

**THE ACTIVITY OF SCIENTIFIC RESEARCH OF THE TEACHING STAFF**  
PERIOD 2008-2009

In the year 2008 AVU (“Aurel Vlaicu” University) has applied with 9 research projects for international competitions, and with 7 research projects for national competitions. Of the international projects 8 were declared winners, and 5 of the national projects also won.

The value of the contracts financed nationally was 2027202 RON, that of the international ones was 52,350 RON.

In 2008, the number of prestigious articles published by our teaching staff amounts to: 30 articles in ISI Web of Science publications, 13 articles in publications indexed in the international data base, 84 articles in the proceedings of international conferences indexed ISI, 45 articles in publications acknowledged by CNCSIS – category B+, 52 articles in publications acknowledged by CNCSIS – category B, 104 books totaling 26,135 pages issued by national publishing houses acknowledged CNCSIS, 5 books (558 pages) issued by prestigious international houses, and 1 patent / product with intellectual property right.

**Project won in international competitions, as coordinator**

Registration no. of project	Name of Project	Project Director		Year of forward
IDEI CNCSIS cod 1896/2008	Development of some new, Polygonal and Galvanometerbased, 1d and 2d Scanners	Duma	Virgil Florin	2008
FP7 REGIONS 20072, 205887	„Support actions for the emergence of a research driven automotive cluster in west Romania” / Westeer	Nagy	Mariana	2008
COD CNCSIS 2093	Cholera epidemics in Transylvania in the 19th century. Demographic and mental impact	Pădurean	Corneliu	2008
PNCD II	Synthesis of zeolitic materials functionalized with nanocrystals of doped titan dioxide and their testing in pilot stations of water potabilization – Zeonospp	Zamfir	Alina	2008
PNCD II PCEIdeiD 2631	Analytic and proteomic research in the plasma and cefalorahidian liquid of senior patients with post-operative cognitive dysfunction	Zamfir	Alina	2008

**Projects won in international competitions, as partner and coordinator**

Registration no. of project	Name of Project	Project director		Year of forward
1/05.02.2008 /AR	Romanian-Russian bilateral project: project gar r1 2007, immobilized enzymes on/in micro-porous matrix of cryogel type	Fogorasi	Magda	2008
SANCO/2006 /B1/008, 17.020200 / 08 / 499606	Dolceta on-line consumer education, module 6	Herlo	Dorin	2008

SANCO/2006 /B1/008, 17.020200 / 07 / 488979	Dolceta on-line consumer education, module 6	Herlo	Dorin	2008
SANCO/2006 /B1/008, 17.020200 / 07 / 485065	Dolceta on-line consumer education, module 5	Herlo	Dorin	2008
1378LLP 2007BE KA1EQF	EQFPRO (European Qualification Framework, Level 5,6 http Universities)	Herlo	Dorin	2008
CPIP 2288272 NANOFOL	Folatebased Nanobiodevices for Integrated Diagnosis/Therapy Targeting Chronic Inflammatory Diseases	Munteanu	Florentina-Daniela	2008
AVUARAD-UHP Nancy	Twin frequency calculations in staurolite by determination of growth form of crystals	Nicolov	Mirela	2008
E! 3503 MADETEXTIL 171E/12 09 2	Management of textile wastes, innovation program, project Eureka	Popa	Alexandru	2008

### Contracts obtained/deployed through national competitions

No. of contract	Name	Holder of contract		Year obtained/ deployed	Contract value (for year 2008)
PN II WE Cod CNC SIS 47, cu ANCS 316/09 04 200	Exploratory workshop, from natural language to soft computing; new paradigms of artificial intelligence, director the Institute of research for artificial intelligence of the Romanian Academy – Acad. Dan Ioan Tufi	Balas	Marius	2008	30000
PNCDI II Grant Partnership no 31	UE standard low-floor trolleybuses activated by tri-phase invertors and current alternating motors	Bele	Ioan	2008	402600
PNCDI II Grant Partnership PCD07	Research regarding methods of diagnosis of passenger carriages aimed at increasing the safety of railroad transportation (diagnosis), director: Eng. Adrian Tănase PhD, INCDMF Bucharest	Bocii	Liviu Sevastian	2008	5000
116/2007, Program CEEX (INOVARE)	Advanced system of electrical traction with frequency invertors and alternate current engines for trolleybuses, director: dr. Ing. Adrian Tănase, INCDMF Bucharest	Bocii	Liviu Sevastian	2008	43500
CEEX Modul I 214/27.01.200 6	Polyoxometalate compounds (POM) with oxidasing catalytic activity for top level applications, POMALB	Bucur	Mircea	2008	99000

Parteneriate 71142/2007	Integrated optical system for managing defects in textile industry TEXDEF	Bucur	Mircea	2008	30000
CEEX 111/2006	Determininf the expression of complex glycosphingolipids in the central nervous system by devices of poly-functional integrated microchips coupled with high performance mass spectrometers	Dincă	Nicolae	2008	170000
PNI/Partenships	Identification and characterization of brain cancer biomarkers expressed in the serum and the cerebrospinal fluid by advanced glycomic methods based on mass spectrometry	Dincă	Nicolae	2008	294500
CEEX 98/2006	Integration of a Romanian centre of high performance biomedical mass spectrometry in the international and European research field	Dincă	Nicolae	2008	20000
CEEX Grant No. 126/01.08.06	EUROP_RO technology platform	Duma	Virgil Florin	2008	1000
20052008, (ECOTOALE TA)/A MTRANS	Research for implementing a tight ecological vacuumatic system of lavatories in passenger railroad carriages	Huțiu	Gheorghe	2008	10000
CEEX 77	Computerized systems of filtration and separation for textile processes activated by ultrasounds and controlled by biosensors	Munteanu	Florentina- Daniela	2008	94962
505/13.05.08 CCJA	Techniques of classroom animation for young teachers of English and for students of philology	Ponta	Monica	2008	2000
Project CEEX 145/20.07.200 6	Smart textile convergent platform for identification and processing of personalized mobile information, director prof. Eng. Eftalea Cârpuș PhD, INCDTP Bucharest	Popa	Alexandru	2008	53285
CEEX no. 716/24.07.200 6	Competitive technologies of processing textile and leather wastes in high added value products, director Prof. eng. Eftalea Cârpuș PhD, INCDTP Bucharest	Popa	Alexandru	2008	47500
PHARE – RO2005/01755 3.04.01.02. 04 02 03	Phare 2005 program for economic and social cohesion. Development of continuous training for the pre-university teaching staff.	Roman	Alina	2008	259600
CEEX 181/2006	Regional network of excellence in the field of micro-nanobiotechnologies and textile materials for medical applications	Sîrghie	Cecilia	2008	17200
CEEX 55/2006	New technologies applied to materials made of liberien fibers using chemical and enzymatic processes in ultrasounds for obtaining high-performance materials	Sîrghie	Cecilia	2008	222875
ID 1239	Management of investment projects aimed at a dynamic economic-ecological balance	Szentesi	Silviu	2008	224180

**TOTAL VALUE of contracts obtained/deployed through national competitions, year 2008 (RON) 2,027,202**

**TOTAL NUMBER of contracts obtained/deployed through national competitions, year**

2008: 19

### Contracts obtained/deployed through international competitions

No. of contract	Name of contract	Holder of contract	Value of contract (for year 2008 – the exchange rate is that valid on the day the contract was closed)
EAP.RIG.982 234	Biosensors for monitoring environmental pollutants	Munteanu Florentina-Daniela	26400
AVUARAD- IKZ BERLIN	Calculations of equilibrium shape and kinetics in oxide crystals	Nicolov Mirela	10000
AVUARAD- UHP Nancy	Twin frequency calculations in staurolite by determination of growth form of crystals	Nicolov Mirela	12950
EUREKA E! 3503 MADETEXTIL	Management of textile wastes, project director ing. Elena Mitrea, S.C. STOFE BUHUSI S.A.	Popa Alexandru	3000

### Articles in ISI publications:

Title of article	Surname, first name of author(s)	Title of publication indexed on http Web of Science
An application of neurofuzzy modelling to prediction of some incidence in an electrical energy distribution center	Dzitac S., Felea I., Dzitac I., Vesselenyi T.	International Journal of Computers Communications & Control
Antiradical activity evaluation of some plants used in the Romanian cuisine	M. R. Szabo, C. Idioiu, D. Chambre, A. X. Lupea	International Journal of Food Properties
Assessment of collagenbased materials which are supports of cultural and historical objects	Popescu C., Budrugaec P., Wortmann F., Miu I., Demco D., Bălas M.	Polymer Degradation and Stability
Bioelectrochemical investigations of arylalcohol oxidase from pleurotus eryngii	Florentina Daniela Munteanu, Patricia Ferreira, Francisco J. Ruizdueñas, Angel T. Martínez, Artur Cavacopaulo	Journal of Electroanalytical Chemistry
Celebrates Bardeen's centenary and welcomes professor Zadeh	Dzitac I.	International Journal of Computers Communications & Control
Charged and neutral currents in a 331 model with righthanded neutrinos	Adrian Palcu	Modern Physics Letters A
Charges and mass spectrum in the pisanopleitezframpton 331 gauge model	Ion I. Cotăescu, Adrian Palcu	Modern Physics Letters A
Constant time to collision platoons	V. E. Balas, M. M. Balas	Intl. J. of Computers, Communications & Control

Coupling of fully automated chipbased electrospray ionization to high capacity ion trap mass spectrometer for ganglioside analysis	R. Almeida, C. Mosoarca, M. Chirita, V. Udrescu, N. Dincă, Z. Vukelić, M. Allen, A. D. Zamfir	Anal. Biochem. 378, 43–52
CRM kernelbased integrated information system for a SME: an objectoriented design	Lupse V..., Dzitac I., Dzitac S., Manolescu A. Manolescu M. J.	Nternational Journal Of Computers Communications & Control
Design and experiments for a class of fuzzy controlled servo systems	Radu Emil Precup, Ștefan Preitl, Imre J. Rudas, Marius L. Tomescu, József K. Tar	IEEEASME Transactions on Mechatronics
Effects of reduction on the denaturation kinetics of human hair	Wortmann F.J., Popescu C., Sendelbach G.	Biopolymers
Enhanced electrospray ionization fourier transform ion cyclotron resonance mass spectrometry of long Chain Polysaccharides	I. Perdivara, E. Sisu, I. Sisu, N. Dinca, K.B. Tomer, M. Przybylski, A.D. Zamfir	Rapid Commun. Mass Spectrom. 22, 110
Fusion devices and changes of belief	V.E. Balas, E. Roventa, T. Spircu	J. of Intelligent and Fuzzy Systems
Fuzzy control system performance enhancement by iterative learning control	Radu Emil Precup, Ștefan Preitl, József K. Tar, Marius L. Tomescu, Márta Takács, Péter Korondi, Péter Baranyi	IEEE transactions on industrial Electronics
Glycosylation analysis of glycoproteins and proteoglycans using ce–ms strategies	S. Amon, A.D. Zamfir, A. Rizzi	Electrophoresis 29, 24852507
Heterogeneous soft acid catalysis of the sucrose hydrolysis	Chambre D. Szabo M.R., Popescu C., Idoiou C.	Journal of Thermal Analysis and Calorimetry
On uniform exponential trichotomy of evolution operators in banach spaces	Megan M., Stoica C.	Integral Equations and Operator Theory
Protein carbohydrate analysis: gelbased staining, liquid chromatography, mass spectrometry, and microarray screening	I. Shin, A.D. Zamfir, B.YE	Methods Mol. Biol. 441, 1939
Structural modeling of the wind's influence over the heat flow of the greenhouses	M. M. Balas, J. Duplaix, M. Bouchoicha, S. V. Balas	Journal of Intelligent and Fuzzy Systems
Studies concerning the elimination of CD and as from retrievable SNSB based antifriction alloys	G.Huiu, D. Chambre	Revista de Chimie
Studiul eliminării CD și AS din aliajele antifricțiune recuperabile pe bază de SNSB	G. Hutiu, D. Chambre	Revista de Chimie
Surface roughness image analysis using quasifractal characteristics and fuzzy clustering methods	Vesselenyi T., Dzitac I., Dzitac S., Vaida V.	International Journal of Computers Communications & Control
Synthesis and Characterization of Some New 2hydroxy N (2TRIFLUOROMETHYLPHENYL)BENZAMIDE DERIVATIVES	I. Ienascu, A.X. Lupea, I. Popescu, C. Mosoarca, A.D. Zamfir	Rev. Roum. Chem. 53(4),
Synthesis and Characterization of Some New 2hydroxy N(3trifluoromethylphenyl)Benzamide Derivatives	I. Ienascu, A.X. Lupea, I. Popescu, I. Tomas, A.D. Zamfir	Revista de Chimie 59, 5659
Synthesis and structural characterization of amino functionalized polysaccharides	I. Sisu, V. Udrescu, C. Flangea, S. Tudor, N. Dinca, L. Rusnac, A.D. Zamfir, E.Sisu	Cent. Eur. J. Chem. 7, 6673
The glucose oxidase use in breadmaking biotechnology	Diaconescu Daniela	Revista de Chimie

