. V. Pachinin, The organization of inclusive education in the United States based on information technologies / V. Pachinin, L. Pachinina // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 80-82.

19. I. Shpak, Higher Education and Education for Deaf Persons in Israel / I. Shpak, G. Shahlevich // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 100-102.

20. A. Kosak, Organization features of the educational process for children with special needs / A. Kosak, A. Akhrymenka, S. Vlasyuk // International Scientific and Practical Conference “Continuing Professional Education for Persons with Special Needs” – Minsk: BSUIR, 2015. – pages 109-110.

21. A. Akhrymenka, Digital divide in persons with special needs context/ A. Akhrymenka, I. Sidarchuk, A. Parfenchyk // XVIII international scientific-practical conference “Law-making and law enforcement as a factor in the effective modern economic systems development”, Grodno: Yanka Kupala State University of Grodno, 2016; – pages 9 -11.

22. G. Shahlevich, Socio-psychological rehabilitation of students with peculiar psychophysical development / G. Shahlevich, V. Nazarenko, E. Kuharenko // III International Scientific and Methodological Conference “Modern trends in additional education for adults” – Minsk: Republican Institute of Higher Education, 2016. – part 2. – pages 109-113.

23. A. Akhrymenka, Availability of information resources for persons with special needs in the Republic of Belarus / A. Akhrymenka, I. Sidarchuk, A. Parfenchyk // IV international correspondence scientific-practical conference “Information systems and technologies: management and security” – Tolyatti: PVGUS publishing house, 2016. – pages 135–139.

24. E. Zhivitskaya, Using of information and communication technologies to bridge the digital divide for persons with special needs / E. Zhivitskaya, A. Akhrymenka //5th International Scientific and Technical Conference Information Systems and Technologies (ICT-2016). - Kharkov: Madrid publishing house, 2016. – pages 208-210.

25. N. Bobrova, Justification of using a complex of diagnostic methods for assessing a person psycho-

physiological state / N. Bobrova // Bulletin of the NTUU "KPI". Computer science, management and computing. – 2015. – № 61. – pages 49-53.

26. Exam allowance guidance notes for persons entering the public service the first time / A. Ivanovsky [and others]; edited by M. Zhilinsky. – Minsk: National Center of Legal Information of the Republic of Belarus, 2015. – page 416.

27. M. Batura, IIT BSUIR and UNESCO cooperation / M. Batura, V. Nazarenko, G. Shahlevich // Special education – 2016. – № 3. – pages 5-8.

28. B. Nikulshin, Organization training experience in distance education for persons with special needs / B. Nikulshin, V. Bondarik, A. Krivenkov // Special education. – 2016. – № 3. – pages 8-12.

29. I. Sidarchuk, Educational Model in Common Information Space of Union State / I. Sidarchuk // Common Information Space of Union State: compendium of The 45th permanent seminar meeting at the Parliamentary Assembly of Belarus and Russia Union on the construction of the Union State, May 11-12, 2016/ enter of System Analysis and Strategic Research of the National Academy of Sciences of Belarus; edited by S. Strelchenko. – Minsk, 2016. – pages 26–36.

30. I. Sidarchuk, Legal protection mechanism of education rights in the Republic of Belarus / I. Sidarchuk, A. Parfenchyk // The ideal of a free person: from international covenants on human rights to a modern constitution: summary report, International scientific-practical conference (Minsk, December 16, 2016) / The Academy of the Ministry of Internal Affairs of the Republic of Belarus ; edited by: A, Yaskevich [and others]. – Minsk: The Academy of the Ministry of Internal Affairs of the Republic of Belarus, 2016. – pages 170-173.

31. M. Radoman, Inclusive Education in ICT / M. Radoman, V. Fedosenko // Continuing vocational education for persons with special needs: articles' collection from international scientific and practical conference (Minsk, December 14 – 15, 2017 ). – Minsk: BSUIR, 2017. – pages 103 – 106.

31. V. Fedosenko, ICT Education for persons with special needs in sustainable development / V. Fedosenko, V. Nazarenko // Continuing vocational education for persons with special needs: articles' collection of the international scientific and practical conference (Minsk, December 14 – 15, 2017). – Minsk: BSUIR, 2017. – .pages 122 – 124.

32. V. Nazarenko, Elements of distance learning in additional adult education / V. Nazarenko, V. Fedosenko, P. Poltoretskaya // Distance Learning - Educational Environment of the 21st Century: Proceedings of the 10th International Scientific and Methodological Conference (Minsk, December 7 – 8, 2017). – Minsk : BSUIR, 2017. – pages 269.

