

Novosibirsk State Technical University (NSTU), founded in 1950 as the Novosibirsk Institute of Electrical Engineering, is one of the major research and educational centers of the Siberian federal district.

University has earned recognition in Russia and abroad is connected with high quality of training specialists, innovative technologies of organization of the educational process and close co-operation with the leading scientific schools



- ❖ **Specialties 115**
- ❖ **Faculties 17**
- ❖ **Total amount of students 24500**
- ❖ **Total amount of teachers 2000**

- ❖ **Specialist programs 50**
- ❖ **Postgraduate programs 22**
- ❖ **Bachelor programs 32**



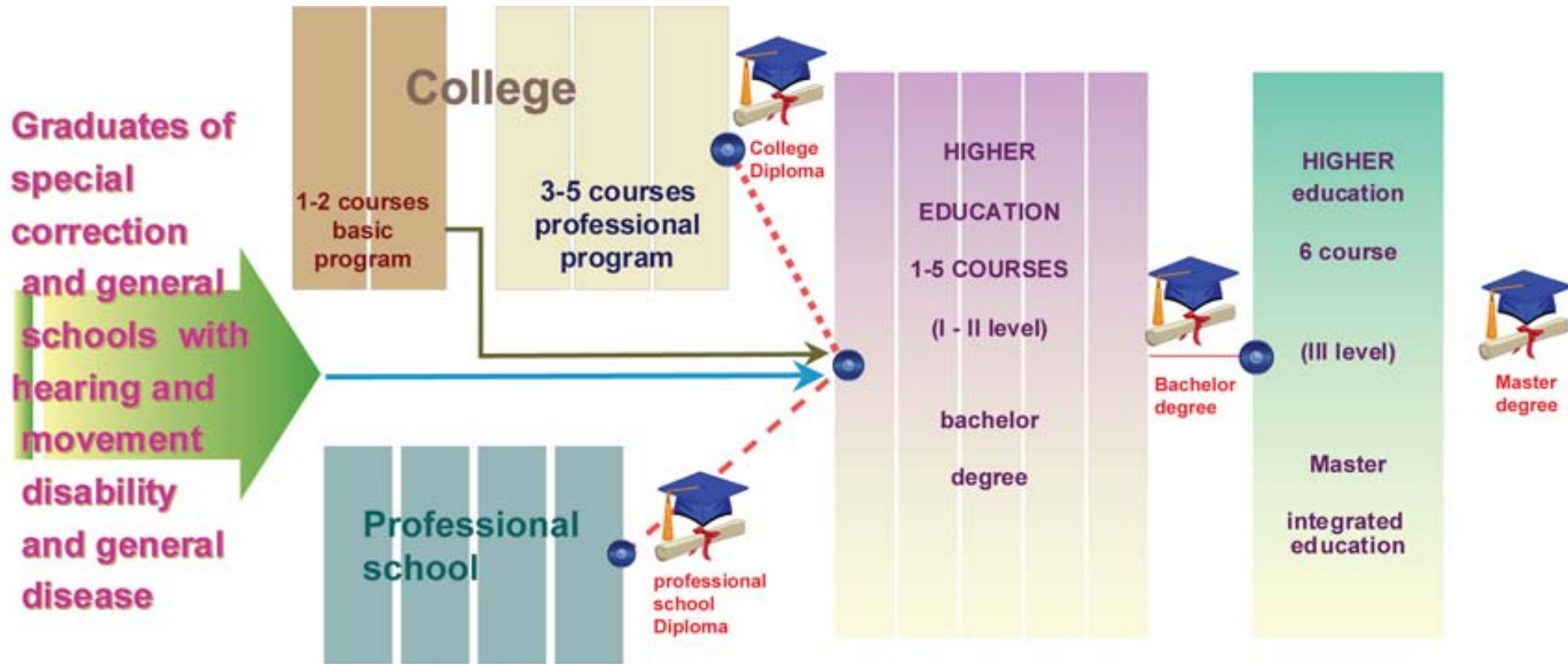
The university employs a system of education and rehabilitation for the persons with disabilities