Theoretical approach on optical choppers for top hat light beam distributions	V. F. Duma	Journal of Optics A: Pure and Applied Optics
Thermal behaviour of some dibenzobicyclo[2.2.2]octane derivatives	Stanescu M.D., Popescu C, Rus A., Guran C.	Journal of Thermal Analysis and Calorimetry
World knowledge for control application by fuzzyinterpolative systems	M. M. Balas, V. E. Balas	Intl. J. of Computers, Communications & Control

**TOTAL NUMBER of articles in http Web of Science publications : 34**

**Articles in internationally acknowledged publications, in the main stream of publications indexed BDI**

Title of article	Surname, Firstname of author(s)	Publication indexed BDI
Automatic library assistant	Balas V. E., Stoica A. V., Rugea A. L.	Proc. 8th wseas intl place d distance learning And WEB Engineering (diweb ,08), ISSN: 17905109, Cantabria, Spain, sept. 2325, 2008, pp. 185190
Chemical structure identification by differential mass Spectra	Dinca Nicolae	Applications of mass spectrometry in life safety
Comparative study of primary and secondary tumors from patients with laryngeal and oropharyngeal cancer, using place dat d electron microscopy	Ghetea L.G., Niculescu A. M., Motoc R., Mihaescu G., Duma V.F., Manu D., Gavrilă L.	Proc. Spie, vol. 6991 (spie, bellingham, wa), Strassburg (France), may 2, 2008, ISSN 16057422, 699127
Electrospray ionization tandem mass spectrometric investigation of essential oils from melissa officinalis (labiateae family) and pellargonium ssp. Geraniaceae family)	C. Toma, I.B. Pancan, M. Chirita, F.M. Vata, A.D. Zamfir	Applications of mass spectrometry in life safety, Ed. Springer Verlag, Germania ISBN 9781402088100 (PRINT) 9781402088117 (ONLINE); PG. 213220
Genetic characterization of some romanian red wine grapevine varieties	Ghetea L.G., Motoc R., Niculescu A. M., Litescu S. C., Duma V.F., Carmen F. Popescu	Proc. Spie, vol. 6991 (SPIE, BELLINGHAM, WA), Strassburg (France), may 2, 2008, ISSN 16057422, 699128
Malditof mass spectrometry in textile industry	Munteanu Florentina-Daniela, Nicolae Dincă, Artur Cavaco Paulo	Applications of mass spectrometry in life Safety
Mapping and sequencing of gangliosides from anencephaly by electrospray ionization high capacity ion trap mass spectrometry	C. Mosoarca, Ž. Vukelić, A.D. Zamfir	Applications of mass spectrometry in life Safety, Ed. Springer Verlag
Modelling a compression valve in a hydraulic shock absorber	Pernevan M., Pernevan I.	Annals of DAAAM for 2008 & proceedings of the 19th international DAAAM Symposium, ISSN 1726 9679, PP 528

Stereochemistry studies of some 1,3-dioxane derivatives by differential mass spectrometry and computational chemistry	F.Harja, C. Bettendorf, I. Grosu, N. Dinca	Applications of mass spectrometry in life safety
Structural analysis of chondroitin sulfate Disaccharides by electrospray ionization high capacity ion trap mass spectrometry	A. Muresan, M. Galusca, D. G. Seidler, N. Dinca, A. D. Zamfir	Applications of mass spectrometry in life safety
The pressure calculation for thin circular clamped plates hydroforming from energetical reasons	Pernevan I.	Annals of DAAAM for 2008 & proceedings of the 19th international DAAAM Symposium, ISSN 1726 9679, pp 527
Theoretical approach on a galvanometric scanner with an enhanced duty cycle	Duma V.F., Podoleanu A. Gh.	Proc. Spie, vol. 7139, 71390d (Spie, Bellingham, WA), Kent (UK), sept. 6-10 July 2008, ISSN 0277786x
Vignetting of light beams for objects placed at a finite distance from an optical system	Duma V.F.	Proc. Spie, vol. 7100 (Spie, Bellingham, WA), Glasgow (UK), sept. 27, 2008, ISSN 0277786x, 7100.05

**Articles (papers) published in the ISI volumes of international conferences, and/or those organized by international professional societies.**

Title of article	Surname, First name of author(s)	ISI volumes of international conferences, and organized by international professional societies	Year of publication	Linkul la siteul conferinței/societății
High throughput brain ganglioside mapping and multistage sequencing by fully automated chipbased nanoelectrospray high capacity ion trap mass spectrometry	A. F. Serb, C. Mosoarca, C. Flangea, E. Sis, Ž. Vukelić, A. D. Zamfir	Society for Mass Spectrometry Conference, DGMS, March 36, 2008, Giessen, Germany Proc. Of German Soc	2008	<a href="http://gi.cebit.ec.Unibielefeld.de/people/zsuzsa/research/publication">http://gi.cebit.ec.Unibielefeld.de/people/zsuzsa/research/publication</a>
A new concept environmental accounting	Cuc Lavinia, Mazuru Luminita	Theoretical developments in contemporary economics	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
Accounting and tax aspects of the relationship between enterprise and the institutions of the state in Romania and Portugal	Cernusca Lucian	Theoretical Developments Contemporary Economics	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
Accounting and tax issues on leave and allowances for social health insurance in Romania and Portugal	Cernusca Lucian	Theoretical developments in contemporary economics	2008	
Accounting as an informational system for the economic decisions	Neamtii Gheorghe	Theoretical developments in contemporary economics	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
Accounting information and fiscal pollution	Neamtii Gheorghe	Theoretical developments in contemporary economics	2008	
Advanced AI techniques for web mining	Dzitac I., Moisil I.	Conference on mathematical methods, proc. Of mamectis ,08 10th wseas internat computational techniques and intelligent systems (mamectis ,08)	2008	<a href="http://www.wseas.org/">http://www.wseas.org/</a>
Arguments upon three specific phenomena of asymmetrical information	Simandan Matei	Theoretical developments in contemporary economics	2008	
Aspects of accounting and tax deductions on salary in Romania And Portugal	Gomoi Bogdan	Theoretical Developments Contemporary Economics	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
ASPECTS OF THE ORGANIZATION OF THE HOUSEKEEPING DEPARTMENT AT A HOTEL	SAC FLORIN I	THEORETICAL DEVELOPMENTS Contemporary Economics	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
CAPITAL INVESTMENT DECISIONS A MAJOR PART OF	GOMOI BOGDAN	THEORETICAL DEVELOPMENTS Contemporary Economics	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>

COMPANIES' FINANCIAL ADMINISTRATION				
CHALLENGES OF THE PLANNING OF HUMAN RESOURCES http TOURISM FIRMS	SAC FLORIN I	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
CHANGE APPROACHES AND METHODS OF IMPLEMENTING THEM	IACOB MIHAELA, ANTA DENISIA	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
CLUSTERS A VIABLE SOLUTION TO REGIONAL DEVELOPMENT	CIOARNA ALEXANDRU, CILAN TEODOR	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
COMPARATIVE ASSAY ON GANGLIOSIDE DIFFERENTIAL EXPRESSION http DEFINED REGIONS OF HUMAN BRAIN BY MODERN MASS SPECTROMETRIC METHODS	A. F. SERB, C. FLANGEA, Ž. VUKELIĆ, E. SISU, L. ZAGREAN, A. D. ZAMFIR	Proc. Of 6th FENS Forum of European Neuroscience Societies, July 1218 2008, Geneva, Switzerland	2008	<a href="http://fens2008.neuroscience.asso.fr/">http://fens2008.neuroscience.asso.fr/</a>
COUPLING OF FULLY AUTOMATED CHIPBASED ELECTROSPRAY IONIZATION TO HIGH CAPACITY ION TRAP MASS SPECTROMETER FOR HIGH THROUGHPUT GANGLIOSIDE ANALYSIS	C. MOSOARCA, M. CHIRITA, R. ALMEIDA, M. ALLEN, M. ALLEN, A.D. ZAMFIR	ican Society for Mass Spectrometry Proc. Of 56th Amer Conference on Mass Spectrometry and Allied Topics, June 16, 2008, Denver, Colorado, USA	2008	<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>
CULTURAL IDENTITIES AND THEIR IMPACT ON BUSINESS	MATHE ILONA, BIJA MONICA	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
CURRENT TENDENCIES http THE DEVELOPMENT AND IMPROVEMENT OF THE MANAGEMENT ACCOUNTING	CUC LAVINIA, MAZURU LUMINITA	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
DETERMINATION AND STRUCTURAL CHARACTERIZATION OF ANENCEPHALY ASSOCIATED GANGLIOSIDES BY ADVANCED MASS SPECTROMETRY BASED ON CHIP ELECTROSPRAY IONIZATION AND MULTISTAGE SEQUENCING	A. D. ZAMFIR, C. MOSOARCA, Ž. VUKELIĆ, E. SISU	Proc. Of 6th FENS Forum of European Neuroscience Societies, July 1218 2008, Geneva, Switzerland	2008	<a href="http://fens2008.neuroscience.asso.fr">http://fens2008.neuroscience.asso.fr</a>
DIMENSIONAL MEASUREMENTS WITH OPTICAL SCANNERS	V. F. DUMA	Proc. 4th European Workshop on Structural Health Monitoring (ESHM), Uhl T., Ostachowicz W., HolnickiSzulc J., 12171224, Cracow, July 0204, 2008, ISBN 9781932078947, DESTech, USA	2008	<a href="http://www.researchandmarkets.com/reports/686694/structural_health_monitoring">http://www.researchandmarkets.com/reports/686694/structural_health_monitoring</a>
DUALITY http QUOTIENT HILBERT SPACES	NĂDĂBAN S.	Proceedings of the International Symposium Research and Education in Innovation Era, Section Mathematics and Computer Science, 2nd Edition	2008	<a href="http://www.uav.ro/">http://www.uav.ro/</a>
ELEMENTS OF INTELLIGENCE http CONTROL OF A CLASS OF NONLINEAR TIMEVARYING SYSTEMS	MARIUS L. TOMESCU, RADUEMIL PRECUP, TEFAN PREITL, SASO BLAZIC	Proceedings of the International Symposium Research and Education in Innovation Era, Section Mathematics and Computer Science, 2nd Edition	2008	<a href="http://www.uav.Ro/">http://www.uav.Ro/</a>
EQUITY FINANCING	TAGADUAN DIANA	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>
ESTIMATING THE REDOX POTENTIAL OF ENZYMES USING MARCUS THEORY	MUNTEANU FLORENTINADANIE LA, ARTUR CAVACOPAULO	Oxizymes	2008	<a href="http://virtual.vtt.fi/virtual/oxizymes/">http://virtual.vtt.fi/virtual/oxizymes/</a>
EXPRESSION SYSTEM OF COTALACCASE FOR DIRECTED EVOLUTION AND VALIDATION OF HIGHTHROUGHPUT SCREENINGS FOR THE OXIDATION OF HIGHREDOX POTENTIAL DYES	V. BRISSOS, L. PEREIRA, F.D. MUNTEANU, A. CAVACO PAULO	Oxizymes	2008	<a href="http://virtual.vtt.fi/virtual/oxizymes/">http://virtual.vtt.fi/virtual/oxizymes/</a>
FAILURE DETECTION http GRID	F. O. MARTINS FOR CARMEN	Proceedings of the International Symposium Research and Education in Innovation Era, Section Mathematics and Computer Science, 2nd Edition	2008	<a href="http://www.uav.Ro/">http://www.uav.Ro/</a>
FINANCIAL FLOWS REGARDING THE PAYOFF OF STATE BUDGET DEBENTURES	RISTI LUCIA	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	<a href="http://conferinte.uav.ro">http://conferinte.uav.ro</a>

