

INNOVATIVE TOOL OF EDUCATIONAL ORGANIZATION MANAGEMENT



Information system **Idis.Education** is served for effectiveness increase of educational institution management by means of interconnection and optimization of data flows of all its departments.

System **Idis.Education** is functioned successfully about three years, passed checkout, testing and received the best responses.



The project is developed by staff of small-scale innovative enterprise Limited Liability Company "Idis-Soft", created at Institute of Economics, Management and Law (city of Kazan).

Information system **Idis.Education** is developed on platform "Java+Oracle Express". Similar development is in progress on platform "1C:Enterprise 8.2" with the assistance of Fund for the Promotion of the Development of Small Businesses in the Sphere of Science and Technology.

Web-directivity

Staff can work both at home and abroad without additional software installation and without physical binding to specific work place. It is enough to have any computer with access to the Internet.

Information is inputted in place of its appearance

For example, student's passport data is inputted not in dean's office but in admission board where he shows them.

Information consumption is strictly regulated

Each employee has its own work place in system, defined by login and access, and completes the same tasks as at hand documents circulation. High effectiveness of system implementation and operation is achieved by this.

Nothing is lost

Connection is performed by protection channels with data encryption. System availability and all data can be recovered for 15 minutes when equipment error.

What does the administration receive?

- Quality control assurance of teaching process.
- Regulation of departments' activity.
- Instant access to data of necessary granularity from any place where the Internet is (even via GPRS!).
- Planning, accounting and cost calculation in terms of departments, chair, specialities, education forms by integration of **Idis.Education** in accounting system.
- Possibility of changes tracking (entrance structure, contingent, demand for graduating students, staff, costs, etc.) and timely response on them.

Principal system users

- University entrants (registration, questionnaire filling, contest results).
- Admission board (data receiving, contest holding, contracts conclusion, and statistics).
- Students (on-line schedule, progress, teacher search, correspondence with him, contact with employers, student's personal account, etc.).
- Dean's office (personal record conduct, personal data, enrollment formation, progress, etc.).
- Education and Methodics Department (teaching process planning, courseware, work programs).
- Office of the head of studies (teaching process organization and control, scheduling automation, academic load formation, etc.).
- Chair (academic load planning and distribution, teacher's individual plan, etc.).
- Teachers (on-line schedule, planned and actual load, mark sheet, teaching material distribution, teacher's personal account).
- Personnel department (employee's registration automation, personnel analysis, staffing table).
- Employers (selection of students and graduating students, potential employees monitoring).
- Administration (operational vision of complex pattern in general on educational institution both with specification on each information element and consolidated on a real-time basis).

Advantages

- System provides institution (administration) by new management methods.
- Gives possibilities to react efficiently to key performance indicators change.
- Gives staff complementary motivational factor of involvement in general process, interawareness of their mission, organizational objective, participation in common cause.
- Reduces to nothing doubling functions of institution subdivisions.
- Principle of association, due process and synchronization of staff activity is provided.
- Institution can design nearly the whole educational process at the stage of planning and load distribution and in case of need to change decisions quickly.
- System agreement of all indicators.
- Obligatory comparison of targets with their actual data.

Контроль объема распределения учебной нагрузки как образовательных учреждений в целом, так и с детализацией до отдельных структурных подразделений или до нагрузки отдельного преподавателя

Контроль за исполнением нагрузки – исключительно по действующему гибкому расписанию

РАСПИСАНИЕ – рабочий инструмент

Дата	Время	БС1	БС2
20.10.2009	13:50-14:20	ИНОСТРАННЫЙ ЯЗЫК / Практические занятия - Муштацкая А.И. / ауд.36 (Московская, 42) / лит. Б	УПРАВЛЕНИЕ ПЕРСОНАЛОМ / Практические занятия - Гуменюкская Е.П. / ауд.34 (Московская, 42)
	14:40-15:30	ИНОСТРАННЫЙ ЯЗЫК / Практические занятия - Трофимова Т.А. / ауд.37 (Московская, 42) / лит. Б	ИНОСТРАННЫЙ ЯЗЫК / Практические занятия - Муштацкая А.И. / ауд.36 (Московская, 42) / лит. А
	16:30-17:30	УПРАВЛЕНИЕ ПЕРСОНАЛОМ / Практические занятия - Гуменюкская Е.П. / ауд.34 (Московская, 42)	ИНОСТРАННЫЙ ЯЗЫК / Практические занятия - Трофимова Т.А. / ауд.37 (Московская, 42) / лит. Б
	18:00-19:00	УПРАВЛЕНИЕ ПЕРСОНАЛОМ / Лекция - Гуменюкская Е.П. / ауд.34 (Московская, 42)	ИНОСТРАННЫЙ ЯЗЫК / Практические занятия - Трофимова Т.А. / ауд.37 (Московская, 42) / лит. Б
21.10.2009	14:00-14:30	ПОЛИТОЛОГИЯ / Лекция - Сиваева О.А. / ауд.31 (Слав. Сибиряков)	
	14:40-15:30	ОСНОВЫ МАРКЕТИНГА / Лекция - Гришина Н.В. / ауд.31 (Слав. Сибиряков)	
18:30-19:30		ОСНОВЫ МАРКЕТИНГА / Практические занятия - Гришина Н.В. / ауд.31 (Слав. Сибиряков)	