NSTU is the PEN-Russia partner

Our Features

- ❖ **The Institute of social rehabilitation is a part of the NSTU.**
- ❖ **NSTU realized a unique model of education disabled persons with hearing.**
- ❖ **Training of the hard of hearing students is carried out at the university in three levels: Higher Professional Education, Secondary Professional Education and Primary Professional Education**

System of education deaf and hard of hearing student



Regions of the ISR students' living

18 - Regions



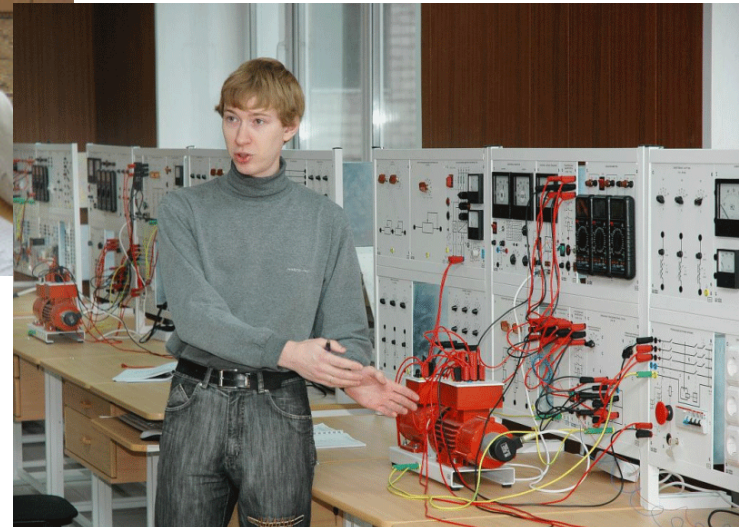
NSTU in PEN-INTERNATIONAL

PEN-RUSSIA project objectives

- ❖ The primary objective of the project is to implement and expand a cooperative network of educational institutions.
- ❖ Providing postsecondary education to students who are deaf and hard of hearing using innovative methods.
- ❖ Instructional technologies, and faculty training and development.

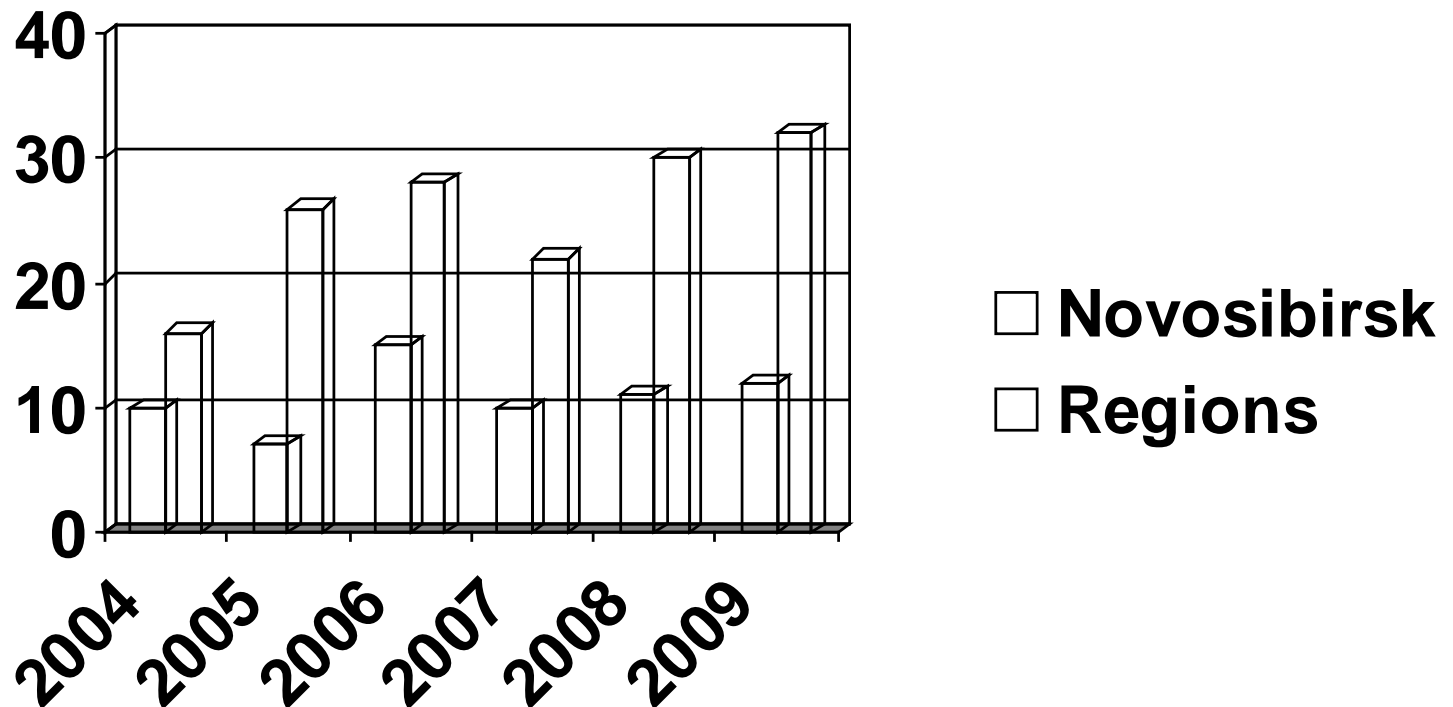
Complex “Kindergarten – School – Higher school”