33. I. Sidarchuk, Optimization of legal regulation based on regulatory impact assessment / I. Sidarchuk / pravo.by. – 2017. – № 1. – pages 21–25.



34. I. Sidarchuk, Development of new professional competencies of certain categories for employees in the transition to e-government conditions / A. Akhrymenka, I. Sidarchuk // Additional education for adults: problems and development prospects: compendium of III International scientific-practical conference, March 24, 2017 / University of Civil Protection; release officer: Y. Karmazina – Minsk: University of Civil Protection, 2017. Page – 173, pages - 123 – 126.

35. I. Sidarchuk, Socio-economic rights guarantees of citizens: legal framework and institutional practice / I. Sidarchuk // Current trends in ideological work in the Republic of Belarus: scientific and methodological aids / S. Reshetnikov [and others] ; edited by: M. Zhilinskiy [and others]. – Minsk : Academy of Public Administration under the aegis of the President of the Republic of Belarus, 2017. – pages 159–182.

36. I. Sidarchuk, Debureaucratization as a condition for effective government / I. Sidarchuk // Actual trends of ideological work in the Republic of Belarus: scientific and methodological aids / S. Reshetnikov [and others] ; edited by: M. Zhilinskiy [and others]. – Minsk : Academy of Public Administration under the aegis of the President of the Republic of Belarus, 2017. – pages 217–235.

37. Article-by-article comment to the Law of the Republic of Belarus of July 18, 2011 No. 300-3 “On Appeals of Citizens and Legal Entities” (as amended by the Law of the Republic of Belarus of July 15, 2015 No. 306-3)/ I. Sidarchuk [and others] ; edited by: M. Zhilinskiy; Academy of Public Administration under the aegis of the President of the Republic of Belarus, 2017. – page 270.

38. L. Gaponova, A. Lapshov, Development of psychological culture of parents through participation in the group “Successful Parent” // Education and training, N 12, 2017, page 321.

39. N. Kapustina, Investigation of building sustainable violations of personal and professional behavioral adaptation in the labor process / N. Kapustina // Computer-aided design and manufacturing technologies of electronic systems: materials of 53rd scientific conference of PhD, Master and Bachelor BSUIR students. - Minsk: BSUIR, 2017. – page 66.

40. I. Sidarchuk, Implementing Sustainable Development on the Regional Level in Belarus / I. Sidarchuk, A. Akhrymenko, O. Shmakova, A. Grigoriev, A. Parfenchyk, O. Kulai // European Journal of Sustainable Development. – 2017. – Volume 6, iss. 4. – pages 435–443.

41. I. Sidarchuk, Implementing Sustainable Development on the Regional Level in Belarus / I. Sidarchuk, A. Akhrymenko, O. Shmakova, A. Grigoriev, A. Parfenchyk, O. Kulai // Sustainable Development : Proceedings from 5th International Conference, Rome, September 6-7, 2017 / European Center of Sustainable Development ; edited by: P. Magnini [and others]. – Rome, 2017. – pages 149–150.

	<p>42. I. Sidarchuk, Development approaches of inclusive civil service in the Republic of Belarus "/ I. Sidarchuk, A. Parfenchyk // Management problems. – 2018 – № 2 – pages 44-51.</p> <p>43. I. Sidarchuk, Educational Model in the Information Society // I. Sidarchuk // State regulation of the economy and improving the efficiency of business entities: compilation of research-based reports: XIV International Scientific and Practical Conference, Minsk, April, 19-20, 2018 / edited by : M. Zhilinsky [ and others] ; Academy of Public Administration under the aegis of the President of the Republic of Belarus, 2018. Pages – 301–303.</p> <p>44. N. Kapustina, The role of professional adaptation in the labor process / N. Kapustina // Psychology, education: current and priority research areas: materials of scientific conference of PhD, Master and Bachelor students, young scientists and their mentors. - Tver: Tver State University, 2018. – pages 52-57.</p> <p>45. N. Kuchinskaya, The leadership qualities development for individual students through socio-psychological training / N. Kuchinskaya // Innovative experience of ideological, educational information work in high school: Materials VII International scientific-practical conference, Gomel, 2018 Ministry of Transport and Communications of the Republic of Belarus, Belarusian State University of Transport - Gomel : Belarusian State University of Transport, 2018. -- pages 218-220.</p> <p>46. O. Adamovich, Art therapy possibilities to develop a healthy lifestyle / O. Adamovich // Innovative experience of ideological, educational information work in high school: Materials VII International scientific-practical conference, Gomel, 2018 Ministry of Transport and Communications of the Republic of Belarus, Belarusian State University of Transport - Gomel : Belarusian State University of Transport, 2018. -- pages 150-152.</p> <p>Study plans and study programs in the field:  “Computer science and programming technology”;  “Information Systems and Technologies (in business management)”;  “Programmable Mobile Systems”;  “Software Information Technologies” and others.</p>
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**e) Cooperation with UNESCO headquarters, field offices**

Meeting of the 5th International Conference of UNESCO IITE and UNITWIN/UNESCO Chairs “UNESCO Chairs Partnership of ICT using in Education” with the UNESCO ICT Sector Manager David Stortie were held. The possibility of development and implementation in ICT sphere were discussed.

