Alippe.TV   Educational television channel project

DIMTV Ltd.
Digital Interactive Multimedia TV
Project Title: Interactive Multimedia Digital Broadcasting (IMDB) Networks in the Kyrgyz Republic (area with mountainous terrain)

Under the umbrella of the CIS Regional Initiatives projects, the ITU in collaboration with the Government of the Kyrgyz Republic intends to establish an Interactive Multimedia Digital Broadcasting Networks as a pilot to be replicated in other CIS countries. The main objective of this pilot project is to assess the impact of an IMDB services including digital television, internet and other information security services within an identified area in Kyrgyz Republic.
Our mission - global development of human potential

Using innovation solutions and up-to-date Technologies for future generation
Children who has limited opportunities for education
Children in remote areas
Children in nomadic families
Children in work
Children with disabilities
Children who have limitations by religion, family or other circumstances
Alippe.TV mission

To facilitate development of human potential via education using the achievements of modern telecommunication and IT.

To create regional and global educational networks for children of all races, confessions and develop tolerance a humanity.

To open the new opportunities for children with disabilities.
Full interactive

Computer keyboard, e-mail, chats, forums, educational programs are available for children
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Concept of educational packet broadcasting

Supplementing the standard school program. Assisting school teachers

TV classes touching upon all subjects for grades 1 to 11 of the common secondary school

Virtual classes for advanced study of particular subjects

Extracurricular subjects

On-air interactive classes and up-to-date multimedia technologies in education

Series of programs aimed at preparation for school, graduation final examinations and university entrance examinations

Broadcasting in local language

Absence of commercials and news
Alippe.TV
Tolerant world

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<th>Language</th>
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<td>in Kyrgyz</td>
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Alippe.TV
and talented children

All the children are born talented. Is the society able to develop these talents?

Alippe.TV will provide virtual classes to lecture specific subject in depth.

Children will have opportunities to attend the classes of the teachers with top qualification.

The network of Alippe.TV shorten the distances and make the talented people close each other.
The opportunities of Alippe.TV are wider than routine educational systems and open enormous opportunities for learning of foreign languages both for children and adults.

English
German
France
Chinese
Japanese
Arab
Turkish
Involvement of experts in the classes

Let a wise man say a word…
Let a stranger tell about the dust of the roads…
Let a potter sculpt a bowl…

Involvement of famous people as guest speakers who achieved prominent results in their professional career could facilitate the high interest of school children to a specific subject. Classes will be interesting and be based on practical experience of heroes.

School pupils are able to communicate with TV hosts on-air. Later on, in case of high interest to a topic, we can arrange special virtual class on specific topic.
Application of the latest technologies

Internet
Flash animation
3D modelling

Education with application of modern IT means can open new horizons for school pupils in education, not boring and monotonous as today, but creative, appealing and interesting.

Pupils, teachers and parents can find new opportunities and be motivated to develop on personal level.

Based on the achievements of today children can confidently enter into the day of tomorrow.
Series:
Want to know everything!

Series of programs targeted at developing the knowledge in different fields and skills to solve various practical tasks.

Viewers ask any kind of questions to hosts via post mail, SMS or on-air.

Later on, in further programs hosts answers to the questions. But they not only provide mere answer, but also tell about how they found out this information. For example, they can write a link to an Internet web-site (viewers tend to be motivated to use IT resources in their everyday lives), show an interview with an expert, quote a source from the book, or demonstrate video or photo materials.

Some answers can be evidenced by the demonstration experiments.
Series: I want to become a pilot,

If someone teaches me how
To fill the tank with fuel,
To start on the propeller.
Engine, take me to the sky,
So that birds could sing. (V. Mayakovsky)

Series of programs aimed to assist children in choosing a profession. Interviews and stories about the routine of people, their personal lives, various professional incidents and importance of in-depth study of particular subjects, possessing of particular physical and personal properties.

Interviews with college students who are getting ready to obtain this profession, daily routine of college teachers and students.
Series: How it’s made…

Series of programs about how various machines and devices are made, technologies behind the production processes, construction of huge buildings, bridges, communications and roads. How toothpaste or PC is made? How do planes fly and how do ships sail?

How thermos is made? How bread is made or sugar is refined? Answers to all of these questions are provided in an interesting manner on “How It’s Made” series of programs.

Additional plots shot at the enterprises of our country and the people working for them.

Programs targeted at enriching the knowledge in a popular manner, arouse interest to creativity, experimenting and contemplating.
Trip to Anchor, Cambodia

Pupil who won the competition on history of ancient civilisation will have the opportunity to visit Cambodia together with one of his parents and video operator.

He will star a video report on visit to Cambodia. This video report will be shown on Alippe.TV.

On the top of good knowledge the winner will get the skills of TV reporter.

The cost of the trip will be covered by Alippe.TV.
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Series:  I want to live in the clean world

Series of programs about the nature and outstanding people, our contemporaries living together with us

Programs will be produced by the local rayon studios and be dedicated to animals and plants, their peculiarities and roles in the local ecosystem. Stories about the animals and plants recorded in the Red Book will develop the sense of importance of surrounding environment and saving it among children.

Interviews with interesting persons, who were born and brought up in those villages, used to run along the streets, attended schools, fell in love as the children of today would shorten the “generation gap” between children and parents.
Series: Parents’ meeting point

Becoming a father is quite easy. However, being a father is difficult. (Wilhelm Busch)

Virtual parents’ meeting with the participation of teachers, doctors, psychologists and parents. On-air live program, problematic issues and acute discussions. Issues concerning the upbringing of children, personal experience, hygiene, human values, traditions and biases.
Alippe.TV Technology: Convergence advantage for education
Alippe.TV Technology

Downlink technology: digital terrestrial television broadcasting

Interactive technology: EV-DO through modem and STB application

Multimedia technology: STB witch application and keyboard

Compression: MPEG4

Terminal equipment: special outdoor antenna, STB witch keyboard and TV set

Subscription fee: 5-10 USD monthly depending on the packet type
Interactive Multimedia DVB-T Network Design

DIMTV Ltd.
(Digital Interactive Multimedia TV)

SDH RRS-26 to Myzrake

 Downslink DVB-T

 Uplink EV-DO

Antenna STB Alippe TV

SDH

Camera

Matrix

Editing Desktop

Camcorder

Scrambler Multiplex MPEG-4 Codec

Studio Myzrake

Studio Bishkek

Mail Server
WWW Server
AD
MM3 Server Server CAS

Data Warehouse

Internet

E1

RRS-26

CDMA-450 BTS

DVB-T Transmitter

Subscriber

8 октября 2009 г.
(Digital TV + Computer technologies) × Creative team = Affordable quality education
We believe in human future
Let us not be weary in well doing: for in due season we shall reap, if we faint not
DIMTV Ltd.
Digital Interactive Multimedia TV

Alippe.TV
Educational Channel for Pupils

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