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## ICT-BASED INNOVATION EDUCATIONAL TECHNOLOGIES

### Main Goal and Activities

The main goal of researched field is to contribute to the adaptation of higher education to digital (NET) generation.

To achieve this objective, the following major tasks are solving:

- ✓ Investigation of the digital generation as an object of study;
- ✓ Development of concepts for the application of ICT in education;
- ✓ Implementation, integration and investigation of virtual learning environments.

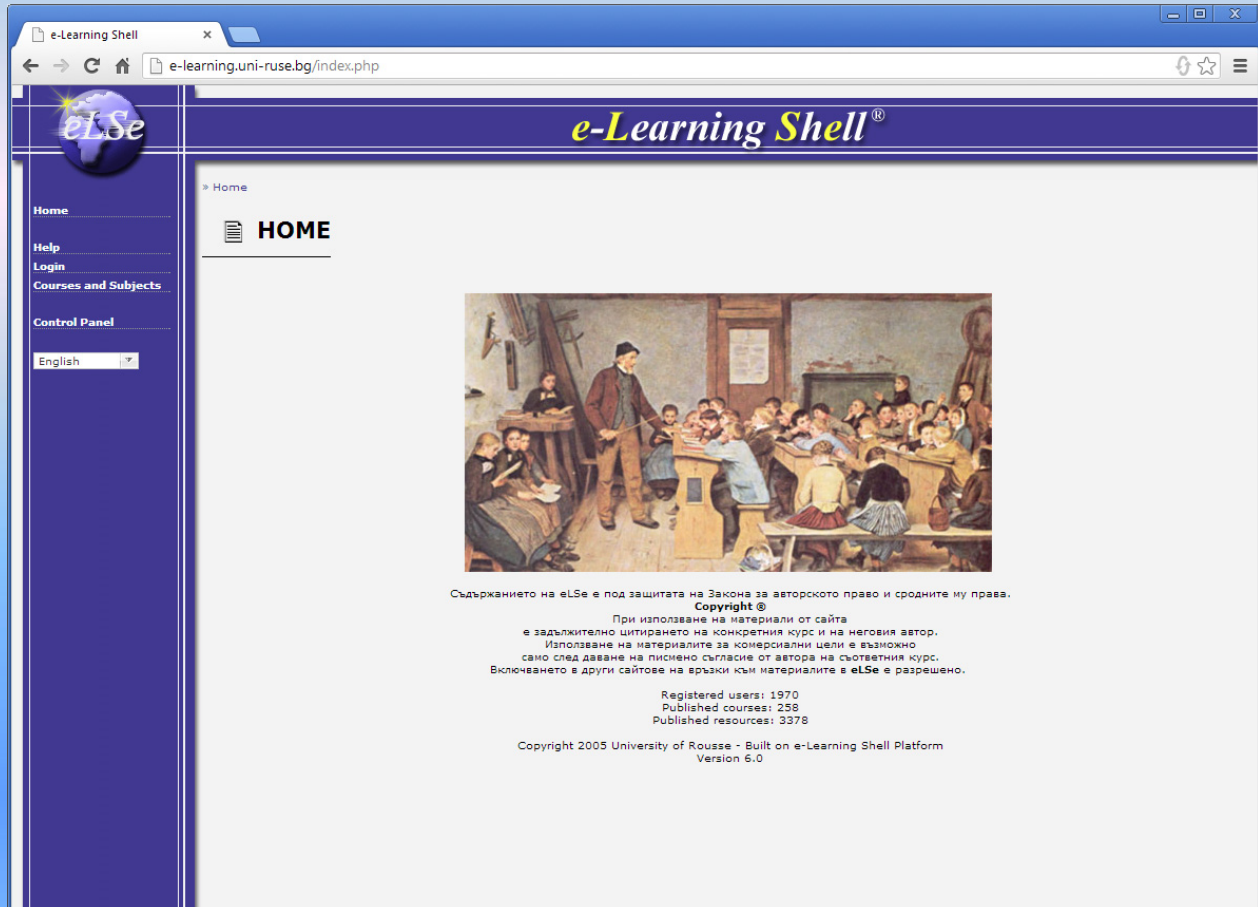
### Main Results

- ✓ Innovative Educational Technologies Centre is developed - <http://ciot.uni-ruse.bg/>;
- ✓ The Centre initiates and coordinates The National Program of Developing a Virtual Learning Environment, that is implemented by projects such as the development of:
  - Platform for e-Learning "e-Learning Shell";
  - Virtual Laboratories;
  - Virtual Info-centre for PhD Students;
  - Pilot Virtual Department of Computing "John Atanasoff";
  - Virtual Faculty of Information and Communication Technologies;
  - Bulgarian Virtual University;
  - National Network of Virtual Libraries.
- ✓ In 2011, the Center, commissioned by the Ministry of Education, Youth and Science, has developed a concept of the ICT implementation at the school education system;
- ✓ The IET Center, in cooperation with the DL Center, has initiated the writing of a proposal for funding the project "Development of electronic forms of distance education at University of Ruse" to the value of 795 000 levs;
- ✓ The Centre annually organizes national seminars and international conferences on e-learning.