AND THEIR REFLECTION http PUBLIC ACCOUNTING				
FISCAL COMPETITION AND HARMONIZATION http THE EUROPEAN UNION	BOGLEA VANINA	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	http://conferi nte.uav.r o
FIXED POINTS FOR MULTIVALUED OPERATORS ON GAUGE SPACES	GABRIELA PETRUEL, GHIOCEL MO, ADRIAN PETRUEL	Proceedings of the International Symposium Research and Education in Innovation Era, Section Mathematics and Computer Science, 2nd Edition	2008	http://www.u av. Ro/
FULLY AUTOMATED CHIPBASED ELECTROSPRAY IONIZATION MULTISTAGE CID/ETD MASS SPECTROMETRY FOR GLYCOCONJUGATE ANALYSIS	A. D. ZAMFIR, V.UDRESCU, R. ALMEIDA, F. HARJA, N. DINCA, L. RUSNAC, M. ALLEN	ian Mass Spectrometry Forum, Feb. 1822, 2008, Proc. Of Austria Vienna	2008	www.comput is. Org
FULLY AUTOMATED CHIPBASED ELECTROSPRAY IONIZATION MULTISTAGE MASS SPECTROMETRY OF LONG CHAIN POLYSACCHARIDES FUNCTIONALIZED WITH AROMATIC AMINES	V. UDRESCU, E. SISU, I. SISU, L. RUSNAC, M. ALLEN, R. ALMEIDA, A.D. ZAMFIR	ican Society for Mass Spectrometry Proc. Of 56th Amer Conference on Mass Spectrometry and Allied Topics, June 16, 2008, Denver, Colorado, USA	2008	http://www.s ciencedirect.c om
FUNDAMENTAL PRINCIPLES OF ETHICAL AND PROFESSIONAL BEHAVIOR OF FINANCIAL AUDITOR	ALMASI ROBERT	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	http://conferi nte.uav.r o
GLYCOMICS OF BRAIN GLYCOSAMINOGLYCANS BY CHIP ESI MSN	C. FLANGEA, C. MOSOARCA, A. F. SERB, E.SISU, D. G. SEIDLER, A.D. ZAMFIR	iety for Mass Spectrometry Conference, Proc. Of German Soc DGMS, March 36, 2008, Giessen, Germany	2008	http://gi.cebit ec. Unibielefeld. de/peo ple/zsuzsa/re search/public ation
GLYCOMICS OF HUMAN FETAL BRAIN GANGLIOSIDES BY CHIP ELECTROSPRAY IONIZATION MULTISTAGE MASS SPECTROMETRY	A. D. ZAMFIR	ional Carbohydrate Symposium July 27 Proc. Of 24th International August 1 2008, Oslo, Norway	2008	http://www.c onf abb.com/
HOLT'S AND HOLTWINTER'S METHODS WITH EXCEL	ANDREA ANDRU	Proceedings of the International Symposium Research and Education in Innovation Era, Section Mathematics and Computer Science, 2nd Edition	2008	http://www.u av. Ro/
IMPLEMENTING INTERCULTURAL LEARNING ACTIVITIES	HERLO DORIN, VASILIONOVA VALENTINA, ZOLUDE INGA, KLIMOVSKY DANIEL, BRESTRICHTOPCU EMEL, SERROEN BENEDICTE	IMPLEMENTING INTERCULTURAL LEARNING ACTIVITIES	2008	http://www.i nter cultural learning.net/ nile/doc/NIL E_Methodolg uide_fina
INTERNAL CONTROLBETWEEN PERCEPTION AND PRACTICE	ASLAU TITUS	THEORETICAL DEVELOPMENTS http CONTEMPORARY ECONOMICS	2008	http://conferi nte.uav.r o
IS THERE A CRITICAL POINT http THE EXACT SOLUTION OF A 331 GAUGE MODEL WITH RIGHT HANDED NEUTRINOS ?	ADRIAN PALCU	Proocedings of International Physics Conference TIM – 08	2008	http://tim.uvt. ro/
IS THERE A CRITICAL POINT http THE EXACT SOLUTION OF A 331 GAUGE MODEL WITH RIGHT HANDED NEUTRINOS?	ADRIAN PALCU	PROCEEDINGS OF THE PHYSICS CONFERENCE: TIM 08	2008	http://tim.uvt. ro/
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A STATISTICAL INTERPRETATION OF ANSWERS TO A QUESTIONNAIRE FROM ETHICS' POINT OF VIEW TAKEN BY STUDENTS FROM ECONOMIC SCIENCE FACULTY FROM „AUREL VLAICU” UNIVERSITY <a href="http://ARAD">http ARAD</a>	LILE RAMONA, VIZENTAL MIHAELA	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
ACTIVITYBASED COST SYSTEM FOR FINANCIAL REPORTING	ANTA DENISIA, CUC LAVINIA	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
COMPANY'S FINANCING THROUGH INDEBTING	NASUI DELIA, CURETEANU RADU	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
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COMPARATIVE ANALYSIS OF PHYSICO-CHEMICAL CHARACTERISTICS FOR RED SUPERIOR WINES OBTAINED <a href="http://THE">http THE</a> WESTERN PART OF ROMANIA	MUREAN CLAUDIA, V. CIUTINA, S. PALCU, L. HALMAGEAN	BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJNAPOCAAGRICULTURE
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DIMENSIONS OF THE CORPORATE SOCIAL RESPONSIBILITY	ISAC FLORIN	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
DISTINCTIVE ASPECTS OF THE SERVICES STRATEGY	ISAC FLORIN	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
ECOLOGICAL FOOTPRINT TOOL FOR CALCULATING THE ENVIRONMENTAL FLOW	TIGAN EUGENIA, BRINZAN OANA, LUELA LUIELA MAGDALENA CSORBA	BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJNAPOCAAGRICULTURE
ELECTROSPRAY IONIZATION TANDEM MASS SPECTROMETRIC INVESTIGATION OF MELISSA OFFICINALIS OIL	C. TOMA, I. B. PANCAN, M. CHIRITA, A. D. ZAMFIR	FARMACIA

ETHICS http ACCOUNTING	NICOLAESCU CRISTINA, PANTEA MIOARA	ANALELE UNIVERSITATII ORADEASTIINTE ECONOMICE	DIN
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GENERAL MANAGER'S RESPONSABILITIES AND SKILL DEVELOPMENT WITHIN HOTEL ENTREPRISE	ISAC FLORIN	ANALELE UNIVERSITATII ORADEASTIINTE ECONOMICE	DIN
IMPLEMENTATION OF BENCHMARKING http MARKETING	MATEOC NICOLETA, BIJA MONICA	ANALELE UNIVERSITATII ORADEASTIINTE ECONOMICE	DIN
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INTERNATIONAL MARKETING STRATEGY	CSORBA LUIELA, TIGAN EUGENIA, BRANZAN OANA	ANALELE UNIVERSITATII ORADEASTIINTE ECONOMICE	DIN
IS BRANDING AND REBRANDING A „MUST” TO SURVIVE FOR COMPANIES?	BIJA MONICA, LILE RAMONA	ANNALES UNIVERSITATIS APULENSIS SERIES OECONOMICA	
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PLANNING FOR MODERN QUALITY SYSTEM	LILE RAMONA, IACOB MIHAELA	ANALELE UNIVERSITATII ORADEASTIINTE ECONOMICE	DIN
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POLITICI DE DISTORSIONARE A PERFORMANTELOR FINANCIARE ALE  INTREPRINDERII	CERNUSCA LUCIAN	REVISTA DE MANAGEMENT SI INGINERIE  ECONOMICA	
RESEARCH WITH REGARD TO THE METHODS	ADRIAN TĂNASE, MIHAI	BULETINUL INSTITUTULUI POLITEHNIC	

USED FOR DIAGNOSING THE PASSENGER CARS <a href="#">http ORDER TO INCREASE THE SAFETY AND SECURITY</a> <a href="#">http RAIL TRANSPORT (DIAGNOSIS</a>	OLARIU, AUREL PĂDUREANU, LIVIU SEVASTIAN BOCÎ,	DIN IASI. SECTIA: MATEMATICA. MECANICA TEORETICA. FIZICA
RESEARCHES FOR ESTABLISHING THE CONSTRUCTION AND HYDRAULIC ELEMENTS <a href="#">http CASE OF HYDRAULIC CONSTRUCTIONS ON SLOPING GROUNDS</a>	CALINOVICI IOAN	BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJNAPOCA AGRICULTURE
SIMULTANEOUS INCLUSION METHODS WITH RATE OF CONVERGENCE GREATER THAN FOUR	OCTAVIAN CIRA, CRISTIAN MIHAI CIRA	ANALELE UNIVERSITATII DE VEST TIMISOARA, SERIA MATEMATICA INFORMATICA
SMALL BUSINESS AND PROTECTING INVENTORY FROM THEFT	IACOB MIHAELA, LILE RAMONA	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
START ITERATION FOR EZQUERROHERNANDEZ METHOD	C. M. CIRA, O. CIRA	REVUE D'ANALYSE NUMERIQUE ET DE THEORIE DE L'APPROXIMATION
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THE GENERAL ACCOUNTING MODEL OF EVALUATION	DUMITRU CORINA, RISTEA MIHAI, CUC LAVINIA, CURPAN ALINA, DIACONU	ANNALES UNIVERSITATIS APULENSIS

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THE PROTECTION OF THE ROMANIAN PANIFICATION PRODUCTS CONSUMERS	CSORBA LUIELA, BRANZAN OANA, TIGAN EUGENIA	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
THE RELATIONSHIP BETWEEN ELECTRONIC MONEY AND FREE BANKING	DUMITER FLORIN, BOGLEA VANINA	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
THE STUDY OF RELATIVE MOVEMENTS FROM KINEMATICS COUPLES OF ROTATION AND TRANSLATION THROUGH HOMOGENEOUS OPERATORS	L. SĂBĂILĂ, I. RADU, D. MORTOIU	ANNALS OF THE ORADEA UNIVERSITY. FASCICLE OF MANAGEMENT AND TECHNOLOGICAL ENGINEERING
TOTAL QUALITY MANAGEMENT AND QUALITY COSTS	ANTA DENISIA, CUC LAVINIA	ANALELE UNIVERSITATII DIN ORADEASTIINTE ECONOMICE
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ANALYSIS OF BEHAVIOR http ORGANIZATIONS	PANTEA MIOARA, IACOB MIHAELA	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE
ASPECTE TEORETICE I REZULTATE EXPERIMENTALE PRIVIND INDICATORII SANOGENETICI PENTRU TRICOTURI REALIZATE DIN FIRE	ECATERINA PINTILE*, STAN MITU*, CARAIMAN GEORGE PAUL, CECILIA SIRGHIE**, MANUELA AVĂDANEI*	ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILESLEATHERWORK

DE ÎN ÎN AMESTEC CU BUMBAC		
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CONSIDERATION ABOUT ROMANIAN TAXATION SYSTEM	BOGLEA VANINA, MAZURU LUMINITA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE ÎN MEDICINA VETERINARA A BANATULUI TIMISOARA)
CONSIDERATIONS CONCERNING MANAGEMENT ACCOUNTING http AGRICULTURE	CERNUSCA LUCIAN, GOMOI BOGDAN	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE ÎN MEDICINA VETERINARA A BANATULUI TIMISOARA)
CONSIDERATIONS ON THE DEFORMATION STATE AND ON THE INDUCED STRESS FROM THE RESISTANCE STRUCTURE OF THE Y 25 BOGIE WHEN THE SUSPENSION SPRING IS BROKEN	G. A. GHERMAN	BULETINUL STIINTIFIC AL UNIVERSITATII POLITEHNICA DIN TIMISOARA, ROMANIASERIA MECANICA (SCIENTIFIC BULLETIN OF THE POLITEHNICA UNIVERSITY OF TIMISOARA, ROMANIA, TRANSACTION ON MECHANICS)
CONSIDERATIONS REGARDING THE FINANCIAL STATEMENTS OF ROMANIAN COMPANIES	CERNUSCA LUCIAN, GOMOI BOGDAN	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE http MEDICINA VETERINARA A BANATULUI TIMISOARA)
CONTINGENCY THEORIES OF LEADERSHIP	PANTEA VOICU, CSORBA LUIELA	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE
CULTURAL IMPERIALISM OR DIVERSITY FROM GLOBALIZATION	IACOB MIHAELA, PANTEA MIOARA	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE
CULTURAL PECULIARITIES OF THE NEGOTIATION STYLE	ISAC FLORIN, RUSU SERGIU	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE http MEDICINA VETERINARA A BANATULUI TIMISOARA)
DECISION MAKING http UNCERTAINTY, BY FUZZY THEORY AND LOGIC, http THE FIELD OF ROMANIAN INVESTMENTS	CSORBA LUIELA, LILE RAMONA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE http MEDICINA VETERINARA A BANATULUI TIMISOARA)
DETERMINATION OF ASCORBIC ACID THROUGH THE 2,6DICHLOROPHENOL METHOD FROM THE ANGIOSPERMATOPHYTA SPECIES	D.CONDRAT, F.HARJA, A.X.LUPEA	ANALELE UNIVERSITATII DIN CRAIOVA, SERIA BIOLOGIE, HORTICULTURA, TEHNOLOGIA PRELUCRARII PRODUSELOR AGRICOLE, INGINERIA MEDIULUI ÎN AGRICULTURA
DETERMINATION OF THE MEAN SQUARE ERROR OF AN INDIRECT VALUE FUNCTION	CALINOVICI IOAN	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE http MEDICINA VETERINARA A BANATULUI TIMISOARA)
DETERMINATION OF THE TOTAL CONTENT http ANTHOCYANIDIS FROM THE ALCHEMILLA VULGARIS, ALLIUM URSINUM, ACORUS CALMUS AND SOLIDAGO VIRGAAUREA	D.CONDRAT, F.HARJA, A.X.LUPEA	ANALELE UNIVERSITATII DIN CRAIOVA, SERIA BIOLOGIE, HORTICULTURA, TEHNOLOGIA PRELUCRARII PRODUSELOR AGRICOLE, INGINERIA MEDIULUI ÎN AGRICULTURA
ECOLOGICAL FOOTPRINT TOOL FOR CALCULATING THE ENVIRONMENTAL FLOW	TIGAN EUGENIA, BRANZAN OANA, CSORBA LUIELA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE ÎN MEDICINA VETERINARA A BANATULUI TIMISOARA)
ECOTOURISM AND THE SUSTAINABLE DEVELOPMENT	RUSU SERGIU, ISAC FLORIN	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE http MEDICINA VETERINARA A BANATULUI TIMISOARA)

EMPLOYEE RECOGNITION:MANAGING THE HUMAN ASSETS <a href="#">http</a> A TRAVEL AGENCY	CERNUSCA LUCIAN	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE
ENVIRONMENT AND DECISION MAKING	NASUI DELIA, CURETEANU RADU	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE <a href="#">http</a> MEDICINA VETERINARA A BANATULUI TIMISOARA)
EXTENSIVE RESEARCH INTO ANALYSING THE ESSENTIAL FACTORS DETERMINING THE ATTRACTIVENESS OF TOURIST PLACES	NEGRUT CONSTATIN, VASILESCU RAMONA, SABAU FLORENTINA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE <a href="#">http</a> MEDICINA VETERINARA A BANATULUI TIMISOARA)
GLOBALIZAREA ÎN ORGANIZATIILE MILENIULUI AL TREILEA	LILE RAMONA, CSORBA LUIELA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE <a href="#">http</a> MEDICINA VETERINARA A BANATULUI TIMISOARA)
INTERNATIONAL MARKETING STRATEGY	EUGENIA TIGAN, LUIELA MAGDALENA CSORBA, BRÎNZAN OANA	ANALELE UNIVERSITATII DIN ORADEAFASCICULA PROTECTIA MEDIULUI
MANAGEMENT OF IMPERFECT KNOWLEDGE <a href="#">http</a> DESIGNING INTELLIGENT SYSTEMS	E. ROVENTA, T. SPIRCU	UNIVERSITY OF PITESTI SCIENTIFIC BULLETIN SERIES: ELECTRONICS AND COMPUTERS SCIENCE
MANAGEMENTUL CALITATII TOTALE	LILE RAMONA, CSORBA LUIELA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE <a href="#">http</a> MEDICINA VETERINARA A BANATULUI TIMISOARA)
MANAGING CHANGE <a href="#">http</a> ORGANIZATIONS	IACOB MIHAELA, PANTEA VOICU	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE ÎN MEDICINA VETERINARA A BANATULUI TIMISOARA)
MANAGING CUSTOMER CARE	IACOB MIHAELA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE ÎN MEDICINA VETERINARA A BANATULUI TIMISOARA)
NOTIUNI GENERALE PRIVIND TEORIA ÎN LOGICA FUZZY	CSORBA LUIELA, LILE RAMONA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE ÎN MEDICINA VETERINARA A BANATULUI TIMISOARA)
PECULIARITIES <a href="#">http</a> THE MANAGEMENT OF THE QUALITY <a href="#">http</a> SERVICES <a href="#">http</a> TOURISM	ISAC FLORIN	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
RESEARCHES CONCERNING THE INFLUENCE OF CLIMATIC CONDITIONS ON DYNAMICS DEVELOPMENT OF THE MALOLACTIC FERMENTATION AT RED WINES, ANALELE UNIVERSITĂII DIN CRAIOVA	IONEL POPESCOMITROI	ANALELE UNIVERSITATII DIN CRAIOVA, SERIA BIOLOGIE, HORTICULTURA, TEHNOLOGIA PRELUCRARI PRODUSELOR AGRICOLE, INGINERIA MEDIULUI <a href="#">http</a> AGRICULTURA
RESEARCHES ON DIAGNOSIS METHODS FOR CARRIAGES <a href="#">http</a> ORDER TO INCREASE THE RAILWAY TRANSPORT SAFETY AND SECURITY	ADRIAN TĂNASE, MIHAI OLARIU, AUREL PĂDUREANU, LIVIU SEVASTIAN BOCÎI	ROMANIAN REVIEW PRECISION MECHANICS, OPTICS & MECATRONICS
RESERCHES CONCERNING EXTRACTION AND DOSAGE TECHNOLOGY OF HYDROSOLUBLE B COMPLEX VITAMINS BY USING SOME	PALCU S.E., ZAMFIR ALINA, MUREAN CLAUDIA	ANALELE UNIVERSITATII DIN CRAIOVA, SERIA BIOLOGIE, HORTICULTURA, TEHNOLOGIA

GARDEN AND AGRICULTURAL CROP PLANTS AS RAW MATERIAL		PRELUCRARIILE PRODUSELOR AGRICOLE, INGINERIA MEDIULUI <a href="http://www.iaia.ro">http://www.iaia.ro</a> AGRICULTURA
ROLE OF ADMINISTRATORS, MANAGER AND LEADERSHIP <a href="http://www.iaia.ro">http://www.iaia.ro</a> SHAPING OF AN ORGANIZATION	SPANU MARIAN, STURZ ADINA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
STUDY ON POVERTY AND ITS EFFECTS ON RURAL POPULATION	MATEOC NICOLETA, BIJA MONICA, MATEOC TEODOR	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
SUSTAINABLE STRATEGY FOR A CONTEMPORARY ECONOMIC DEVELOPMENT	CSORBA LUIELA, BRANZAN OANA, TIGAN EUGENIA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
SWOT ANALYSE OF THE RURAL SPACE FROM 5 WEST REGION	EUGENIA TIGAN, SILVIA VLAD	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
TAX EVASION AND ITS IMPLICATIONS <a href="http://www.iaia.ro">http://www.iaia.ro</a> ROMANIAN ECONOMY	MAZURU LUMINITA, BOGLEA VANINA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE ADVANTAGES AND DISADVANTAGES OF THE PERSONNEL'S RECRUITMENT INTERN SOURCES	SPANU MARIAN, STURZ ADINA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE CONTEMPORARY ROMANIAN SMALL BUSINESS ENVIRONMENT	CSORBA LUIELA, PANTEA VOICU	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE
THE EVOLUTION OF PHENOLIC COMPOUNDS DURING TECHNOLOGICAL PROCESS AT SUPERIORS RED WINES FROM BURGUND VARIETY	MUREAN CLAUDIA, CHIRBESCU S., CIUTINA V., PALCUS	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE IMPACT ON ENVIRONMENTAL TAXES UPON CONTEMPORARY ENTREPRISES PRICE POLICY	BRANZAN OANA, CSORBA LUIELA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE MALOLACTIC FERMENTATION INFLUENCE ON THE ETHYL ACETATE CONTENT FROM RED WINES	IONEL POPESCOMITROI	ANALELE UNIVERSITATII DIN CRAIOVA, SERIA BIOLOGIE, HORTICULTURA, TEHNOLOGIA PRELUCRARIILOR PRODUSELOR AGRICOLE, INGINERIA MEDIULUI IN AGRICULTURA
THE MARKETING OF RELATION WITH THE CLIENTS	EUGENIA TIGAN	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE RELATIONSHIP BETWEEN ENVIRONMENTAL AND FINANCIAL PERFORMANCE	CURETEANU RADU, NASUI DELIA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE STANDARD COSTING METHOD, MAIN DIRECTION FOR IMPROVING THE MANAGEMENT ACCOUNTING AND THE COSTS CALCULATION <a href="http://www.iaia.ro">http://www.iaia.ro</a> BREWING INDUSTRY	CUC LAVINIA, NITU CORINA, ANTA DENISIA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
THE TEAM CONCEPT	PANTEA VOICU, IACOB MIHAELA	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE

THE TRACTION BEHAVIOUR OF THE THREEPHASE INDUCTION MACHINE AT POWERSUPPLY TIME MODULATION	IOAN BELE, LIVIU SEVASTIAN BOCÎI, VALENTIN MÜLLER, MIHAELA POPA	BULETINUL STIINTIFIC AL UNIVERSITATII POLITEHNICA DIN TIMISOARA, ROMANIASERIA MECANICA (SCIENTIFIC BULLETIN OF THE POLITEHNICA UNIVERSITY OF TIMISOARA, ROMANIA, TRANSACTION ON MECHANICS)
TRANSFORMATIONAL LEADERSHIP	IACOB MIHAELA, PANTEA VOICU	BULETIN STIINTIFIC. ACADEMIA FORTELOR TERESTRE
WASTE MANAGEMENT – AN IMPORTANT COMPONENT FOR A SUSTAINABLE DEVELOPMENT	CSORBA LUIELA, BRANZAN OANA	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURA SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)
WHY IS IT SO IMPORTANT FOR SMES TO INVEST http COMPETENCE DEVELOPMENT ACTIVITIES?	IACOB MIHAELA, PANTEA VOICU	LUCRARI STIINTIFICE: FACULTATEA DE AGRICULTURAL SCIENTIFICAL PAPERS : FACULTY OF AGRICULTURE (UNIV DE STIINTE AGRICOLE SI MEDICINA VETERINARA A BANATULUI TIMISOARA)

### Books issued by national publishing houses, acknowledged CNCISIS

Title of book	Surname, First name of author(s)	Publishing house	Number of pages
EVALUARE I AUTOEVALUARE. COMPETENE, ATITUDINI I PRACTICI	ROMAN, ALINA	EDITURA UNIVERSITATII AUREL VLAICU	243
ADMINISTRAREA AFACERILOR http TURISM	ISAC FLORIN, RUSU SERGIU	MIRTON	255
ANALIZA DIAGNOSTIC ÎN ROLUL SAU ÎN ELABORAREA STRATEGIILOR DE INTREPRINDERI	CURETEANU RADU	MIRTON	240
ENTREPRENORIALSHIP UL FORTA MOTRICE A ORICAREI INTREPRINDERI	IACOB MIHAELA	EDITURA UNIVERSITATII AUREL VLAICU	222
BAZELE ECONOMIEI INTREPRINDERII	LILE RAMONA, BALAN LEONARD	EDITURA UNIVERSITATII AUREL VLAICU	215
BAZELE STATISTICII	SZENTESI SILVIU, IONESCU ELISABETA, LILE RAMONA, BALAN LEONARD, RUSU SERGIU	EDITURA UNIVERSITATII AUREL VLAICU	351
CHIMIA MEDIULUI: NOIUNI TEORETICE, APLECATIVE I NUMERICE	MUNTEANU FLORENTINADANIELA, ADINA MARIA BODESCU	EDITURA UNIVERSITATII AUREL VLAICU	192
CHIMIE BIOANORGANICĂ – REDUCEREA DINITROGENULUI PE SISTEME CU MOLIBDEN I VANADIU”, VOL.II	GABRU ♦ IULIU RADU, CĂBULEA PETRU	EDITURA UNIVERSITATII AUREL VLAICU	140
COLLECTION OF BRIEF TEXTS USED FOR THE COURSE OF BUSINESS ADMINISTRATION	PONTA, MONICA	EDITURA UNIVERSITATII AUREL VLAICU	89
COMPORTAMENT ORGANIZATIONAL	PANTEA VOICU, PANTEA MIOARA, IACOB MIHAELA	EDITURA UNIVERSITATII AUREL VLAICU	200