The ISR exports the PEN-International ideology into the educational institutions of different levels



Quiz-games in mathematics, informatics, history and physics are held annually for school-age child from the Siberian Federal Region

The amount of the participants in the quiz-games



The center for the development of creativity



The Centre was founded in 2008
by the initiative of the Novosibirsk
region administration

\$23,000 were allocated for
development of the project-
conception

VOCATIONAL GUIDANCE

Directions:

Technical creativity:

Computer graphics

Aircraft modeling

Theatre creativity:

Dancing

Pantomime

Artistic creativity:

Ceramics

Embroidery

PEN-Project Outcomes

- ❖ The equipment for the multi-media Laboratories
- ❖ Conferences and seminars, uniting the universities
- ❖ Videoconferencing with the Project participants
- ❖ Courses for the teachers



**multimedia computer
laboratories**

**Now there are 6 multimedia laboratories in the ISR
3 laboratories had been equipped at the means
of the PEN-INTERNATIONAL:**

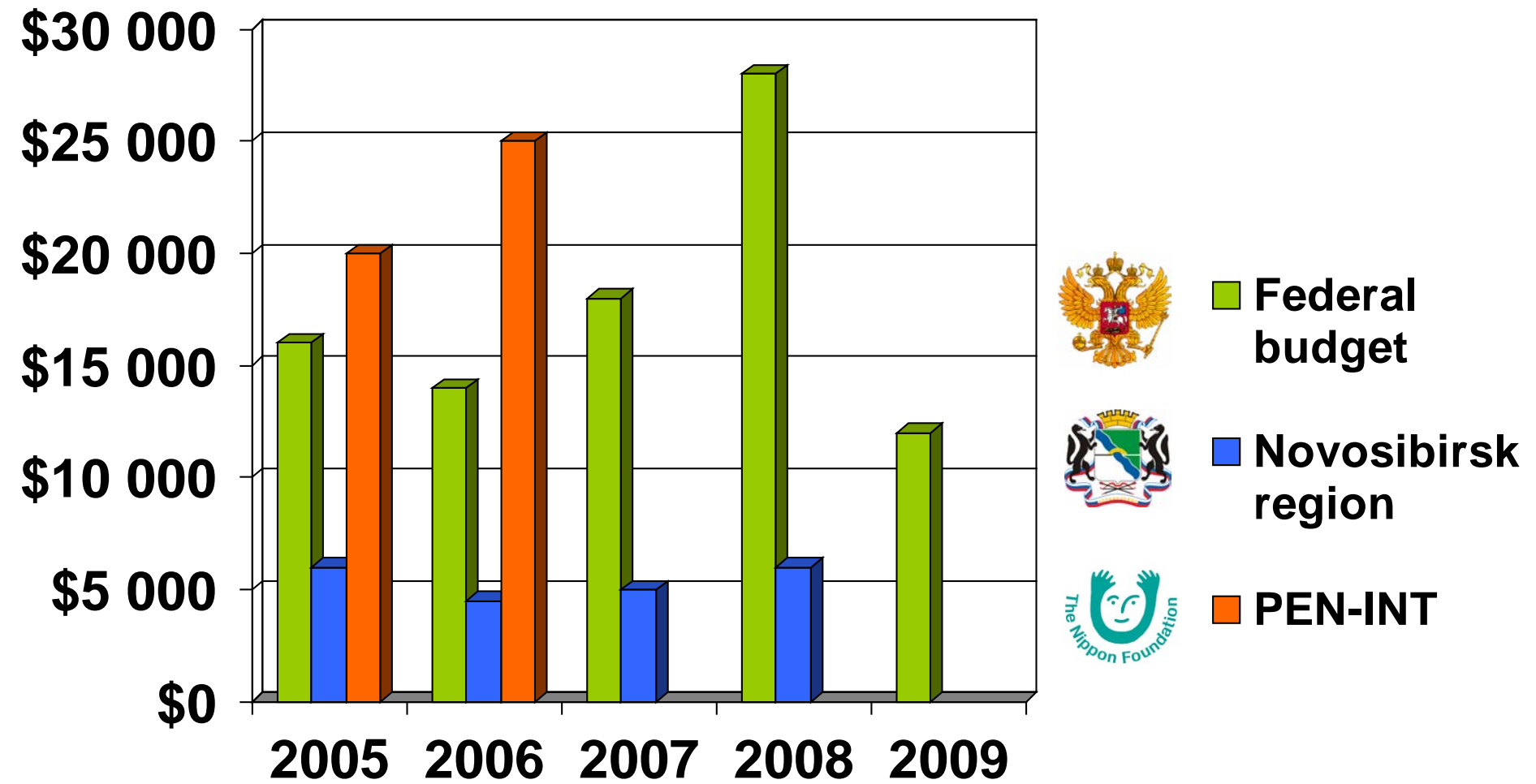
PEN-laboratory of computer graphics

PEN-laboratory of information technologies

PEN-laboratory of publishing technologies



Financing resources



Federal budget

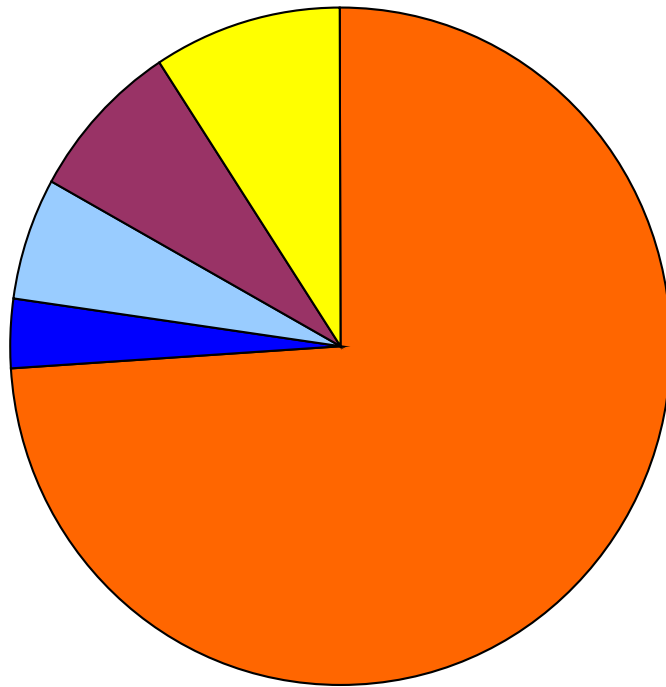


Novosibirsk region



PEN-INT

Planning time for use the laboratories:



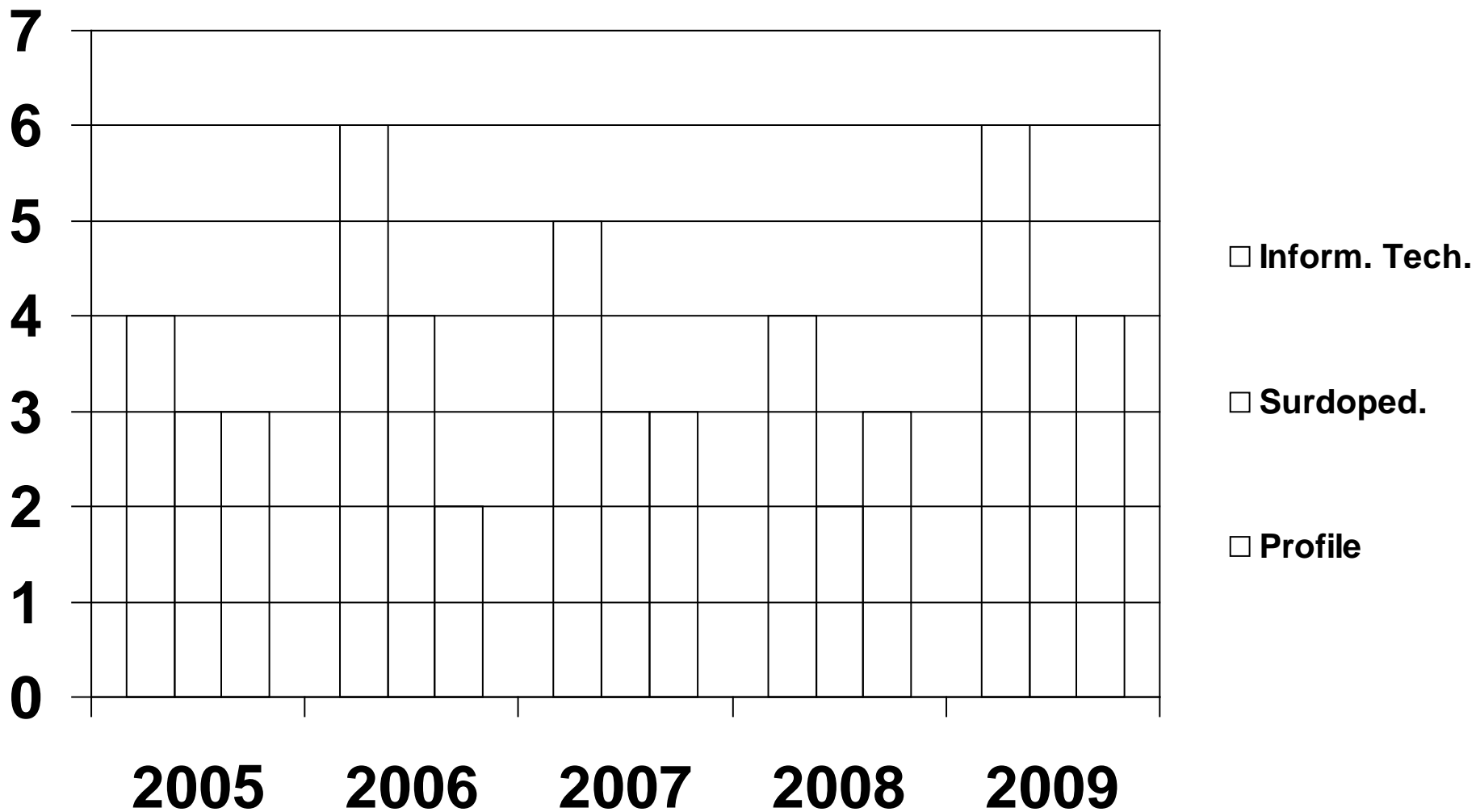
- auditorium studies**
- consultations**
- independent students' work**
- workshops for the teachers**
- studio studies/ circles**