## Innovative Educational Technologies Centre

The image shows a browser window displaying the website for the University of Ruse Innovation Educational Technology Center. The browser's address bar shows the URL `ciot.uni-ruse.bg/?ch_lang=true`. The website has a blue header with the text "UNIVERSITY OF RUSE" and "INNOVATION EDUCATIONAL TECHNOLOGY CENTER" in yellow. On the left, there is a blue sidebar with a navigation menu containing the following items: Home, About us, Staff, Courses, Seminars, Conferences, Concepts, Programmes, Projects, and Awards. The main content area features a large photograph of a modern university building with a prominent glass and wood facade and a large circular logo overlaid on it. Below the photograph, there is a line of text in Bulgarian: "МОЖЕ ЗНАЕЩИЯТ, ЗНАЕ ИСКАЩИЯТ, ИСКА ВЯРВАЩИЯТ, ВЯРВА МОЖЕЩИЯТ".

## Platform for e-Learning "e-Learning Shell"



The screenshot shows a web browser window displaying the e-Learning Shell website. The browser's address bar shows the URL `e-learning.uni-ruse.bg/index.php`. The website has a dark blue header with the **e-Learning Shell®** logo. A left sidebar contains navigation links: Home, Help, Login, Courses and Subjects, and Control Panel. Below the sidebar is a language dropdown menu set to "English". The main content area features a "HOME" heading with a document icon, followed by a historical painting of a classroom. Below the painting is a copyright notice in Bulgarian, followed by statistics: Registered users: 1970, Published courses: 258, and Published resources: 3378. The footer contains the text: Copyright 2005 University of Rouse - Built on e-Learning Shell Platform Version 6.0.

e-Learning Shell

e-learning.uni-ruse.bg/index.php

Home

Help

Login


Courses and Subjects

Control Panel

English

» Home

**HOME**

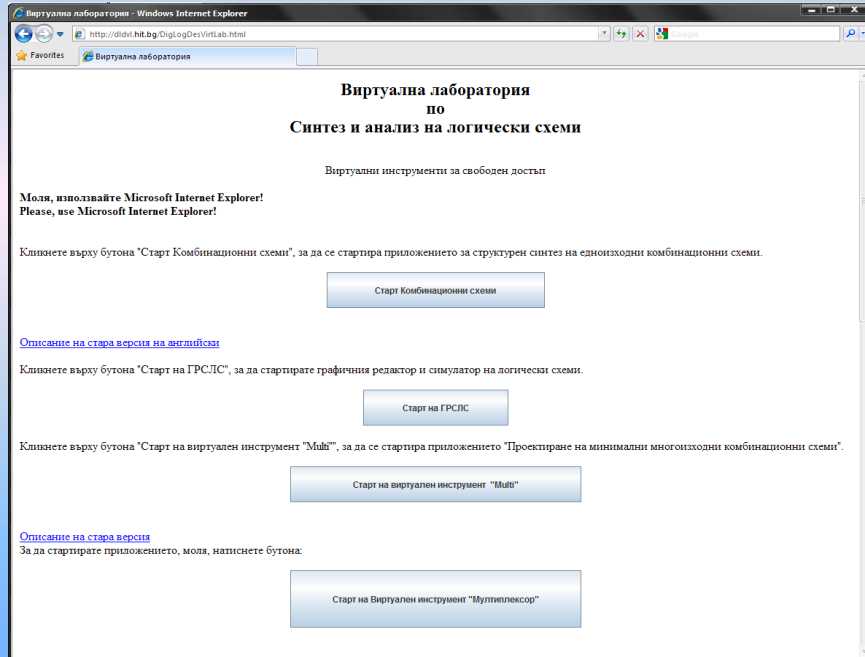


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Използване на материалите за комерсиални цели е възможно  
само след даване на писмено съгласие от автора на съответния курс.  
Включването в други сайтове на връзки към материалите в eLSe е разрешено.

