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V21 (4) A₁ - Nicolae Drăgulănescu, Remus Chină ASIGURAREA CALITĂȚII EDUCAȚIEI ÎN ROMÂNIA - PROPUNERI PRIVIND CREȘTEREA SUBSTANȚIALĂ A CREDIBILITĂȚII, EFICACITĂȚII ȘI EFICIENȚEI DEMERSULUI

(Quality Assurance of Education in Romania – Proposals aiming to increase its credibility, effectiveness and efficiency

Abstract: *Quality Assurance (QA) is a basic concept potentially useful in all fields of human society's activities – including education. But its approach is usually difficult for different reasons, more or less subjective. In addition, existing motivations and barriers of QA in an organization are very few known and rarely clear for every stakeholder. In these circumstances, world's standards, guidelines and good practices of QA may be very useful and relevant, if they are shared by involved people. In addition, the pursuit of quality is a noble goal that should not be impeded by people's reliance on different myths. Every organization – including schools, colleges and universities - has the potential for developing and maintaining a credible, effective and efficient QA system and its associated QA program. It is thus crucial to eliminate today's myths, errors, confusions and gaps within the Romanian formal approach of QA in education, and to concentrate on existing realities in order to achieve these goals.*

Key words: *Quality Management, Quality Assurance, education, regulations, institutions, Romanian approach*

V21(1) A₂ - Ștefan Costea - REPOZIȚIONAREA SOCIALĂ A UNIVERSITĂȚII- ASTĂZI

Abstract: Now, at the beginning of the 21st century a lot of societal challenges determine the fundamental changes in the status missions, objectives, functions and organization of teaching, learning and research university's activities. A reflection on what is at stake seems essential.

Key words: higher education, societal challenges, reflection on fundamental chang

V2I (1) A 3 Georgeta Marghescu MPACTUL NOILOR MEDIA ASUPRA CALITĂȚII EDUCAȚIEI

The Impact's of New Media on the Education Quality

Abstract The educational system must face the challenges in the 21-th century: proliferating information, multidisciplinary technological development, globalization of markets, ecological crisis, rapid change, and emergence of social responsibility. Its graduates, in view to be prepared for the challenges of the new century, besides having a firm grasp of fundamentals science, must possess communication, multidisciplinary teamwork, and lifelong learning skills, awareness of social and ethical considerations associated with the future profession. Obviously, what is necessary is a new quality of the educational act. The new media'implenmentation in the educational process is more and more conceived as a mean for the attainment of a new quality in education.

Key words: new media, education, participation, quality, interactivity.

V21 (1) A 4 Virginia Băleanu, Andreea Cristina Ionică, Sabina Irimia CONSILIEREA ACADEMICĂ – PROMOTOR AL CALITĂȚII ÎN ÎNVĂȚĂMÂNTUL SUPERIOR Academic Advising - Promoter of Quality in Higher Education

ABSTRACT: The current concerns for achieving quality in Higher Education explicitly relate to a student-centered education. In such a modern education system, Student Support Services must play a central role for enhancing the student participation in the university. One essential way to enhance the student participation in the university is to design programs that acknowledge their individual needs. Program planning focused on the institution's mission and students' needs can result in a dynamic academic advising system - promoter of quality in higher education, having the capacity to adapt to internal and external change.

KEY-WORDS: *Academic Advising; Higher Education; Quality; Student Support Services*

V 21 (1) A 5 Floarea Baicului . TENDINȚE ÎN EVALUAREA CADRELOR DIDACTICE UNIVERSITARE DE CĂTRE STUDENȚI ȘI COLEGI

Trends in the Evaluation of Professors by Students and Colleagues

Abstract: The paper presents a model of response to one of the requirements of the Romanian Agency for University Education Quality Assessment, respectively to the requirement concerning the quality assurance of the professors taking part in the university educational process. The proposed method establishes questionnaires of self-evaluation, evaluation by colleagues, students and university management, as well as assessment criteria for the teaching, science, publishing activity, coordination activities or as expert. The students are questioned on the level and accessibility of the communicated knowledge, pedagogical aptitudes, language, and behavior during the academic activities.

The method proposes the calculation of a performance coefficient for each professor within the department where he/she is implementing the activity, as well as ranking criteria according to the calculated values.