COMPORTAMENTUL http PROTECTIA CONSUMATORULUI	ISAC FLORIN	MIRTON	327
COMUNICARE ÎN NEGOCIERE ÎN BUSINESS	ISAC FLORIN, RUSU SERGIU	EDITURA UNIVERSITATII AUREL VLAICU	139
COMUNICARE I COMPORTAMENT ORGANIZATIONAL	ILICA, ANTON	EDITURA UNIVERSITATII AUREL VLAICU	390
CONTABILITATE	PANTEA MIOARA, NICOLAESCU CRISTINA	MIRTON	206
CONTABILITATE http CONTURI CONSOLIDATE	NITU CORINA, CUC LAVINIA	EDITURA UNIVERSITATII AUREL VLAICU	182
CONTABILITATE ÎN GESTIUNE FISCALA. SINTEZE ÎN APLICATII PRACTICE	CERNUSCA LUCIAN, GOMOI BOGDAN, CONDEA BOGDAN	EDITURA UNIVERSITATII AUREL VLAICU	170
CONTRIBUII LA ANALIZA I DEZVOLTAREA SISTEMELOR CU REGULATOARE FUZZY APLICATE ÎN CONDUCEREA PROCESELOR NELINIARE	MARIUS TOMESCU	EDITURA POLITEHNICA TIMISOARA	157
CONVERGENTE CONTABILE INTERNATIONALE	NEAMTIU GHEORGHE	EDITURA GUTENBERG UNIVERS ARAD	168
COSMOLOGIE I SOTERIOLOGIE ÎN GÂNDIREA PĂRINILOR RĂSĂRITENI	IOJA CRISTINEL	EDITURA UNIVERSITATII AUREL VLAICU	417
DIMENSIUNI PSIHOLOGICE ALE ÎNVĂĂRII	DUGHII TIBERIU, ROMAN ALINA	EDITURA UNIVERSITATII AUREL VLAICU	212
DOGMATICĂ I DOGMATITI. PROLEGOMENA PRIVIND APROFUNDAREA TEOLOGIEI DOGMATICE ORTODOXE ROMĂNE ÎN A DOUA JUMĂTATE A SECOLULUI AL XXLEA I ÎNCEPUTUL SECOLULUI AL XXILEA	IOJA CRISTINEL	EDITURA MARINEASA	615
ECONOMIA COMERTULUI	CSORBA LUIELA, BARA EVA	EDITURA UNIVERSITATII AUREL VLAICU	300
ECONOMIA TURISMULUI	MAXIM OLGA	EDITURA UNIVERSITATII AUREL VLAICU	260
ECONOMIE	CSORBA LUIELA	EDITURA GUTENBERG UNIVERS ARAD	384
ECONOMIE I	CIOARNA ALEXANDRU, CILAN TEODOR, ISAC FLORIN	EDITURA UNIVERSITATII AUREL VLAICU	78
ECONOMIE II	CIOARNA ALEXANDRU, CILAN TEODOR, ISAC FLORIN	EDITURA UNIVERSITATII AUREL VLAICU	76

EDUCAIE MUZICALĂ. CULEGERE DE CÂNTECE I JOCURI MUZICALE	JURITA, PETRU	EDITURA UNIVERSITATII AUREL VLAICU	320
EDUCATIE, CERCETARE SI DEZVOLTARE. DEMERSURI APLICATIVE ÎN SCOALĂ	ROMAN, ALINA, DUGHII, TIBERIU, PETROI, ANCA, BALAS, EVELINA	EDITURA UNIVERSITATII AUREL VLAICU	213
ELEMENTE DE FISCALITATE	BOGLEA VANINA, MAZURU LUMINITA	EDITURA UNIVERSITATII AUREL VLAICU	96
ELEMENTE DE GEOPOLITICA	SIMANDAN MATEI	MIRTON	157
EXPERT SYSTEMS http PROLOG	ROVENTA E.	VASILE GOLDIS UNIVERSITY PRESS ARAD	98
FILAREA FIBRELOR LIBERIENE ÎN AMESTECURI CU FIBRE DE BUMBAC	CECILIA SIRGHIE	EDITURA UNIVERSITATII AUREL VLAICU	141
FINANTE PUBLICE - SINTEZE, TESTE, APLICATII	BOGLEA VANINA, MAZURU LUMINITA	EDITURA UNIVERSITATII AUREL VLAICU	170
FROM NATURAL LANGUAGE TO SOFT COMPUTING: NEW PARADIGMS http ARTIFICIAL INTELLIGENCE	LOTFI A. ZADEH, DAN TUFIS, FLORIN GHEORGHE FILIP, IOAN DZITAC	EDITURA ACADEMIEI ROMANE	268
FUNDAMENTELE STIINTEI MARFURILOR	PACURARIU GHEORGHE, LILE RAMONA, BARA EVA	EDITURA UNIVERSITATII AUREL VLAICU	319
GESTIUNEA FINANCIARCONTABILA A INTREPRINDERII. SINTEZE SI APLICATII PRACTICE	CERNUSCA LUCIAN, GOMOI BOGDAN	EDITURA UNIVERSITATII AUREL VLAICU	250
HIPOACUZIA LA COPIL: DE LA DIAGNOSTIC LA RECUPERARE,	CIOLAC,MIRELA, BACHIR, SORIN	EDITURA UNIVERSITATII AUREL VLAICU	161
HOMO ADORANS. ÎNTRE IISUS HRISTOS I POLITEISMUL LUMII CONTEMPORANE	IOJA CRISTINEL	EDITURA UNIVERSITATII AUREL VLAICU	329
HUMAN RESOURCES http ACCOUNTING	CERNUSCA LUCIAN, DIMA CRISTINA	EDITURA UNIVERSITATII AUREL VLAICU	150
IMPLEMENTAREA UNOR ACTIVITITATI DE INVATARE INTERCULTURALA (Implementing activities of intercultural learning)	HERLO, DORIN, VIZENTAL, ADRIANA, SCHMDT-BEHLAU, BEATE	EDITURA UNIVERSITATII AUREL VLAICU	64
INTELIGENĂ ARTIFICIALĂ	IOAN DZIAC	EDITURA UNIVERSITATII AUREL VLAICU	182
INTERACTIUNEA DINTRE ECONOMIE SI MEDIU	SPANU MARIAN, STURZ ADINA	EDITURA UNIVERSITATII AUREL VLAICU	327

ISTORIA I DIDACTICA ISTORIEI PENTRU ÎNVĂĂMÂNTUL PRIMAR. CURS PENTRU STUDENII FACULTĂII DE TINELE EDUCAIEI	PADUREAN, CORNELIU	EDITURA UNIVERSITATII AUREL VLAICU	284
ÎMBUNĂTĂIRI FUNCiare	CALINOVICI IOAN	MIRTON	293
MANAGEMENT	ISAC FLORIN	MIRTON	238
MANAGEMENT FINANCIAR. ANALIZA ÎN DIAGNOSTIC FINANCIARCONTABIL	PANTEA VOICU	EDITURA UNIVERSITATII AUREL VLAICU	260
MANAGEMENT http SERVICII	ISAC FLORIN	MIRTON	202
MANAGEMENT ORGANIZATIONAL (ED III)	IONESCU GHEORGHE, LILE RAMONA	EDITURA UNIVERSITATII AUREL VLAICU	237
MANAGEMENT STRATEGIC, LOGISTIC ÎN CONTROLUL AFACERILOR	LILE RAMONA, PANTEA VOICU, CUC LAVINIA	EDITURA UNIVERSITATII AUREL VLAICU	218
MANAGEMENTUL CALITATII http STANDARDIZAREA	LILE RAMONA	MIRTON	298
MANAGEMENTUL IMMURILOR	IACOB MIHAELA	MIRTON	106
MANAGEMENTUL PRODUCTIEI	LILE RAMONA, BALAN LEONARD	EDITURA UNIVERSITATII AUREL VLAICU	222
MANAGEMENTUL RESURSELOR UMANE	SPANU MARIAN, STURZ ADINA	EDITURA UNIVERSITATII AUREL VLAICU	311
MANAGEMENTUL ÎN INVATAMANTUL SUPERIOR ÎN ROMANIA	HANAGANU SILVIA	EDITURA UNIVERSITATII AUREL VLAICU	294
MANAGEMENTUL SI MARKETINGUL SERVICIILOR HOTELIERE SI DE RESTAURANT	ISAC FLORIN	EDITURA UNIVERSITATII AUREL VLAICU	187
MANAGEMENTUL VANZARILORANALIZA http STRATEGIE	CURETEANU RADU, CURETEANU ARGENTINA	EDITURA UNIVERSITATII AUREL VLAICU	222
MANAGERUL COLAR. ASPECTE FORMATIVAPLICATIVE	HERLO DORIN,ROMAN ALINA, DUGHI TIBERIU, PETROI ANCA, BALAS EVELINA	EDITURA UNIVERSITATII AUREL VLAICU	150
MARFURI ALIMENTARE ÎN SECURITATEA CONSUMATORILOR	MAXIM OLGA	EDITURA UNIVERSITATII AUREL VLAICU	292

MARKETING	TIGAN EUGENIA	EDITURA UNIVERSITATII AUREL VLAICU	256
MARKETINGASPECTE DE BAZA TEORETICE SI PRACTICE	MAXIM OLGA	MIRTON	276
MATERIALOTEHNICA VOL.IV, METALE I ALIAJE NEFEROASE	M. TRUCULESCU , G. HUIU	EDITURA POLITEHNICA TIMISOARA	382
MATHECOEXERCIII I PROBLEME	NĂDĂBAN S.	MIRTON	207
METODE ELECTROANALITICE	MUNTEANU FLORENTINADANIELA, IOAN BUJOR PANCAN	EDITURA UNIVERSITATII AUREL VLAICU	184
METODICA ÎNVĂĂRII ARITMETICII ÎN CICLUL PRIMAR	CHEȚA, GHEORGHE	EDITURA UNIVERSITATII AUREL VLAICU	84
METODOLOGIA CERCETĂRII EXPERIMENTALE, GHID PENTRU ELABORAREA LUCRĂRII DE LICENĂ I A DIZERTAIEI DE MASTERAT	ILICA, ANTON	EDITURA UNIVERSITATII AUREL VLAICU	200
MICROECONOMIE	CSORBA LUIELA	EDITURA GUTENBERG UNIVERS ARAD	418
MONITORIZAREA I DIAGNOZA CALITĂII MEDIULUI	ONOFREI GABRIELA	EDITURA UNIVERSITATII AUREL VLAICU	475
NOIUNI TEORETICE I PRACTICE DE NUTRIIE UMANĂ	RAUL IANCHICI	EDITURA UNIVERSITATII AUREL VLAICU	218
PEDAGOGIE MODERNĂ	ILICA, ANTON	EDITURA UNIVERSITATII AUREL VLAICU	370
PERSPECTIVE CRITICE ÎN FILOSOFIA ȘTIINTEI ECONOMICE	SIMANDAN MATEI	MIRTON	278
PIETE FINANCIARE ÎN BURSE DE VALORI	NITU ADRIAN	EDITURA UNIVERSITATII DE VEST	367
POLITICI SOCIALE, ASIGURĂRI DE SĂNĂTATE I CONTRIBUII LA MANAGEMENTUL SERVICIILOR DE SĂNĂTATE	GAVRILĂARDELEAN, MIHAELA FLORENTINA	EDITURA UNIVERSITATII AUREL VLAICU	223
POPULATIA JUDEULUI ARAD LA INCEPUTUL SECOLULUI XXI	PADUREAN, CORNELIU	EDITURA UNIVERSITATII AUREL VLAICU	159
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM „RESEARCH AND EDUCATION http AN INNOVATION ERA, ENGINEERING SCIENCES, 2ND EDITION, ARAD, NOVEMBER 2021, 2008		EDITURA UNIVERSITATII AUREL VLAICU	502

