

Some Results and Prospects of BMSTU's Participation in PEN-International

Brief Overview

A faint, semi-transparent image of two hands shaking is visible in the lower-left quadrant of the slide, serving as a background element for the text.

Before 1934

- There was no engineering education for the Deaf in Russia

1934

- Engineering education for the Deaf started in BMSTU

1990

- BMSTU Deafness Center started



1991

Cooperation between NTID and BMSTU was launched

- BMSTU's delegation headed by Rector Fedorov visited NTID
- NTID's delegation headed by NTID's Rector visited BMSTU

1991-1993

- Development of close bilateral relations between NTID and BMSTU



1994

State support for programs for the Deaf started

- Setting up BMSTU Federal Center for the Deaf



2002

PEN-International Program launched in Russia

- 2002 March: Memorandum of Understanding was signed



2002

- BMSTU and NTID faculty training
- NTID students' visit to BMSTU



2002

- Multimedia PEN-Lab was opened



2003

- Russian deaf students' visit to Rochester
- Dissemination of PEN-International program's experience throughout Russia with financial support from the Government of Russia
- Origination of PEN-Russia network

2004

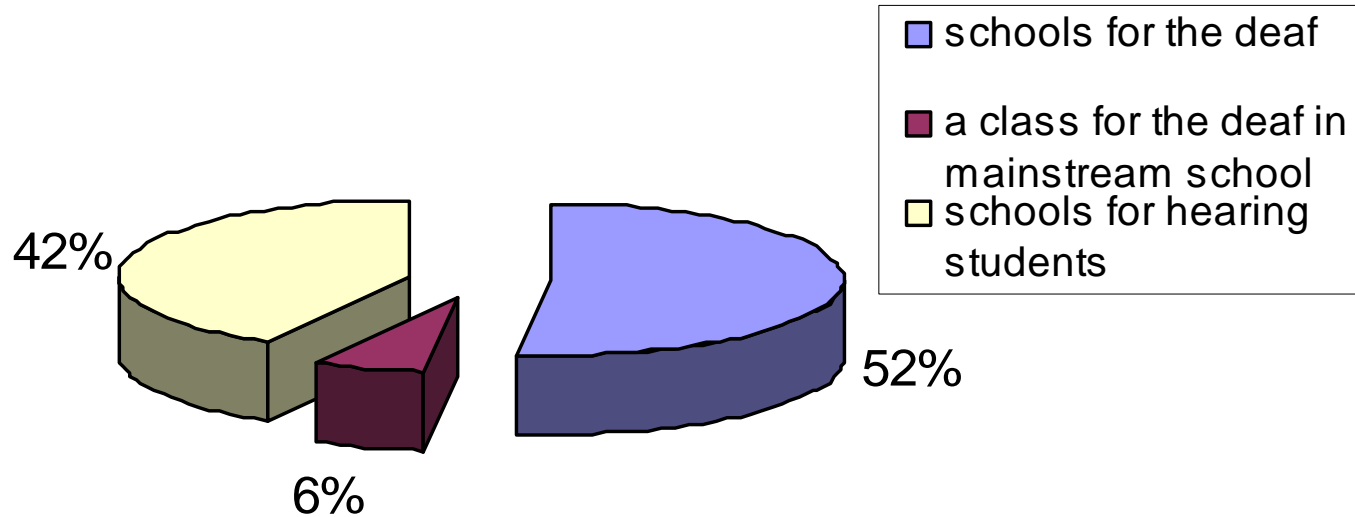
- BMSTU faculty visiting Pittsburg
- Carrying out advanced training of school teachers and university faculty
- dissemination of PEN-International's experience in Russian schools (pre-college education)

2004

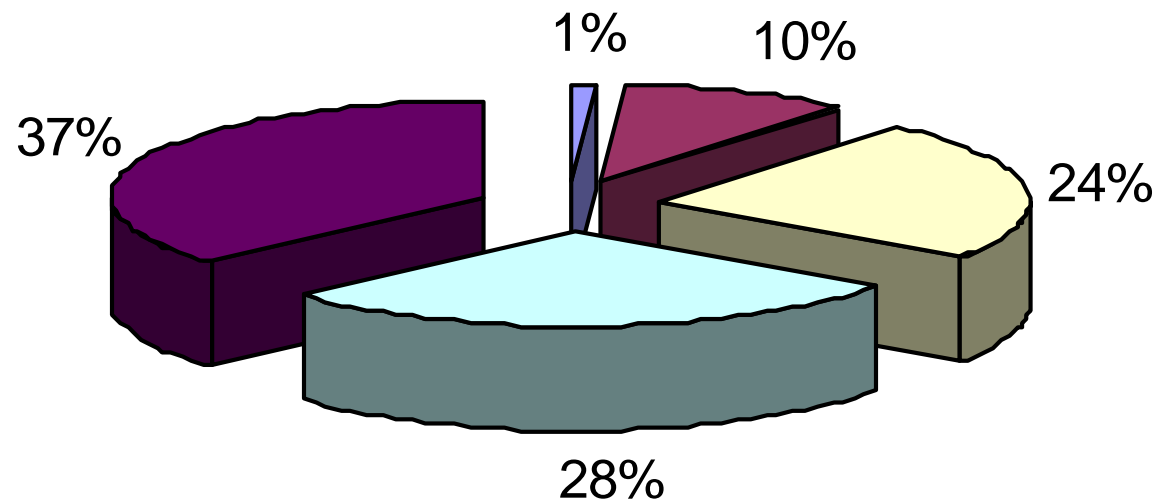
- The second part of PEN-Lab was opened.
(Wireless Technology Laboratory)



After leaving schools 180 deaf and hard of hearing students get education at BMSTU