Every laboratory is used 60 hours a week

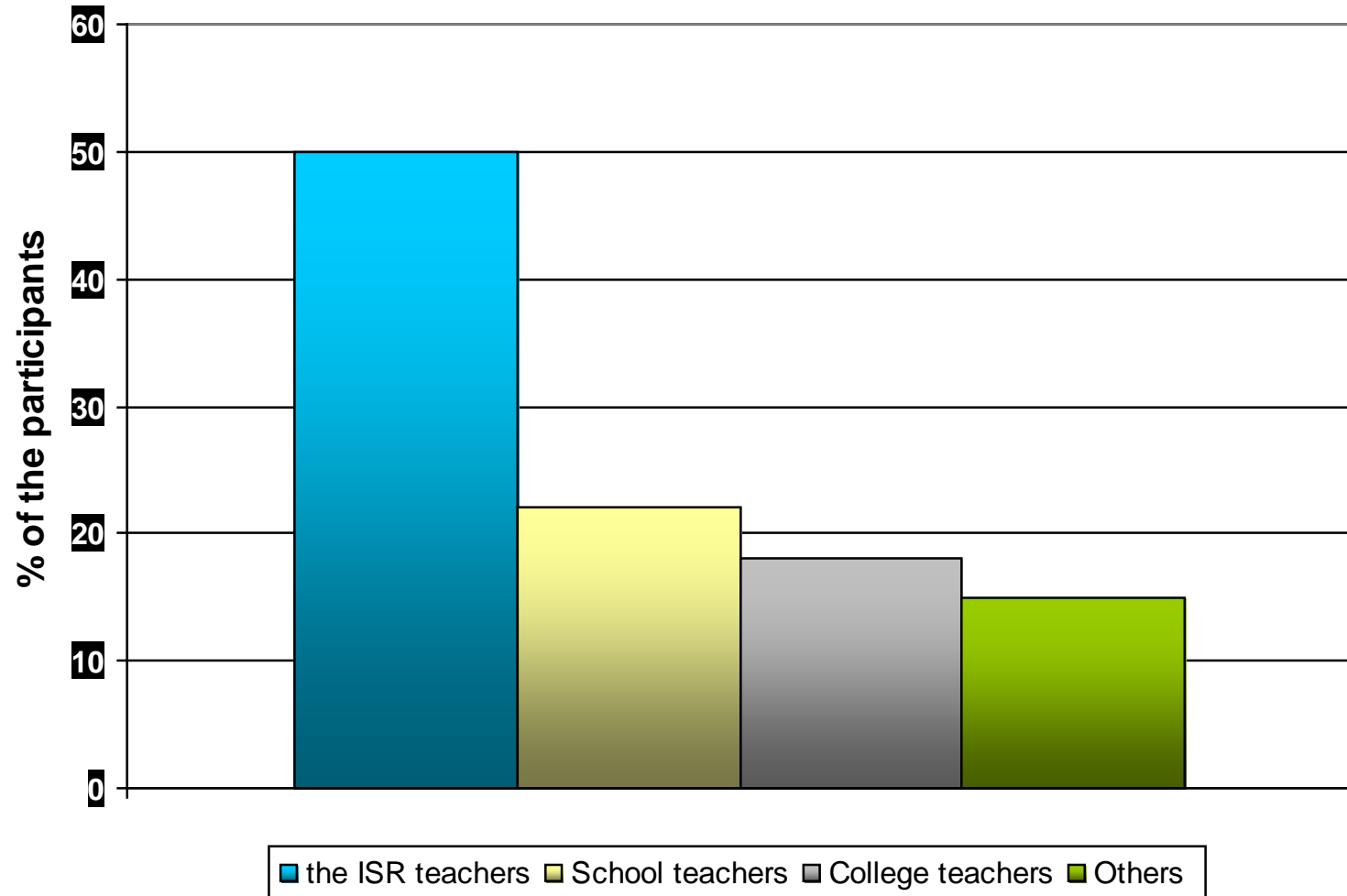
WORKSHOPS

Amount of the workshops