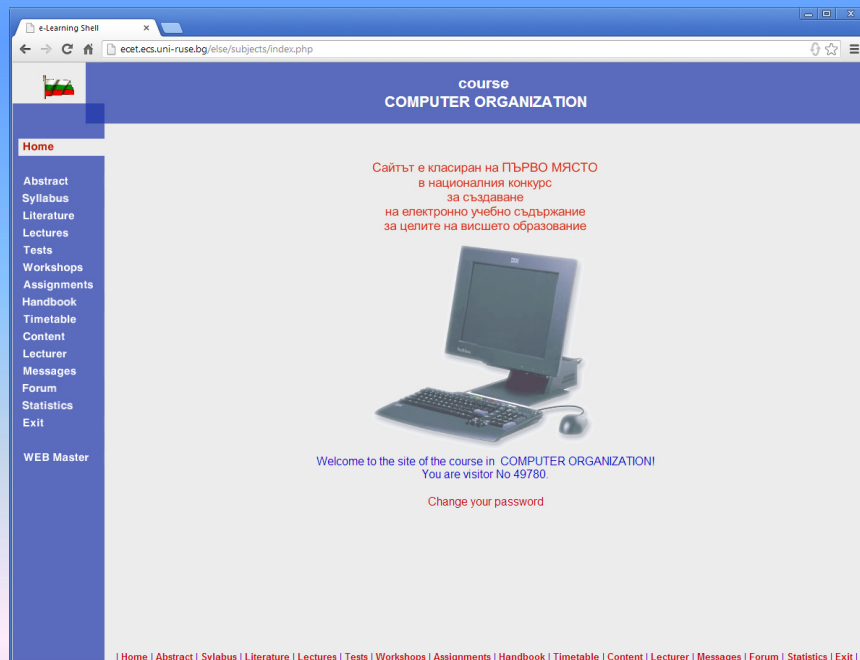
Registered users: 1970  
Published courses: 258  
Published resources: 3378

Copyright 2005 University of Rouse - Built on e-Learning Shell Platform  
Version 6.0