PSIHOLOGIA ADOLESCENEI I VĂRSTEI ADULTE, EDIIA A 2A REVIZUITĂ	MOLDOVAN, OLGA DOMNICA	EDITURA UNIVERSITATII AUREL VLAICU	265
PSIHOLOGIA COPILULUI CU HANDICAP. ELEMENTE DE PEDAGOGIE APLICATĂ	MOLDOVAN, OLGA DOMNICA DANA BĂLATIMAR, R. ERBAN,	EDITURA UNIVERSITATII AUREL VLAICU	322
PSIHOLOGIA POLITICĂ –O DISCIPLINĂ SOCIETALĂ	COORD. LAVINIA BETEA, ALEXANDRE DORNA	EDITURA CURTEA VECHE	464
PSIHOLOGIA TRANSVERSALĂ: PARTEA GENERALĂASPECTELE FILOSOFIEI COMPORTAMENTULUI	SCHWARTZ, GHEORGHE	EDITURA UNIVERSITATII AUREL VLAICU	284
PSIHOLOGIE TRANSVERSALĂ PARTE GENERALĂ	SCHWARTZ, GHEORGHE	EDITURA UNIVERSITATII AUREL VLAICU	268
PSIHOPEDAGOGIA JOCULUI	KELEMEN,GABRIELA	EDITURA UNIVERSITATII AUREL VLAICU	180
PSIHOPEDAGOGIA SUPRADOTĂRII STRATEGII DE IDENTIFICARE SI EDUCARE A COPIILOR SUPRADOTATI	KELEMEN,GABRIELA	EDITURA UNIVERSITATII AUREL VLAICU	378
RATIUNE I MISTICĂ ÎN TEOLOGIA ORTODOXĂ	IOJA CRISTINEL	EDITURA UNIVERSITATII AUREL VLAICU	467
RELIGIA DACILOR	RUDEANU IOAN OCTAVIAN	EDITURA SIGMA	241
RELIGIILE DE MISTER. MISTERELE DIN ELEUSIS. MISTERELE ORFICE. MISTERELE DIONYSIACE	RUDEANU IOAN OCTAVIAN	EDITURA SIGMA	261
SCULE, DISPOZITIVE http VERIFICATOARE	DUMA V. F.	EDITURA UNIVERSITATII AUREL VLAICU	194
SINODUL VIII (ZIS ECUMENIC). HOTĂRĂRILE DOGMATICE ŞI CANONICE	RUS CONSTANTIN	EDITURA UNIVERSITATII AUREL VLAICU	248
SISTEME ÎN METODE DE MANAGEMENT ÎN INVATAMANTUL SUPERIOR	HANAGANU SILVIA	EDITURA UNIVERSITATII AUREL VLAICU	186
SISTEMUL DE ASISTENĂ SOCIALĂ ÎN ROMÂNIA CURS PENTRU STUDENII DE LA PROGRAMUL DE STUDII ASISTENA SOCIALĂ	COSTIN, ALINA	EDITURA UNIVERSITATII AUREL VLAICU	210
STUDIUL MARFURILOR NEALIMENTARE	PACURARIU GHEORGHE, MAXIM OLGA, BARA EVA	EDITURA UNIVERSITATII AUREL VLAICU	180
TEHNICI PROMOTIONALE	ISAC FLORIN	MIRTON	173

TEHNOLOGIA VINULUI APLICĂȚII PRACTICE	MUREAN CLAUDIA	EDITURA UNIVERSITĂȚII AUREL VLAICU	190
TEHNOLOGIE HOTELIERĂ ȘI DE RESTAURANT (VOL I)	LILE RAMONA, BARA EVA, BÎJA MONICA	EDITURA UNIVERSITĂȚII AUREL VLAICU	262
TEHNOLOGIE HOTELIERĂ ȘI DE RESTAURANT (VOL II)	LILE RAMONA, BARA EVA, BÎJA MONICA	EDITURA UNIVERSITĂȚII AUREL VLAICU	244
TEHNOLOGII COMERCIALE	LILE RAMONA, SANGA GRIGORIE, SABAU FLORENTINA	EDITURA UNIVERSITĂȚII AUREL VLAICU	250
TEHNOLOGII COMERCIALE ÎN COMERT, TURISM ÎN SERVICII	LILE RAMONA, SANDA GRIGORIE, SABAU FLORENTINA	EDITURA UNIVERSITĂȚII AUREL VLAICU	254
TEHNOLOGII ÎN CALITATE ÎN PANIFICAȚIE	DIACONESCU DANIELA	EDITURA UNIVERSITĂȚII AUREL VLAICU	282
TEORIA MULȚIMILOR	CHETA, GHEORGHE	EDITURA UNIVERSITĂȚII AUREL VLAICU	165
TEORIA ÎN MĂSURAREA CULORII APLICATĂ LA MATERIALELE TEXTILE	PUȘTIANU M.	EDITURA UNIVERSITĂȚII AUREL VLAICU	130
TESTE GRILĂ PENTRU EXAMENUL DE LICENȚĂ LA PEDAGOGIA ÎN VĂÂMĂNTULUI PRIMAR ÎN PRECOLAR	KELEMEN, GABRIELA	EDITURA UNIVERSITĂȚII AUREL VLAICU	336
THEORETICAL DEVELOPMENTS IN CONTEMPORARY ECONOMICS <a href="#">http</a>	SIMANDAN MATEI (EDITOR)	MIRTON	523
TOPOGRAFIE LUCRĂRI PRACTICE	CALINOVICI IOAN., CĂLINA JENICA	MIRTON	113
TRANSILVANIA ÎN TEATRUL ARADEAN PÂNĂ LA MAREA UNIRE, EDIȚIA A DOUA	LIZICA MIHUT	EDITURA ACADEMIEI ROMANE	375
TURISM RURAL <a href="#">http</a> ECOTURISM	RUSU SERGIU, ISAC FLORIN	EDITURA UNIVERSITĂȚII AUREL VLAICU	170
UNIVERSITY AUREL VLAICU 2007/2008	LIZICA MIHUT	EDITURA UNIVERSITĂȚII AUREL VLAICU	634
WORKING WITH ADVERTISEMENTS: FROM FUNCTIONAL GRAMMAR TO CO-OPERATIVE COMMUNICATION	ADRIANA VIZENTAL	EDITURA UNIVERSITĂȚII AUREL VLAICU	324
BUSINESS ENGLISH TEXTS	PONTA M., HUTIU O.	EDITURA UNIVERSITĂȚII AUREL VLAICU	200

**Books issued by prestigious international publishing houses**

Title of book	Surname, First name of author(s)	Publishing house	Number of pages
APPLICATIONS OF MASS SPECTROMETRY <a href="http://www.springer.com">http</a> LIFE SAFETY	C. POPESCU, A.D. ZAMFIR, N. DINCA, EDS	ED. SPRINGER VERLAG, GERMANIA	238
CHAP. „SUCCES MEANS TO BUILD TOGETHER A STUDY CASE „AUREL VLAICU”UNIVERSITY OF ARAD	LIZICA MIHUT, MIODRAG MILIN	ACADEMIA DE STIINTE ALE EDUCATIEI, SERBIA	16
CHAP. “MATHEMATICAL FUNCTIONS OF A 2D SCANNER WITH OSCILLATING ELEMENTS”, <a href="http://www.springer.com">http</a> MODELING, SIMULATION AND CONTROL OF NONLINEAR ENGINEERING DYNAMICAL SYSTEMS, J. AWREJCEWICZ, ED.	DUMA V.F.	SPRINGER VERLAG, BERLIN, ISBN 9781402087776, PP. 243253	11
MANAGEMENT OF KNOWLEDGE IMPERFECTION <a href="http://www.springer.com">http</a> BUILDING INTELLIGENT SYSTEMS	ROVENTA, E., SPIRCU, T.	SPRINGER, ISBN 9783540774624, <a href="http://www.springer.com/engineering/book/9783540774624">http://WWW.SPRINGER.COM/ENGINEERING/BOOK/9783540774624</a>	253
ORO BLU. LA MEMORIA DEL TERRITORIO	TIGAN EUGENIA	ED. ESEDRA, PADOVA	40

### Patents belonging to the university / Products with right of intellectual property

Title of patent / product	Author of patent / product	Year of patent / product
	Surname, First name	
METHOD FOR DETERMINING AN EMOLIENT EFFECT WITH TEXTILES	LUNGU MONICA	2008

*Professor Florentina-Daniela MUNTEANU PhD., Prorector of research*

### AVU in the leadership of ARoTT

Since last week, “Aurel Vlaicu” University, by its business Incubator represented by Lecturer Grigorie Sanda PhD., is member in the chair of the Romanian Association for Technologic Transfer – ARoTT, a professional organization focused on technological transfer and innovation.

The appointment of this Lecturer from Arad in the position of vicepresident of the association was made at the International Fair of Bucharest, which the business incubator of AVU (accredited for 5 years) has already attended several times.

“One of the major preoccupations of our association is to ensure that the results of scientific research and of technology are transferred to practice,” explains Grigorie Sanda.

(C.A., *Jurnal Arădean*, Year XX, no. 5567, October 16, 2008)

## Numerous scientific projects developed at “Aurel Vlaicu” University

“Aurel Vlaicu” University of Arad is involved in 11 international projects financed from public funds, with a total value for the present year of 98,795 euros. Among the most important projects we should mention: “DOLCETA” – consumer education, “Experimenting and implementing an evaluation matrix of environmental evaluation regarding ecological goods,” “The Ada Nord Lombardia Park,” and “Biosensors for the Monitoring of Environmental Pollutants” – a project managed by Professor Florentina Munteanu PhD.

Furthermore, “Aurel Vlaicu” University of Arad is engaged in a number of projects financed by governmental funds – three PNCDI 2 projects amounting for this year to 110,345 RON, 18 projects CEEEX, whose total value for the year was 920,861 RON, four CNCISIS contracts (value 54,100 RON) and 19 projects financed from private national funds, whose total values amounts to 117,850 RON.

Another project worth 6,200,000 is “UE standard low-floor trolleybuses activated by three-phase inverters and alternating current motors.” In addition, the sum of 730,540 RON was allotted for elaborating a model of management for investment projects aimed at accomplishing a dynamic economic–ecological balance.

The Business Incubator of AVU in the elite of ARoTT

Grigore Sanda, manager of the Business Incubator of AUV, participated last week at a seminar in Bucharest organized by the Romanian Association for Technologic Transfer (ARoTT).

The main aim of the association is to promote and to protect the development of an innovative business environment in Romania, to promote the professional and commercial interests of its members, and to strengthen their professional authority and social prestige in the context of a long-term regional development.

Grigore Sanda PhD, a lecturer at AVU and manager of the AVU-IT Incubator, was elected regional vicepresident of ARoTT, together with Bogdan Ciocănel from the Romanian Institute of Economic-Social Research and Polls – from Bucharest, and Radu Grigore Grosu – from Iași.

In addition, the AVU-IT Incubator is member of the team that won the project “National Network of Education, Stimulation and Promotion of Creativity and of a Right to Intellectual Propriety – RECIPIN.”

The project was accepted within the financing program Capacities, module II, priority domain 9, “Socio-economic and humanistic research” and 9.2.7, “Education for respecting intellectual property rights.” Coordinator of the project is the Technological and Business Incubator of Brașov University, and the other members are: the Technological and Business Incubator of the Polytechnics of Bucharest, the Centre of Technological Transfer of CENTI – Cluj-Napoca, and respectively, the Incubator of “Aurel Vlaicu” University of Arad.

The duration of the project will be three years, starting with this year, and the total budget for the Incubator of Arad is of 110,000 RON. “The project aims to accomplish a comparative study regarding the innovative potential of the firms engaged in the creative industry in the UE and in our country, and to elaborate a methodology for both stimulating the innovative capacity of the firms engaged in the creative industry, and for raising the general awareness regarding the importance of the right to intellectual propriety and implementing it on a nation wide scale. Our goal is to get in touch with the national and international research centers, as well as to elaborate materials for the courses of life-long learning so as to stimulate creative capacity and to promote the right to intellectual property,” says Grigore Sanda. “The first workshop within the project is on October 30-31 in Brașov where, apart from the members of the project team, there will also be present representatives of ANCSs (National Authority for Scientific Research) and respectively, of IMMs (small and medium-size enterprises). For the Technologic and Business Incubator, our representative is the manager of

the AUV-IT Incubator, Sanda Grigore,” explains Professor Lizica Mihaș PhD, Rector of Aurel Vlaicu University.

(Simina Roz, *Observator*, Year XII, no. 3347, October 16, 2008)

## **Pro research**

“Aurel Vlaicu” University of Arad lays a special emphasis on scientific research, being involved both in national and international projects. As the prorector responsible for this domain, Prof. Florentina Munteanu PhD. shows, the university is involved in 11 international projects with a total value of approx. 100,000 euros, 25 projects financed from governmental funds, and 19 other projects financed nationally from private funds.