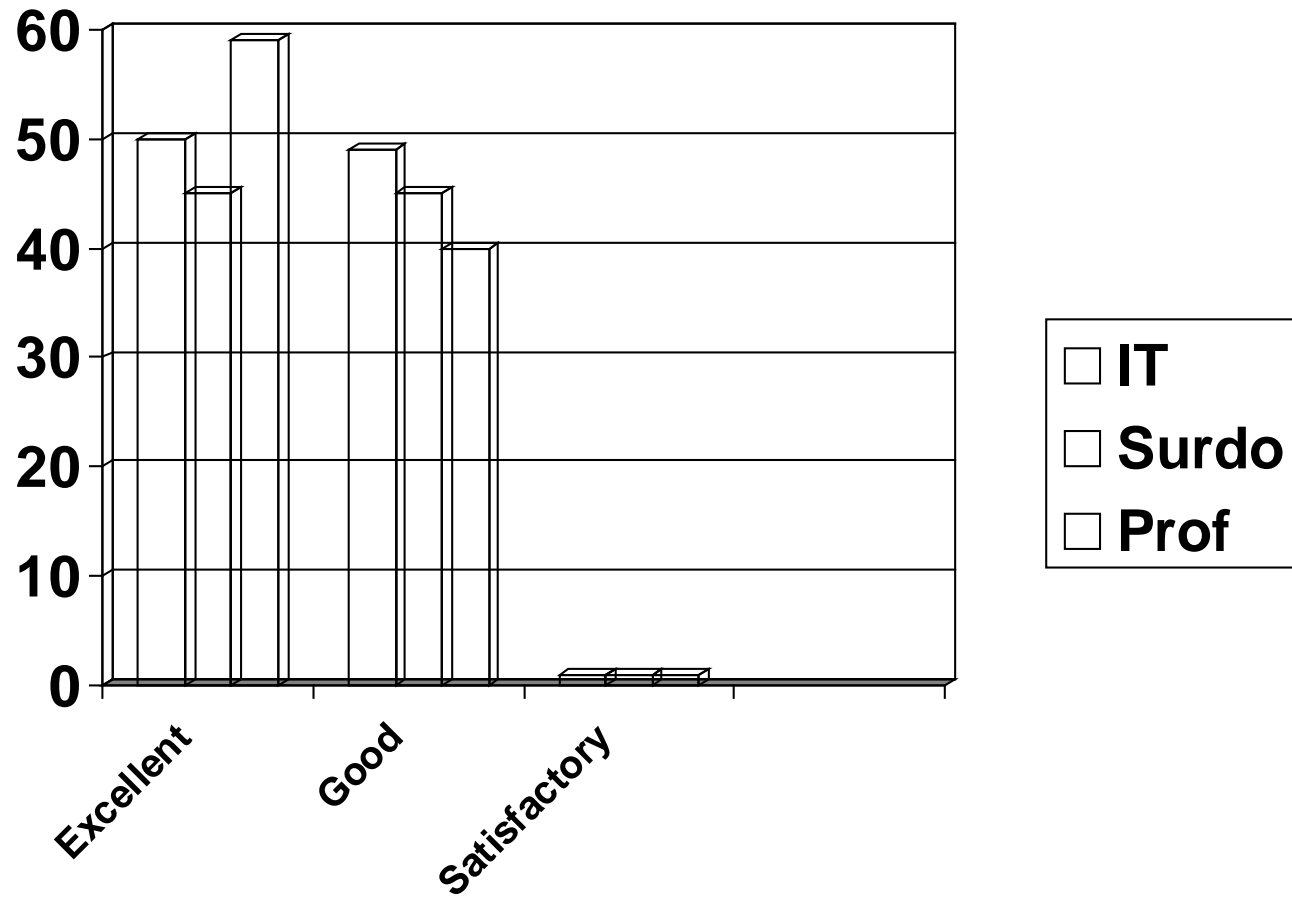
Statistics of the workshops had been held in frames of the PEN-INTERNATIONAL



