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

Graduates of special correction and general schools with hearing and movement disability and general disease

College
- 1-2 courses basic program
- 3-5 courses professional program
- College Diploma

Professional school
- Professional school Diploma

Higher education
- 1-5 courses (I - II level)
- Bachelor degree

Higher education
- 6 courses (III level)
- Bachelor degree

Master integrated education
Regions of the ISR students’ living
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.
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

![Bar chart showing the amount of participants from 2004 to 2009 for Novosibirsk and Regions.](chart.png)
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
Every laboratory is used 60 hours a week.
WORKSHOPS
Statistics of the workshops had been held in frames of the PEN-INTERNATIONAL.
Workshops’ Participants

- the ISR teachers
- School teachers
- College teachers
- Others

% of the participants

- 50%
- 40%
- 30%
- 20%
- 10%
- 0%
Participants’ opinions about the workshop result

- Excellent
- Good
- Satisfactory

- IT
- Surdo
- Prof

Graph showing the distribution of opinions among three categories (Excellent, Good, Satisfactory) for different groups (IT, Surdo, Prof).
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 VIDEOCONFERENCE

- **VCON 3000**
- **Skype**

Year | VCON 3000 | Skype
--- | --- | ---
2004 | 1 | 1
2005 | 2 | 5
2006 | 6 | 7
2007 | 8 | 8
2008 | 9 | 9
2009 | 5 | 5
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!