Key words: self-evaluation, evaluation by colleagues, evaluation by students, performance coefficient, ranking criteria

**V21 (1) A₆ Sabina Irimie, Marilena Enescu, Virginia Băleanu, Andreea Cristina Ionică
BRICHETAREA DEȘEURILOR DE LEMN - ABORDAREA LEGISLATIVĂ
COMPONENTĂ A DEZVOLTĂRII DURABILE
Briquetting of Wood Wastes - Legislative Approach part of Sustainable Development**

ABSTRACT: Densification of agricultural residues and wood waste into fuel briquettes can provide a relatively high-quality alternative source of fuel, especially where solid wood fuel resources are scarce. To protect the environment, reduce the damaging the Earth, more people start to become interested in Charcoal /Biomass Briquette business. Charcoal Biomass Briquette is Renewable, Eco-friendly Energy especially for agricultural countries. Charcoal/Biomass Briquette investment is a best project to generate revenue from agro-forestry waste and to produce Green Energy to save the global environment. The awareness of using Eco-friendly & Non-conventional Bio-coal/Bio-fuel is increasing day-to-day due to the increasing of the conventional fuel cost.

Waste stream are an ever generating stream related to the industrial and agricultural productions and human activities during consumption of goods, products and services. In order to make our world comprehensive life cycle management of the waste stream needed, to meet ultimate goals of the sustainable society and global environmental care. Therefore, new treatment technologies need to be applied, which opens new technical and economical opportunities for long term.

KEY-WORDS: *wood waste; biomass briquettes and pellets; waste management; sustainable development*

**V21 (1) A₇ Constantin Lupu, Olga Miclea, Marius Șuvar, Șabina Irimia INCD
INSEMEX PETROȘANI – PROMOTOR AL CALITĂȚII PRIVIND
CERTIFICAREA PRODUSELOR ȘI PERSONALULUI DIN DOMENIUL
SECURITĂȚII MINIERE ȘI PROTECȚIEI ANTIEXPLOZIVE
INCD INSEMEX PETROȘANI – promoter of certification quality of products and
personnel from the field of mine safety and protection to explosions**

ABSTRACT: As INCD INSEMEX Petroșani carries out its activity in a very important domain, the top management has take all the necessary measure to produce and implement a quality system for the activities related to the certification of products, of personnel, etc.

All through the years the experts of INCD INSEMEX Petroșani have taken part in the development of regulations and sets of demands for assurance of occupational health

and safety during the activities carried out in atmospheres with hazards of explosive and / or toxic risks.

INCD INSEMEX Petroșani has transposed the European standards in the Romanian legislation, these standards relate to the equipment used in potentially explosive atmospheres, explosive materials, personal protection equipment, machinery, environment, professional training, mining industry.

KEY-WORDS: certification of products; certification of personnel; mining industry; occupational health and safety;

V21(1) A₈ Gabriela Tonț, Dan George Tonț - DRIVING TIME REQUIREMENTS IN REAL-TIME SYSTEMS BY MEANS OF TEMPORAL PETRI NETS

Abstract : Petri Nets are graphical techniques that can be utilized to model and analyze safety critical systems relative to the properties as: tangibility, recoverability, fault tolerance. Petri nets identify relations between the systems components as the hardware, software, human actions, or cumulative effects of hardware and software. The Petri nets offer a graphical notation for complex processes that include choice, iteration, and concurrent execution net. By means of Petri net formalism can be represent complex logical interactions between the physical components of the modeled system. Petri nets consider the system state and transitions between them, which occur only if certain conditions are fulfilled [6, 7, 11]. The advantage of this description of discrete event systems is simplicity and the possibility of a system analysis to emphasizes the logical correctness of development, repeatability, extensibility. Modeling with Petri Nets tools differs from most methods of analysis in that it demonstrates, from the start, the dynamic progression transitions states. Petri nets can also be translated in mathematical-logical expressions which can be analyzed with automated tools..

Key-Words: - Petri nets, Fuzzy sets, mobile robots, discrete event dynamic systems, reasoning,

V21 (1) A₉ VidoslavMajstroovitch - QUALITY MANAGEMENT PRACTICES IN SERBIA – A RESEARCH

Abstract: Today we have two schools of thought on quality management (QM). One views quality management as the management of success and the other the elimination of failure. They are both valid. Each approaches the subject from a different angle. In an ideal world if we could design products, services and processes that could not fail we would have achieved the ultimate goal. Failure means not only that products, services and processes would fail to fulfill their function but that their function was not what our customers desired. QM theory and praxis is strongly developed in the world in the last two decades. The ISO 9000 series standards give the biggest contribution for such diffusion. If we talk about QM models today, we assume that they integrate QMS, Total Quality Management (TQM), Business Excellence (BE) and Excellence (E). Regarding these facts, this paper gives the researches results of the Impact QM principles on QM practices in Serbia.

Key words: QM principles, QM, Practices, Improvement.