(C.A., *Jurnal Arădean*, Year XX, no. 5568, October 24, 2008)

## **AVU-IT Incubator, a member in the chair of the Romanian Association for Technologic Transfer - AroTT**

Since last week, the Business Incubator of “Aurel Vlaicu” University of Arad, AUV-IT Incubator is member in the chair of the Romanian Association for Technologic Transfer — AroTT, a non-governmental and non-profit professional organization of units focused of technological transfer and innovation. On the occasion of the International Fair of Bucharest, the representative of AVU-IT Incubator, Lecturer Grigorie Sanda PhD was elected one of the three regional vicepresidents of AroTT.

On the other hand, at the present moment the team of “Aurel Vlaicu” University, with Prof. Florentina Munteanu PhD as coordinator, is involved in 11 international projects financed from public funds, amounting for this year to 98,795 euros. In what regards financing from governmental funds “Aurel Vlaicu” University is involved in: 3 PNCDI 2 projects, 18 projects of Scientific Research of Excellence, and 4 CNCSIS contracts. In addition, there are 19 projects financed from national funds.

(*Flacăra Roșie*, Year II, no. 80, October 19-25, 2008)

## **A “first occasion” for the medical research of Arad – equipment unique in Romania!**

Prorector of “Aurel Vlaicu” University, Alina Zamfir PhD, was awarded First Prize of the Academy of Medical Sciences, for the year 2008, for the discovery of biomolecules analyzed structurally solely by mass spectrometry.

Yesterday, at “Aurel Vlaicu” University’s laboratory of biological mass spectrometry, a latest generation capillary electrophoresis was inaugurated. The device will function under the supervision of a team of top specialists in the field. The value of the laboratory’s equipment amounts to 400,000 euros (a quarter of which is the contribution of the university, and three quarters come from European financing).

According to researchers, mass spectrometry is a research field that Romania should capitalize on, because the Nobel Prize in chemistry for 2002 was awarded for mass spectrometry, and specialists from Arad are in touch with the two laureates who shared that Nobel Prize.

“At the State University of Arad there are three latest generation high performance devices, and I think that in the whole of Romania there is only one similar device, for the use

of a lady academician,” says Prorector of the University, Prof. Alina Diana Zamfir PhD. The inauguration last night of the electrophoresis, in the University’s M Complex, was accomplished with the help of a Dutch company. It is a totally new technique in Romania which, if used to serve medicine, can lead to the discovery of the biomarkers for various diseases.

The laboratory is at the disposition of all medical and pharmacy schools in the country.

“For Romania, it represents a dramatic issue: a serious infusion of funds, the existence of a type of equipment that you kind find in Germany, where I worked as a researcher for 7 years, only there it lies about and nobody uses it. It is as though you bought a 50,000 euro car and then left it in front of your house to rust,” stresses Alina Zamfir. The researcher from Arad has received the First Prize of the Academy of Medical Sciences for 2008, for the discovery of biomolecules analyzed structurally by mass spectrometry, which leads to the identification and high precision treatment of several diseases.

The instrument of capillary electrophoresis set up yesterday in Arad will allow the extension of the research area towards extremely complex native biological mixtures and the discovery of bioindicators, which represents a “hot topic” in present-day world-wide research.

(A.A., *Observator*, Year XIII, no. 3417, January 14, 2009)

## **Top research at AVU**

A team of Dutch specialists was present yesterday at “Aurel Vlaicu” University of Arad, to set up an instrument of capillary electrophoresis, whose value is 75,000 euros.

This represents the last step towards finalizing one of the most performant laboratories of Biological Mass Spectrometry, a research field which is extremely topical today, with applications in biology, biochemistry, medicine and environmental analysis.

“The laboratory was set up in 2007 and represents an investment of over 400,000 euros. It has two latest-generation mass spectrometers, state-of-the-art equipment and instruments, as well as this latest generation capillary electrophoresis, a technology which very few laboratories throughout the world possess,” says Prof. Alina Zamfir PhD, director of the laboratory.

In her turn, Rector of AVU, Prof. Lizica Mihaș PhD. emphasizes the importance of this laboratory for Romanian research and explains what a great joy it is that in AVU there *are* specialists accredited for using such equipment, the results of their work being followed with great interest, especially in the medical field.

(C.A. *Jurnal Arădean*, Year XXI, no. 5637, January 14, 2009)

## **AVU Arad has a latest generation laboratory**

Last week in the Laboratory of Biological Mass Spectrometry of “Aurel Vlaicu” State University of Arad, an instrument of capillary electrophoresis was installed, which will allow the extension of the area of research towards extremely complex native biological mixtures and the discovery of bio-indicators! The equipment in the possession of the Biological Mass Spectrometry laboratory of AVU amounts to 400,000 euros, of which 100,000 is the contribution of the university of Arad, and the rest comes from European financing.

We are faced with an acute need for specialists in the field of mass spectrometry able to use sophisticated equipment and to interpret laboratory data. “For Romania, it represents a dramatic issue: it is a great infusion of funds, which brings into the country a type of equipment that you can find in Germany (where I worked as a researcher for 7 years), only there it lies about and nobody uses them. It is as though you bought a 50,000 euro car and

then left it in front of your house to rust,” says Prof. Alina Zamfir PhD, Prorector of AUV, who was also awarded the First Price of the Academy of Medical Sciences for 2008 for discovering biomolecules by means of structural analysis only, with the help of mass spectrometry. Mass spectrometry is perhaps the most efficient and modern method of analysis in the world, with wide applications in biology, biochemistry, medicine, or environmental analysis. This technique is also the most expensive, which is why few laboratories in the world possess such equipment.

At the State University of Arad there are three latest generation high performance instruments, and I think that apart from them in Romania there is only one other of the kind, uses by a lady academician,” says Alina Zamfir. The laboratory was founded in 2007, its managers being Prof. Alina Zamfir PhD. and Prof. Nicolae Dincă PhD., with Prof. Florentina Munteanu PhD. as main collaborator. Its equipment includes two latest generation mass spectrometers, state-of-the-art laboratory devices and instruments required for the preparation and storage of the tests for special analyses and for the latest generation capillary electrophoresis. The laboratory is available for all medical and pharmacy schools in the country.

### **Slander fund for students in financial difficulty**

The sums that must be paid by those who proclaim non-fundamented slanderous remarks with reference to “Aurel Vlaicu” State University of Arad, or to the teaching staff of the university, will be collected in a fund for those students who are in financial difficulty. “We are not talking here of the institutions or newspapers with which we are having a legal suit, but of natural persons. Legal persons are not penally liable. The funds will be managed by the Students’ League of AVU. We have identified the persons who posted messages on the Internet pages of several newspapers. The slanderous remarks come from three directions and, when those persons were identified, no more slanders appeared about our institution,” declares Prof. Lizica Mihuț PhD, rector of AVU.

The sum required for each law suit by the Arad university is of 1 billion lei, and at present there are several suits being judged.

“We are glad that the university is offering us the possibility to manage these funds. We wish to establish social scholarships for the students with financial difficulties, so that they can continue their studies. There are numerous youngsters who want to attend university but cannot, due to financial problems,” declares Paul Boeriu, president of the Students’ League of AVU and vice-president of the Students’ Union of Romania.

Lizica Mihuț, Rector of “Aurel Vlaicu” University, considers it important that every person who feels slandered – whether a politician, a journalist or a worker – should take a stand, and considers that the University’s undertaking may be a legal precedent in this respect.

(Georgianan Țentea, *Flacăra Roșie*, Year III, no. 91, January 18-24, 2009, [www.romanioliberal.ro](http://www.romanioliberal.ro), 16 January 2009)

### **Research conference**

Last week, AVU Arad, by its Institute of Research in Technical and Natural Sciences and the Technologic and Business Incubator, participated at a very important conference dedicated to research organized in Budapest.

“There were approx. 1500 guests from all over the Europe at the conference, and there were 40 stands. For us, it was extremely important and instructive to be able to see the practical elements presented regarding the preparation of a project and the thematic priorities for this year,” declares Grigorie Sanda, director of the Business Incubator of AVU.

“Research is a domain of maximum interest for every university. Proof of our preoccupation in this direction is the massive investment made to update our laboratories,” says Rector of AVU, Prof. Lizica Mihuț PhD.

## **“Aurel Vlaicu” University offers scientific and financial support to business women in the Western part of Romania**

A project of almost 14 billion old lei, aiming to fight discrimination, is being put into practice at the State University of Arad. The project is part of a much wider initiative, with an overall financing of almost 140 billion lei, of which Arad receives 10%.

Manager of the project “Entrepreneurialship and Equal Opportunities – an interregional model of entrepreneurial school for women,” is Assoc. prof. Ramona Lile PhD., and by its director, Lecturer Sanda Grigorie PhD., the Business Incubator of “Aurel Vlaicu” University also participates in the project. The duration of the project is two years, and activities are organized in the interregional zone Maramureș, Satu Mare, Bihor, Arad, Timiș, Caraș-Severin.

“Practically, we must teach women to earn money, to be business women. We must produce women managers,” says Rector of the University, Prof. Lizica Mihuț PhD.

The general objective of the project is the promotion of equal opportunities in the field of entrepreneurialship, by stimulating the involvement of women in general, and of women living in rural areas, in special, to start and develop their own firms in the context of a durable development of the communities situated along the Western border of Romania.

Ramona Lile says that, apart from scientific support, some of the women can also receive a certain amount of financial support for starting their businesses. “The official opening of the project is on January 30, in Oradea. The total value of the project is 140 billion lei, of which “Aurel Vlaicu” University receives 10%,” declares Mrs. Lile.

As final results, the project offers a training course for nationally certified trainers, i.e. 72 students trained by the initial trainers; a course of entrepreneurial school, with two distinct modules: initiation in business, and development of a business; 1800 women trained in the six counties participating in the project; papers and articles published on the subject of female entrepreneurialship and entrepreneurial development along the Western border of Romania.

(Andrei Ando, *Observator*, Year XIII, nr. 3427, 26 January 2009)

## **Entrepreneurial project at AVU**

At the end of this month will be launched the project “Entrepreneurialship and Equal Opportunities,” a project in which “Aurel Vlaicu” University of Arad will participate.

“The duration of the project is two years, and its total value is over 12 million lei. It is coordinated by the Faculty of Economic Sciences of the University of Oradea,” says Assoc. Prof. Ramona Lile PhD., project director for AVU.

Concretely, the project proposes to train groups of women in the field of business administration, respectively 288 women managers of IMMs, 1,440 women who wish to start their own businesses, and 72 students of economics. “This is a pilot project targeted at the women living in the counties on the Western border of Romania, Maramureș, Satu Mare, Bihor, Arad, Timiș and Caraș-Severin,” says Rector of AVU, Prof. Lizica Mihuț PhD.

(*Jurnal Arădean*, Year XXI, no. 5648, January 27, 2009)

## **AVU Arad present at Budapest on the “Day of Proposals”**

Since “Aurel Vlaicu” University of Arad has an Institute of Technical and Natural

Sciences, respectively, a Technologic and Business Incubator, representatives of the university of Arad participated at the Conference “Information and Communication Technologies, Day of Proposals,” organized in Budapest on January 22. The conference has as main objective a wide-scale dissemination of the “Program Framework 7”, regarding the rules and elaboration procedures of project proposals so that they should cover the priority objectives of the program. The conference activities were organized by seven sections, with a compact program of 11 hours, in which general information was offered regarding each priority and subject specifically. The conference was attended by approx. 1500 persons from all over Europe, representatives of different universities, research institutes, companies involved in research, as well as officials from the European Communities. For the participants from AVU, the conference was an opportunity to receive information regarding types of support actions, the proactive objectives and actions of the Program Framework 7, and at the same time, an occasion to make themselves known in the wide sphere of the international scientific community.

**(Georgiana Țentea, *Flacăra Roșie*, Year III, no. 93, February 01-07, 2009)**

## **“Aurel Vlaicu” University in AntrES**

### **PROJECT FINANCED FROM STRUCTURAL FUNDS**

A partner in the project financed from the European Social Fund “Invest in people,” AVU participated at the visibility conference targeted “Entrepreneurialship and Equal Opportunities AntrES,” aimed to become an inter-regional model of entrepreneurial school for women.

From “Aurel Vlaicu” University, there participated: Assoc. prof. Marian Spânu PhD., Assoc prof. Ramona Lile PhD., Lecturer Mihaela Iacob PhD candidate, lecturer Grigorie Sanda PhD candidate, lecturer Mioara Pantea PhD candidate, lecturer Florentina Sabău PhD candidate – from the Faculty of Economic Sciences, and Prof. Anton Ilica PhD. and Assist. Gabriela Kelemen PhD. – from the Faculty of Educational Sciences and Social Assistance.

