
Approaches to academic support for hearing-impaired students in inclusive vocational and higher education for the cases of Germany, the USA and Japan

© O.A. Oreshkina, Yu.A. Safonova

Bauman Moscow State Technical University, Moscow, 105005, Russia

We have analysed approaches to academic support for hearing-impaired students studying for academic degrees and vocational certifications under the inclusion model in Germany, the USA and Japan. We outline trends and the most important technologies common for these countries. The aspects that influence development of support systems include legislative and legal, economic, cultural, technological ones. We focus on institutional arrangements that ensure access to education. We emphasise networking infrastructure solutions and technologies as promising development directions. Apart from physical accessibility of the higher education institution environment, educational programs should be accessible in terms of their content. This analysis correlates with the best practices of Bauman Moscow State Technical University in this field.

Keywords: *students with disabilities, inclusion, support services, technologies, adaptive educational programs, accessible environments.*

REFERENCES

- [1] Malofeev N.N. *Almanakh instituta korrektsionnoy pedagogiki — Almanac of the Institute of special education*, 2007, no. 11. Available at: <http://alldf.ru/ru/articles/almanah-11/pochemu-integracija-v-obrazovanie-zakonomerna/> (accessed 17 February, 2016).
 - [2] Alekhina S.V. Inklyuzivnoe obrazovanie v Rossii [Inclusive education in Russia]. *Materialy proekta «Obrazovanie, blagopoluchie i razvivayushchayasya ekonomika Rossii, Brazili i Yuzhnoy Afriki»* [Proc. of the “Education, welfare and developing economy of Russia, Brazil and Southern Africa” project]. Available at: http://psyjournals.ru/edu_economy_wellbeing/issue/36287.shtml (accessed 17 February, 2016).
 - [3] Unsere Weg in eine inklusive Gesellschaft. *Der Nationale Aktionsplan der Bundesregierung zur Umsetzung der UN-Behindertenrechtskonvention. Bundesministerium für Arbeit und Soziales*. Berlin, 2011, 174 s.
 - [4] Die IBS stellt sich vor. *Deutsches Studentenwerk*. Available at: <http://www.studentenwerke.de/de/content/die-ibs-stellt-sich-vor> (accessed 27 April, 2016).
 - [5] Autonomes Behindertenreferat (ABeR). *StudiWiki*. Available at: <http://studiwiki.asta-dortmund.de/gremienstudis/aber> (accessed 27 April, 2016).
 - [6] *Beeinträchtigt studieren. Datenerhebung zur Situation studierender mit Behinderung und chronischer Krankheit 2011*. Berlin, Deutscher Studentenwerk, 2012, 328 s.
 - [7] *Eine Hochschule für Alle. 6 Mitgliederversammlung am 21.4.2009. Hochschulrektorkonferenz*. Available at: <http://www.hrk.de/positionen/gesamtliste-beschluesse/position/convention/eine-hochschule-fuer-alle> (accessed 27 April, 2016).
 - [8] Accessibility in Education. *Microsoft Accessibility*. Available at: www.microsoft.com/enable/education/ (accessed 29 May 2016).
-

-
- [9] History. *PEPNet2*. Available at: <http://www.pepnet.org/about-us/history/> (accessed 25 April, 2016).
 - [10] About Us. A Vision of excellence. *CSUN*. Available at: <http://www.csun.edu/ncod/about-us/> (accessed 25 April, 2016).
 - [11] Nishioka T. *Educational support for deaf students in Japanese university*. Presentation in Bauman Moscow State Technical University, 2016.
 - [12] SpecialProjects. *Tsukuba University of Technology*. Available at: http://www.tsukuba-tech.ac.jp/english/special_projects.html/ (accessed 21 April, 2016).

Oreshkina O.A. graduated from D. Mendeleev Institute of Chemical Technology in 1978, and Bauman Moscow State Technical University in 2013. Senior Lecturer, Department of Rehabilitation of the Disabled, Bauman Moscow State Technical University Centre for Complex Rehabilitation of the Deaf and Hard-of-Hearing. Specialises in engineering education and rehabilitation of the disabled.
e-mail: Olga_Oreshkina@yahoo.com

Safonova Yu.A. graduated from Moscow State Pedagogical University in 2000. Cand. Sci. (Philos.), Assoc. Professor, Department of Rehabilitation of the Disabled, Bauman Moscow State Technical University Centre for Complex Rehabilitation of the Deaf and Hard-of-Hearing. Specialises in engineering education and rehabilitation of the disabled.
e-mail: safonova@bmstu.ru