Degrees of Hearing Loss



I Up to 40 decibels

II Up to 55 decibels

III Up to 70 decibels

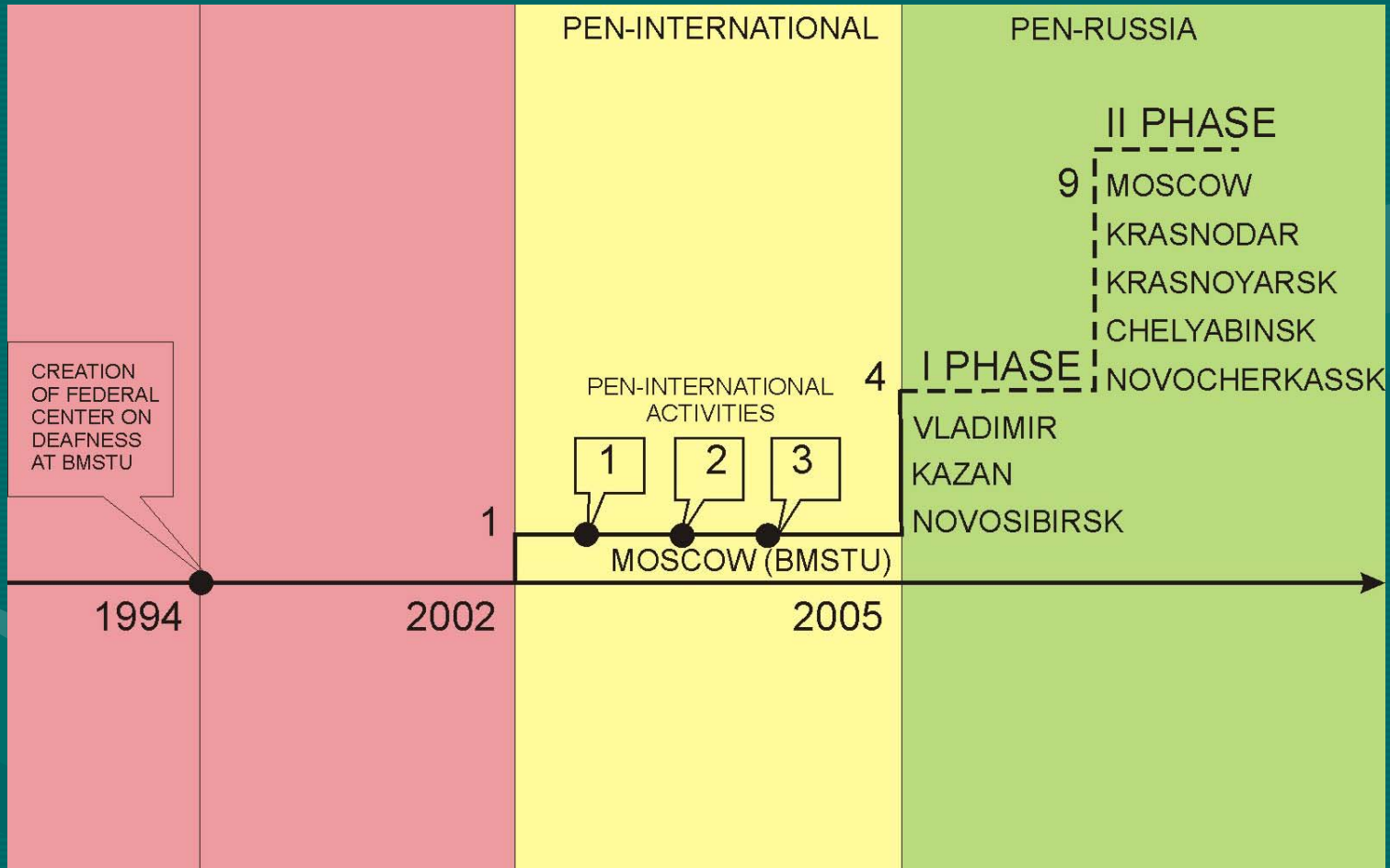
IV Up to 90 decibels

Profound deafness (more than 90 decibels)

PEN-International/BMSTU activities

1. The creation of the necessary prerequisites for PEN in Russia
2. Working out the concept for PEN- Russia
3. Technology resources' growth under the aegis of PEN-International

PEN-International partnership expansion is an important result





BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY CENTER FOR THE DEAF

PEN-RUSSIA - Development of Network Educational System for the Deaf on basis of the PEN-International experience



RUSSIA

С Е В Е Р Н Ы Й Л Е Д О В И Т Ы Ч У Я Т С К О Е



Aims of PEN in Russia

- Ensuring training programs' accessibility
- Ensuring high quality of education
- Ensuring high quality of sign language interpretation and other support services

PEN-Russia Concept

- Training deaf university students in the mainstream
- Complying with the State Educational Standard
- Software, hardware and telecommunication systems' compatibility of PEN program's participants
- Curricula compatibility
- Faculty and staff training

Development of Deafness Center's Technological Facilities

New PEN technologies and the development of new techniques help deaf students master the material which they failed to master earlier.

Trends in Developing Technological Resources

- Creating university-wide informational environment for rendering services to deaf students
- Free unlimited access to educational resources and Internet for deaf students
- Video conferencing
- Distance teaching and learning
- Support system development

Specific examples of successful impacts

- Center on Deafness' information environment integration
- Center's integration into University
- Faculty training
- Introducing multimedia into training process
- Working out new courses for deaf students to be taught in two new PEN labs
- Improvement of sign language interpreting services (plasma panel, multimedia glossary of signs)

Specific examples of challenges

- Human factor. Problems associated with specialized departments faculty's qualification and mentality
- Problems of interaction and cooperation with University's specialized departments