The current communication and coordination between Chair and the UNESCO Secretariat is carried out through the Commission of the Republic of Belarus for UNESCO. Participation in the 39th session of the UNESCO General Conference. At the meeting dedicated to the 25th anniversary of the UNITWIN program / UNESCO Chairs, the Deputy Head of the UNESCO Chair V. Fedosenko represented the department, informed about the activities of IIT BSUIR, informed about the educational services (Paris, November 30, 2017).

The National Center for Legal Information of the Republic of Belarus interacts with the UNESCO Chair.

**f) Other  
(any other activity)**

As part of the department’s work, BSUIR students were trained to participate in:

9th International Professional Skills Competition for Persons with Special Needs “Abilympics Bordeaux” (2016) in the nomination “Administration and Management of Network Systems” (3rd place);

III National Professional Skills Championship among people with special needs "Abilimpiks" (Moscow, Russia, 2017). The team of participants: A. Antonov, third-year student of the Faculty of Computer Technologies (IIT BSUIR), V. Mukhametov, Associate Professor of Microprocessor Systems and Networks Department (IIT BSUIR), R. Makovetsky, listener of courses in Informatics Academy, BSUIR. The team took part in competitions on the competences “Network and system administration” and “Web design and development”.

Measures to improve the material and technical base and barrier-free environment of IIT BSUIR have been taken. Ramps were installed, sanitary facilities and parking spaces for cars were built.

A version for the visually impaired has been created on the IIT BSUIR website.

The department participated in the projects competition for the award named after King Hamad Bin Isa Al-Khalifa. The project funded by the Kingdom of Bahrain. The project was created to support innovations in teaching and learning fields, in order to use technology to improve education outcomes “ICT using for expand access to quality education”, September 2017 - January 2018.

Chair prepared and proposed to the Department of Humanitarian Cooperation of the Executive Committee of the Commonwealth of Independent States for the project implementation “Social Rehabilitation for Persons with Special Needs”.

Projects on the scientific and methodological support of vocational training for persons with hearing impairment in the field of ICT were sent to the Department of Special Education of the Ministry of Education of the Republic of Belarus.

Two videos were made for "Gesture" TV channel. The videos were about the specialties of IIT BSUIR, the conditions of admission and training. The videos were broadcast for people with hearing impairments.

N. Susko (student, IIT BSUIR), in a team with students from the Minsk College of Radio Engineering, won the Republican stage in a contest “100 Ideas for Belarus”. N. Susko won with the project “Mobile Navigator for People in Wheelchairs.”

On an ongoing basis, in conjunction with the BSUIR Socio-Pedagogical and Psychological Service:

- conducted research about the quality of educational services provided by IIT BSUIR;
- the moral and psychological climate was studied at the faculty of advanced training in IIT BSUIR;
- students’ subjective views about the effectiveness of the educational process in IIT BSUIR were investigated;
- communication trainings were conducted, including the Training by the “Cohesion Group”, the Training “Conflict Resolution”, etc.;
- social and pedagogical counseling and support was carried out for students from among orphans, disabled people, students from large and incomplete families, students who have fallen into a difficult life situation;
- advising for curators, caregivers and parents was carried out;
- assistance to obtain social benefits and guarantees from the university was provided: preferential meals, material assistance, payment exemption for living in hostel, compensation for transport costs;
- auditoriums were renovated;
- the creation of the ”Robodrom” and “Radionostalgia” Museum began;
- ramps have been installed, sanitary facilities for people with special needs, as well as parking spaces for their cars, have been made.

### **3. Future plans and development prospects:**

Action Plan for the next biennium and short / medium and long term development prospects. Please do not hesitate to refer to the difficulties that the department experienced (Not more than 300 words)

**Short term plans.** Capacity-building of the UNESCO Chair human resources; interaction with other UNESCO Chairs; interaction with the United Nations Development Programme Office in Belarus; participation in the events of the National Commission of the Republic of Belarus for UNESCO; conducting scientific events; providing professional development for specialists, teachers and social workers; organization of interaction with the socio-pedagogical and psychological BSUIR service, joint development of methods and measures for socio-psychological correction and prevention for students with special needs; assistance in the formation of personalized life strategies for persons with special needs; participation in scientific research on the areas of work of the UNESCO Chair, the development of guidelines for cloud services using, organization of training for persons with special needs, guidelines for training of civil servants in the digital transformation.