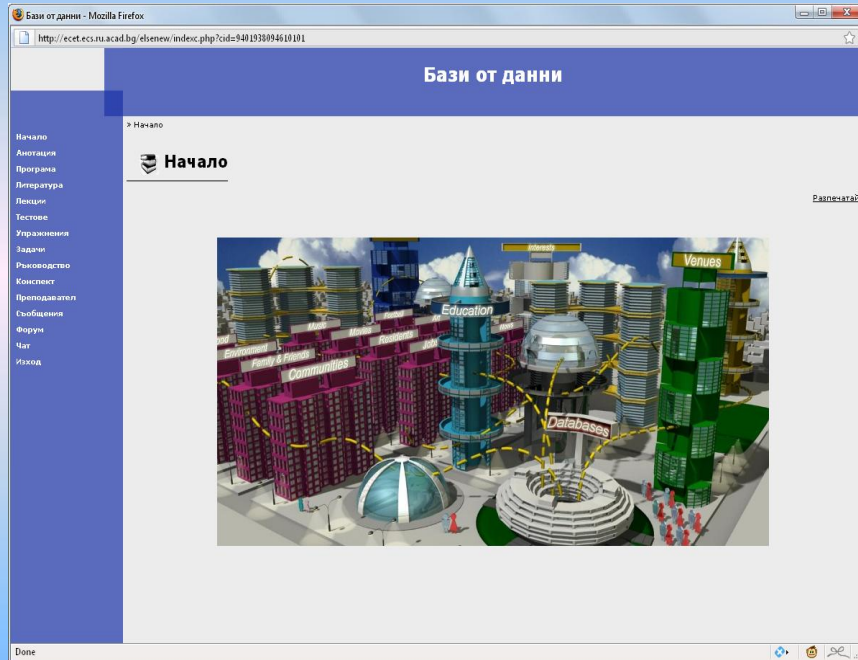
## Virtual Laboratories



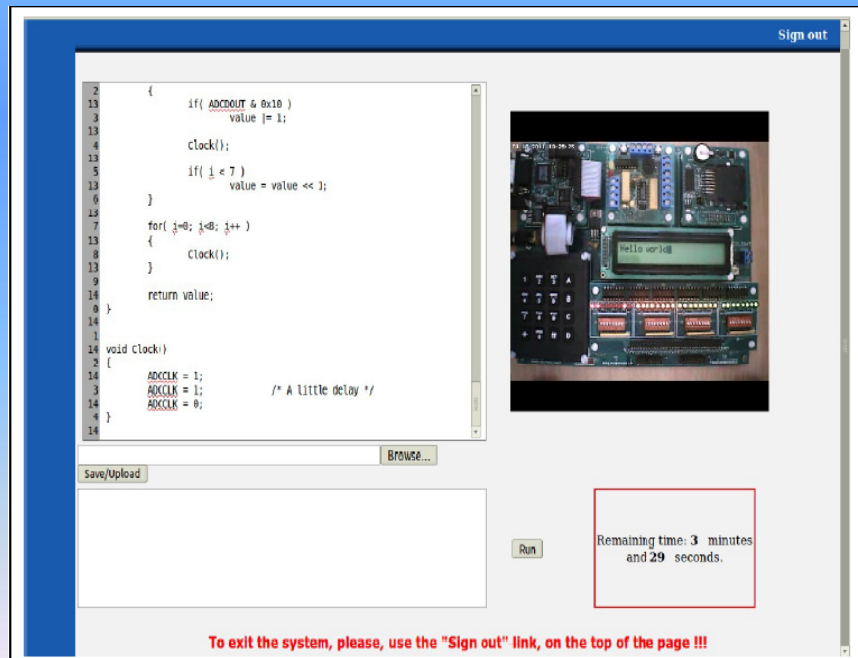
## Virtual Laboratory on "Digital Logic Design"



## Virtual Laboratory on "Computer Organization"



Virtual Laboratory on “Databases”

Virtual Laboratory on “Single-chip Microcontrollers”  
with remote access to a real hardware equipment

# Virtual Info-centre for PhD Students

The screenshot shows a Windows Internet Explorer browser window displaying the website 'VIRTUAL INFO CENTER FOR PHD STUDENTS'. The address bar shows the URL 'http://phd-center.bvu-bg.eu/index.php?lng=eng'. The page has a red header with the site name and a blue sidebar with a navigation menu. The main content area has a background of binary code and features a central image of a blue figure sitting on a computer monitor, with a keyboard in front of it. Below the image, it says 'You are visitor № 1280227'.

**VIRTUAL INFO CENTER FOR PHD STUDENTS**

- HOME
- LAWS  
REGULATIONS  
DECREE
- SPECIALTIES  
CLASIFICATION
- HIGHER ATTESTATION  
COMMISSION
- SPECIAL SCIENTIFIC  
COUNCILS -  
REQUIREMENTS
- DATABASE OF  
PHD HOLDERS  
(IN BULGARIAN)
- COMPARABLE  
CURRICULA
- VIRTUAL  
LIBRARY
- COMPARABLE  
INDIVIDUAL  
CURRICULUM
- EXAMPLE  
ATTESTATION LIST
- PROJECTS  
FOR PHD STUDENTS
- FUNDING
- CONFERENCES  
SESSIONS  
SEMINARS
- USEFUL INFORMATION  
AND ADVICES
- DOCUMENTS FOR  
GRADUATION  
DEFENCE
- ANNOUNCEMENTS
- FOR THE  
SERIOUS THINGS -  
WITH A JOKE
- FORUM
- SEARCH
- OTHER SITES  
FOR PHD STUDENTS

You are visitor № 1280227

# Pilot Virtual Department of Computing "John Atanasoff"

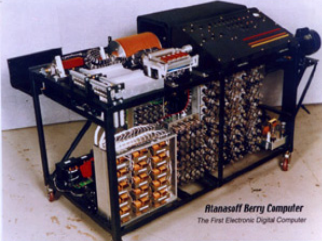
Virtual Department of Computing

ecet.ecs.ru.acad.bg/vkk-jatanasoff/?lng=eng

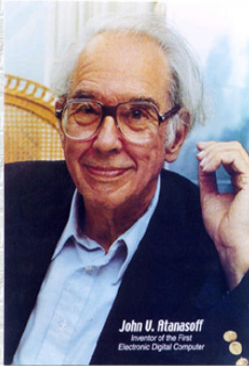
## VIRTUAL DEPARTMENT OF COMPUTING "JOHN ATANASOFF"