Workshops' Participants



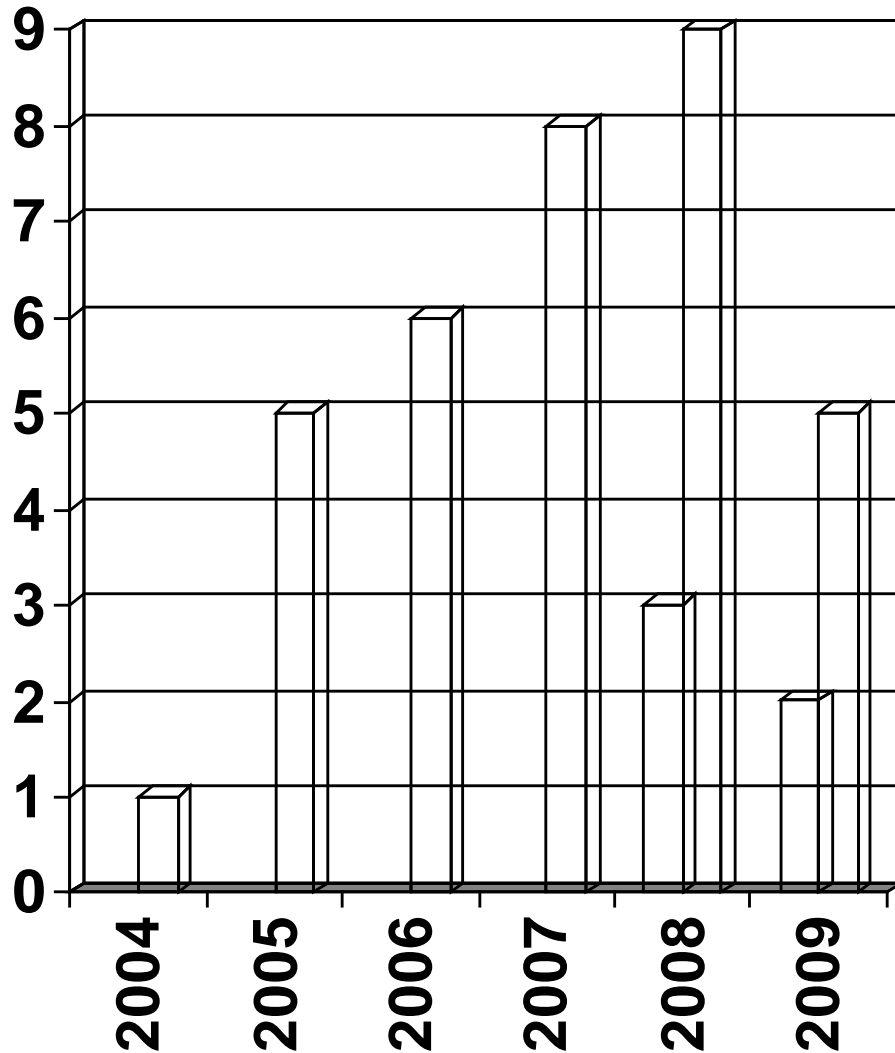
Participants' opinions about the workshop result



VIDEOCONFERENCING

Each partner of the PEN-Russia has purchased a multipoint videoconferencing system in 2007 in an effort to further partner relations, advance collaboration initiatives, and train students remotely.

STATISTICS OF THE VIDEOCONFERENCING



□ VCON 3000



□ Skype

ACTIVITIES of the NSTU

- Development of co-operation between the PEN-Russia partners
- Export of the PEN-International philosophy into the regions
- Development of the innovations, methodologies, staff, regional supporting centers
- Learning and using of the experience of the foreign PEN-International partners

thank you!