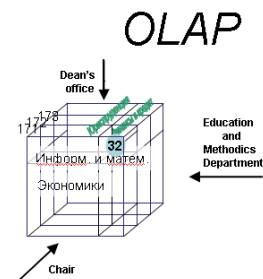


Peculiarities

- **Applied programming technology allows to consolidate educational institutions in one information platform, what make it possible to organize collection of statistical data in any directions of educational institutions activity and to perform that as quick as possible.**
- Unlimited number of workstations.
- It is not necessary to install program on each separate computer, it is installed on a server selected by client, and this can be a server of the Department of Education, school, institute of higher education, rented or server assembled in our communications center.
- Access to work with program is executed from any computer, connected to the Internet network, regardless of operating system used by client (Windows, Unix, Linux, FreeBSD, MacOS, Solaris). This allows to educational institution to use free of charge distributed operating systems.
- Resources base built in program system represents interactive schedules, which are formed automatically. This makes it easy to manage auditorium fund and teaching staff.
- IdisSoft is easy integrated with programs, which are already used by educational institution: electronic document management and accounting systems, and other software.

Facilities

- Activity planning on basis of key indicators.
- Development strategy definition.
- Events initiation and specific targets definition for realization of selected strategy.
- Automatization of operations execution on each work place.
- Accumulation and aggregation of incoming information.
- Analysis of management information and decision making tracking.
- Performance of work package on organization of educational institutions management system.
- **Creation of single reporting system.**
- Organization of centralized use of information resources and competitive advantages of each subordinated educational institution (electronic catalogues and digital libraries, human resources, etc.).
- Creation of geographic information system of monitoring of labour-market needs and facilities of its satisfaction to educational institutions, entered in user community



For personnel management

Development of employees human resources:

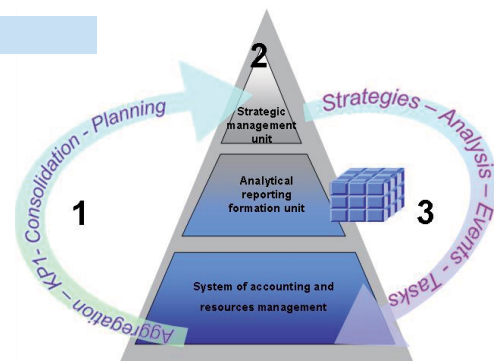
- Management of staff knowledge and qualification.
- Gives to institution awareness and perception of new approach to used human resources, considering them as active.

Development of students human resources:

- Information base formation on personnel reserve for labour-market on different specialities.
- Consolidation of data both at scale of one structure, and on regional and in perspective on macro level.

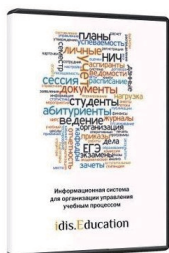
Auxiliary facilities

- Satisfaction of present and future needs in human resources.
- Information on students and graduating students is formed in educational institutions (additional expenditure of information gathering is not required).
- Possibility to realize functional of recruiting agency of graduating students of educational institution.
- Staffing needs of enterprises and organizations are revealed on the basis of analysis of queries to data base of recruiting agency (additional expenditure of information gathering is not required).
- Access to data base of recruiting agency is performed via the Internet that allows to any candidate to register in it.
- Access to additional information: region human resources (current and perspective), graduating students' migration, new specialities appearing in educational institutions.



Results of system implementation

- Well-functioning documents circulation.
- Transparency of management processes of entrusted educational institutions.
- Debugging and unification of management processes in educational institutions.
- **Stable and dynamic management of institute of higher education and effective use of procured resources.**
- Receipt of any reports (on staff, students, graduating students and others) at any time, at any place where the Internet is.
- Control for expenses of budgetary and extra-budgetary funds of educational institutions.
- Centralization of information resources of educational institutions.
- Automated recruiting agency.
- Labour-market monitoring.



{ idisSoft }

Schedule is an operating tool

Have you ever thought that schedule is necessary not only for hanging on the wall? And that it is possible to calculate actual load with its help?

Informational system idis.Education is served for effectiveness increase of educational institution management by means of interconnection and optimization of data flows of all its departments.

Now to manage Federal University is as easy as music school.

for example, is worked a treat in Institute of Economics, Management and Law (city of Kazan).

- 7 branch campuses with 1500-6500 students in each one
- internal IP- telephony
- Institute of Distance Learning
- more than 56000 users
- universal library system
- universal convergent net
- more than 800 users among them are working at the same time
- web services on Institute website
- 19 campuses



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