- HOME
- DECLARATION FOR CREATING VDC
- OBJECTIVES
- STRUCTURE
- MANAGEMENT
- COMPARABLE PROFESSIONAL STANDARDS
- COMPARABLE CURRICULA
- COMPARABLE SYLLABI
- TECHNOLOGY BASE
- VIRTUAL CENTRE FOR PREPARING WEB BASED COURSES
- VIRTUAL LIBRARY
- CONFERENCES
- PROJECTS
- MESSAGES
- FORUM
- SEARCH

100 YEARS SINCE THE BIRTH OF JOHN ATANASOFF 04.10.1903



Atanasoff Berry Computer  
The First Electronic Digital Computer



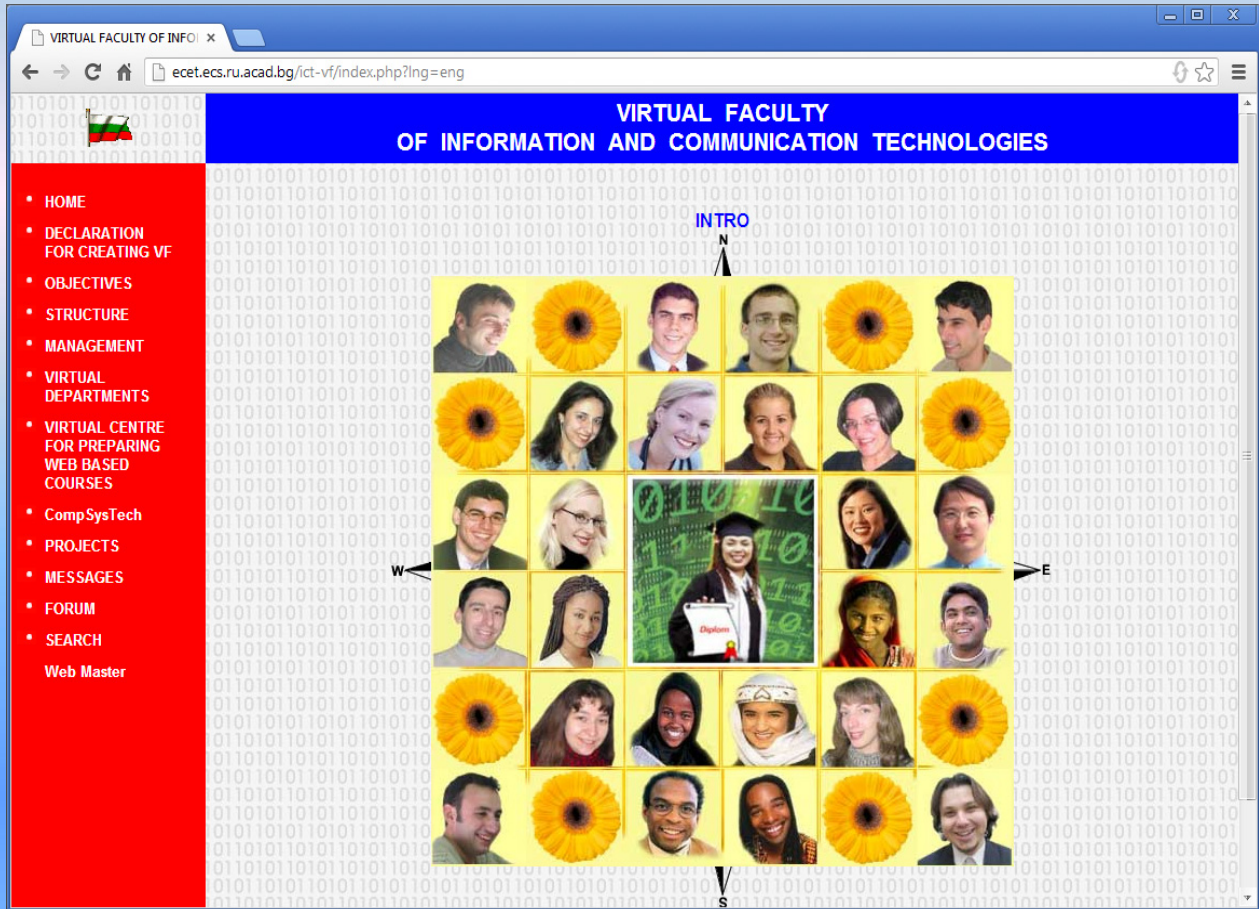
John V. Atanasoff  
Inventor of the First Electronic Digital Computer