**Target (long term)** – promotion of professional and personal development using ICTs for persons with special needs in the framework of decisions and recommendations from the UN and UNESCO, government bodies and Belarusian organizations in the field of inclusive education, inclusive management, socialization, formation of citizenship, as well as improvement of legal regulation of physical, informational and organizational accessibility for public services to persons with special needs.

The project is focused on the following tasks:

1) Using ICT and mobile technologies to increase accessibility in the IT field for people with special needs. To create conditions under which people with special needs can have access to

lifelong education.

2) Formation of digital skills and soft-skills in persons with special needs for the implementation of the sustainable development concept (with the help of e-government and digital economy). The development of critical thinking, creativity, understanding of ethical aspects of life in persons with special needs.

3) Scale up IT-literacy among young people and adults, including conditions' creation for the participation of young women and men, taking into account the special needs of people with disabilities in society, managing the country and using their potential as carriers and subjects of social and economic transformations.

4) Achievement of inclusive social progress in education field, science, communication and information, exchange of scientific knowledge, provision of physical, informational and organizational accessibility of public services to the population, taking into account the special needs of people with disabilities.

### Supplement:

#### 1) Human resources

The Chair consists of the Chairperson, the Deputy Head of the Chair, the Secretary and Chair members, who perform their duties on a voluntary basis (total -12, including 2 Doctors of Science, 7 Candidates of Science, 3 Masters). Teachers and employees of IIT BSUIR and BSUIR, employees of the Social-Pedagogical and Psychological Services of BSUIR, institutions of higher education, including the Academy of Public Administration under the aegis of the President of the Republic of Belarus, as well as the National Center for Legal Information, the Republican Institute of Professional Education are involved in its work.

#### 2) Financial resources

Please, tick the sources of the financial deposit and indicate the amount in US dollars.

Host Partner Facility  
government agency  
Other State;  
Institution / Authority  
(including the Research Council);  
UNESCO;  
Other UN agency;

67 311

INTERGOVERNMENTAL  
ORGANIZATION;

Nongovernmental organization;

Industry;

Other private organizations;

3 171 US dollars

120

**Detailed information on financial contributions, material resources:**

2014: for the reporting period on the projects implementation allocated 70,602 US dollars.

No funds were allocated for the work of the UNESCO Chair.

2015: 4,539 US dollars was allocated for the work of the UNESCO Chair, including IIT BSUIR funding in amount 3,720 US dollars; sponsors' funds (Yeast Plant OJSC, System Technologies JLLC) in amount 819 US dollars.

Funds in amount of 4,539 US dollars were spent on:

- organization and holding of the 1st International Scientific and Practical Conference "Continuing professional education for persons with special needs". The conference was held on December 17-18, 2015 (4,212 US dollars);

- participation in the 5th International Conference of UNESCO IITE, June 1-5, 2015 (327 US dollars).

2016: 2,091 US dollars were spent, including: IIT BSUIR funds - 288 US dollars; sponsors' funds (LLC Softek Development) - 1,803 US dollars.

- 1,803 US dollars were spent for the development of the IIT BSUIR material base (acquisition of 2 computers and a memory module for upgrading computers);

- 288 US dollars were spent for the participation in "9th International Professional Skills Competition for Persons with Special Needs" Abilympics Bordeaux 2016, Bordeaux, France.

2017: 55,344 US dollars were spent, of which: IIT BSUIR financial resources - 54,675 US dollars; financial resources of the conference participants – 120 US dollars; sponsorship funds (Belarusian Railways - Belarusian Railways) - 549 US dollars.

36,551 US dollars were spent for installation of ramp, arrangement of a bathroom for persons with special needs, parking spaces for their cars;

- 5,083 US dollars were spent for the organization of the II International Scientific and Practical Conference "Continuing professional education for persons with special needs" (December 14-15, 2017);

- 10,800 US dollars were spent for the development of the material and technical base (purchase of the projector and its components);

- 2 361 US dollars were spent for participation in an overseas conference related to the Chair's activities (Moscow, Russian Federation), Paris (France);

- 549 US dollars were spent for the tickets' provision under the treaty between BSUIR and Belarusian Railway (Minsk-Moscow-Minsk for 2 person).

2018: 4,089 US dollars were spent, including IIT BSUIR funds expense (the repair of audiences and the creation of "Robodrom", the creation of "Radionostalgia Museum").