



Министерство транспорта  
и коммуникаций  
Кыргызской Республики

**Training and Information Seminar on  
Modern Assistive Technologies for Persons with Disabilities  
Bishkek, Kyrgyz Republic, 7-8 December 2015**

**PROGRAMME**

**7 December 2015, Monday**

**Trainer: Mr. Anatoly Popko**

08:30 - 09:30	Registration of participants
09:20 – 09:30	Group photo
09:30 - 10:00	Opening remarks: <ul style="list-style-type: none"> <li>• Kyrgyz State Technical University named after Iskhak Razzakov;</li> <li>• International Telecommunication Union (ITU);</li> <li>• UNESCO Institute for Information Technologies in Education.</li> </ul>
10:00 – 11.00	Review of current trends of hi-tech assistive technologies for visually impaired persons: <ul style="list-style-type: none"> <li>• Availability of modern touch devices based on IOS and the Android;</li> <li>• Satellite navigation for visually impaired persons;</li> <li>• Access to art and educational resources under the DAISY-online protocol;</li> <li>• Demonstration of samples typhlo devices: smartphones for blind, the device for reproduction of the "speaking" books (typhlo flash player), electronic manual video enlargers, etc.</li> </ul>
<b>11.00 – 11.30</b>	<b>Coffee-break</b>
11.30 – 13.00	MS Windows OS as program basis for the blind user workplace: <ul style="list-style-type: none"> <li>• Specialized software: screen access program (Jaws for Windows) and magnifying screen program (MAGic);</li> <li>• Connection, control and use of the Braille displays;</li> <li>• Availability of the third-party software and Internet resources.</li> </ul>
<b>13:00 - 14:00</b>	<b>Lunch</b>
14.00 – 15.30	The accessible environment for visually impaired persons:

	<ul style="list-style-type: none"> <li>• Concept of universal design;</li> <li>• Technical tools of rehabilitation, elements of accessibility of the city and transport infrastructure, service for ensuring accessibility and creation of accessible content;</li> <li>• The analysis of the best practices on inclusive education, employment and rehabilitation of visually impaired persons.</li> </ul>
<b>15.30 – 16.00</b>	<b>Coffee-break</b>
16.00 – 17.00	Concluding remarks of the first day. Questions and answers

## 8 December 2015, Tuesday

**Trainer: Mr. an Bean**

09:30 - 11:00	<p>Session 1: Overview of common assistive technology provision for persons with physical impairments:</p> <ul style="list-style-type: none"> <li>• Common operating system accommodations</li> <li>• Alternative keyboard and pointing devices</li> <li>• Switch access</li> <li>• Touch screens and tablet devices</li> </ul>
<b>11.00 – 11.30</b>	<b>Coffee-break</b>
11.30 – 13.00	<p>Session 2: Head tracking systems – meeting needs and moving forward:</p> <ul style="list-style-type: none"> <li>• Head tracking on desktop and tablet computers</li> <li>• On-screen keyboards and other specialist software</li> </ul>
<b>13:00 - 14:00</b>	<b>Lunch</b>
14.00 – 15.30	<p>Session 3: Eye gaze systems – getting it right:</p> <ul style="list-style-type: none"> <li>• Overview of current provision and future trends</li> <li>• Setting up and assessment</li> <li>• Specialist software vs Windows Control</li> <li>• Tracking progress and moving on</li> </ul>
<b>15.30 – 16.00</b>	<b>Coffee-break</b>
16.00 – 17.00	<p>Concluding remarks of the second day. Questions and answers. Closing of the seminar.</p>