You are visitor No 116063

Web Master



# Virtual Faculty of Information and Communication Technologies



## Bulgarian Virtual University




## National Network of Virtual Libraries

НАЦИОНАЛНА МРЕЖА ОТ x  
www.bvu-bg.eu/nmvb/index.php


**НАЦИОНАЛНА МРЕЖА ОТ ВИРТУАЛНИ БИБЛИОТЕКИ**

English  
Начало  
За проекта  
Виртуални библиотеки  
Виртуални списания  
WEB Master

СЪС СЪДЕЙСТВИЕТО НА :

 ДЪРЖАВНАТА АГЕНЦИЯ  
ЗА ИНФОРМАЦИОННИ ТЕХНОЛОГИИ  
И СЪБЩЕНИЯ

И

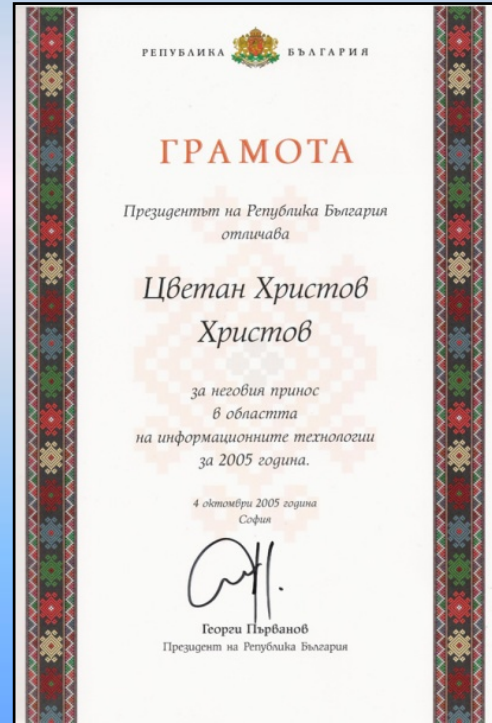
МИНИСТЕРСТВОТО  
НА ОБРАЗОВАНИЕТО  
И НАУКАТА 

Добре дошли  
в НАЦИОНАЛНОТО ЦИФРОВО ХРАНИЛИЩЕ НА ЗНАНИЯ !

Вие сте посетител № 179095

## Awards

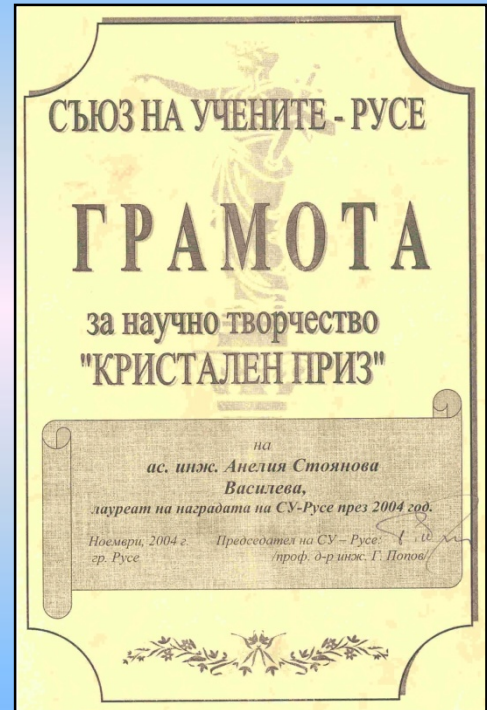
TZVETAN HRISTOV



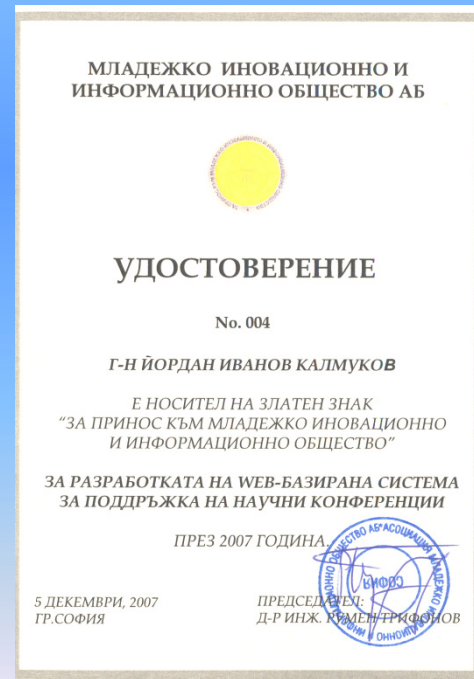
GALINA IVANOVA



ANELIA IVANOVA



JORDAN KALMUKOV



ELITSA ARSOVA



THE TEAM



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