The project AntrES involves seven counties located on the Western border of Romania, the duration of the project being two years and the financing 12 million RON. Its purpose is to generate business that should involve women from urban, and especially from rural areas. A number of 1800 women will be trained in the field of business, and support will be given to another 1400 women for starting their own businesses.

Territorial coordinator, Assoc. prof. Ramona Lile PhD, from the Faculty of Economic Sciences, declares: “The training performed by Prof. Anca Dodescu PhD, the project’s manager and Dean of the Faculty of Economic Sciences of the University of Oradea, was aimed at establishing the algorithm for implementing the project, as well as to efficiently and effectively finalize it. The know-how of the team members, their previous experience, the dedication and dynamism of the participants, are a guarantee for the project’s success, and I’m sure that, in two years, the business environment in Arad and the other counties along the Western border will have a different configuration and a successful trend.” AntrES represents an optimal occasion for “Aurel Vlaicu” University to stimulate the involvement of women in business, so that they can enjoy equal entrepreneurial opportunities.

“AntrES is a wide-scale project, involving all the Western counties of Romania. It aims at supporting women to initiate successful businesses. I do not believe in discrimination, and the support that “Aurel Vlaicu” University can offer women is considerable, the Faculty of Economic Sciences being the best adviser in this direction”.

**(Prof. Lizica Mihuț PhD., Rector of “Aurel Vlaicu” University, Territorial coordinator for AntrES, *Observator*, Year XIII, no. 3433, February 02, 2009)**

## **A project for 1800 women, from the State University**

The Rector of Arad's State University, Prof. Lizica Mihuț PhD., has launched an invitation to the business women of the city and county of Arad to participate in the project AntrES, which finances businesses lead by women (married or unmarried).

“The European Union has put up a financing for the Western zone of Romania. It is probably one of the most important projects on structural funds, aimed at providing equal opportunities,” points out the Rector.

The project will have the following concrete results:

- a nationally acknowledged training course for trainers, involving 72 female students trained to be trainers
- a course of entrepreneurial school, with two distinct modules: initiation in business and business development
- 1800 women trained, from the six counties participating in the project; papers and articles published on the subject of female entrepreneurialship and the entrepreneurial development in the Western regions of Romania.

The AntrES project represents an optimal occasion for “Aurel Vlaicu” University to stimulate the involvement of women in business, so that they can enjoy equal entrepreneurial opportunities.

(A.A. *Observator*, Year XIII, no. 3437, Friday, February 06, 2009)

## **A 14 billion lei project**

On the last day of January, at Oradea, AntrES launched the project “Entrepreneurialship for Equal Opportunities”, a project involving the six Western counties of Romania, and in which AVU is major participant.

“Practically, by this two year project, we must train women to earn money, to become business women. The total value of the project is approx. 140 billion old lei, of which 10%, (i.e. 14 billion lei) go to our university,” says Rector of AVU, Prof. Lizica Mihuț PhD.

The Rector also showed that the project has three stages. The first involves the training of 72 nationally certified trainers, selected from among students in the specialized domain; the second stage offers a course of entrepreneurial school; the third, targets the training of 1800 women in the field of entrepreneurialship.

“We must emphasize the fact that this project has a very important practical purpose, some of the business plans of our trainees receiving the necessary financing,” concludes Rector of AVU. Prof. Lizica Mihuț PhD.

(C.A., *Jurnal Arădean*, Year XXI, no. 5657, February 06, 2009)

## **AVU Arad fights for equal opportunities!**

On January 31, the start was given to the project “Entrepreneurialship and Equal Opportunities. An inter-regional model of school for women.” The project is coordinated by the Faculty of Economic Sciences of the University of Oradea, with “Aurel Vlaicu” University of Arad as regional partner in the project. Project director for AVU is Assoc. prof. Ramona Lile PhD., Head of department at the Faculty of Economic Sciences, and lecturer Sanda Grigorie PhD, director of the Business Incubator of AVU is also project member. The project has a duration of 2 years, and activities involve the inter-regional zone Maramureș, Bihor, Arad, Timiș, Caraș-Severin. The project, whose total value is 140 billion lei (of which 10% comes to the University of Arad), has as a general objective the promotion of equal

opportunities in the field of entrepreneurialship, by stimulating the involvement of women in general, and of women from rural areas, in special, in initiating and developing their own businesses in the context of a durable development of the communities located along the Western border of Romania. “Practically, we must teach women to earn money, to be business women. We must create women managers,” says Rector of AVU Arad, Prof. Lizica Mihuț PhD. With this project, women will receive not only scientific assistance, but may also get financial support for their businesses. The project’s results include a training course for nationally acknowledged trainers, involving 72 female students trained to be trainers; a course of entrepreneurial school with two distinct modules: initiation in business and business development; 1,800 women trained, from the six counties participating in the project; papers and articles published on the theme of female entrepreneurialship and entrepreneurial development in the Western regions of Romania.

On February 3, 2009, at the proposal of Rector Prof. Lizica Mihuț PhD., the Senate of “Aurel Vlaicu” University of Arad voted unanimously that the decision of declaring Mr. Gheorghe Falcă, Mayor of Arad, PERSONA NON GRATA, be revoked. The reason for this is the fact that, in the recent months, the Mayor of Arad has not shown any hostility with regards to “Aurel Vlaicu” University. “Our unswerving trust is only in God. Our institution will continue to have the same policy, a policy dedicated to Romanian education. We will always say who is helping us and who is against us, whether they are politically right or left winged. If the Mayor’s institution supports us and respects us for the endeavors of the entire academic community, we will sing his praise. And if his actions are directed against the “Aurel Vlaicu” University, we will also speak up, loud and clear and responsibly,” shows the communiqué of the AVU Senats. In addition, Rector Prof. Lizica Mihuț PhD. insisted that by the act of revoking the PERSONA NON GRATA decision for Mr. Gheorghe Falcă, the bases are laid for future projects to attract European funds, jointly by AVU Arad and the Mayor’s Office of Arad.

Dumitru, *Flacăra Roșie*, Year III, no. 94, February 8-14, 2009)

### **Cristian Podea, a noteworthy transfer for C.S. “Aurel Vlaicu” University!**

The leader of the Western series of the second league at rugby acquired a new valuable and experimented player. Podea, ex-player for the national team, has played along his career for the “U” Cluj, for Dinamo Bucharest, CSM University Baia Mare, and he also played with a French team.

The coach of Arad’s rugby team, Ovidiu Șerban, is at his second hit on the transfer market this season, so that in spite of the financial difficulties that Romanian sports in general has to cope with, Arad’s university team is getting stronger in view of the promotion barrage for the National division. After having acquired a national league player, in the person of Mădălin Lemnaru, C.S. “Aurel Vlaicu” University has transferred another valuable player, a former “international”, and ex-component of the junior and senior national teams. “We are talking here of Cristian Podea, who plays as half, a valuable player, highly skilled and with great experience, a player who has a very good image of the game. He’s 30 years old, he played in the national team, and in the last 4 years played for a club in France and in Baia Mare, from where we are transferring him now. It is probable that in the future he will be called up again for the national team, because he is a valuable sportsman. I now have two very good players for this position, Podea and Daniel Stoica,” says coach Ovidiu Șerban. This season of the National Division the “half” Podea played for CSM U Baia Mare, his last game being in November 2008, in the game with RCM Timișoara, which ended with a score of 53-0.

In view of the friendly game with first-divisionary University Cluj, on 20 and 28 February, Podea (born: February 22, 1979, height: 1.73 and weight: 89 kg) joined the training

sessions of the team of Arad which, on Saturday, on the CPL sports ground, had its first school-game in the family: “The boys moved very well for this stage, I really liked the way they played in the first half. I split up the lot into two teams and it was quite all right, for a beginning.” In the end, Șerban set up a friendly “double” with the first-divisionary University Cluj-Napoca: “On February 20 we go to Cluj, and on the 28<sup>th</sup> they come to Arad, for another friendly game. For this weekend (13-14 February), we are trying to set up another game, we don’t know yet who’s available for it. We must move fast because the retour begins on March 7 and we need several ‘friendlies’ before that,” says the technician of Arad’s team.

(S.H., *Observer*, Year XIII, no. 3440, February 10, 2009)

## **The Romanian Society of Mass Spectrometry has its headquarters in Arad, at “Aurel Vlaicu” University**

“Aurel Vlaicu” University of Arad is member of the Romanian Society of Mass Spectrometry and, in its specialized laboratory set up in the M Complex, is working on projects whose value exceeds 1 million euros. President of the Society was elected Prof. Alina Zamfir PhD. from “Aurel Vlaicu” University, vice-president is Prof. Ioan Oprean PhD. from “Babeș-Bolyai” University of Cluj, and scientific director was named Prof. Nicolae Dincă PhD., also from “Aurel Vlaicu” University. It was decided that the headquarters of the Society be in Arad, given the fact that here, within AVU, there functions a Centre of Mass Spectrometry with exceptional international visibility. For the first time in Romania, “Aurel Vlaicu” University (by the university’s President, Nicolae Dincă, and Prorector Alina Zamfir) published a scientific article whose international visibility impact is 6. The quality of a research paper or article is quantified in a figure, which reflects the amount in which the respective paper was quoted by specialists in an interval of two years. The impact of most serious Romanian specialty articles is generally lower than 0.5.

The centre of Arad, whose leader is Alina Zamfir, consists of ten researchers. The group is winner of four national and two international projects. In only two years, 15 papers were printed in publications whose impact factor is between 2 and 6, a volume on mass spectrometry was published by Springer Verlag Publishing House (Germany), and its members presented, as plenary speakers, about 50 lectures or poster presentations at specialty conferences in Germany, Austria, Norway, Russia, Switzerland, France, Croatia, and the USA, and the group is also winner of four international awards.

“We even won a NATO project, on which “Aurel Vlaicu” University works together with the most eminent specialists in the world, including a German professor whose name was proposed for the Nobel Prize,” says Prof. Dincă PhD.

Mass spectrometry is the most performant method in chemistry for analyzing chemical substances. It is sensitive, fast, it can determine new structures, perform comparative studies, by accelerating certain particles and deviating them in field. “We are in high demand for European projects. In Romania, only the Romanian Academy possesses equipment as we have here in Arad. As for the team, researchers as we have are to be found nowhere else. Our laboratory is oriented towards top-level research,” concludes Nicolae Dincă.

(Andrei Ando, *Observer*, Year XIII, no. 3479, March 27, 2009)

## **Training courses for women-entrepreneurs**

The Faculty of Economic Sciences of “Aurel Vlaicu” University of Arad, as territorial coordinator, is working, in partnership with the University of Oradea, the National Agency for Equal Opportunities for Women and Men, the University of the West of Timișoara, the University of the North of Baia Mare, the “Eftimie Murgu” University of Reșița, the

“Commercial Academy” Foundation of Satu Mare, and the Romanian Scientific Society of Management, on a project whose theme is: “Entrepreneurialship, Equal opportunities. An inter-regional model of entrepreneurial school for women.”

The opening of the training course is on Friday and Saturday, and the courses will have a duration of 10 weeks, between April 3 and June 27.

For the six Western counties, 72 students of economics will take part in the training, 12 of them being students in the final year of “Aurel Vlaicu” University. The training has two stages: a course of training trainers, followed by an entrepreneurial school.

The training course for trainers consists of 100 hours, after which attendants receive a graduation certificate acknowledged by the Ministry of Labor and the Ministry of Education.

“The university is no longer an ivory tower; it is profoundly involved in the community’s problems,” says Rector Prof. Lizica Mihaș PhD.

At the end of the project, the graduates of the course will get a job as trainers in initiating a business, respectively, as consultants for initiated a business,” says Assoc. prof. Ramona Lile PhD.

(Andrei Ando, *Observator*, Year XIII, no. 3485, April 03, 2009)

## **Eminent German scientist at AVU!**

An eminent German scientist in biochemistry is visiting for two weeks the laboratory of mass spectrometry of “Aurel Vlaicu” University where, together with local researchers and students, she will be working on several ambitious projects. As Rector of AVU, Lizica Mihaș, shows, at the age of only 39, the name of Daniela-Gabriele Seidler, from the Institute of Physiological Chemistry and Patobiochemistry of the University Wilhelm de Westfalia from Munster, is prominent in the field of biochemistry.

Daniela Seidler is founder of a research group in the field of proteoglycan analysis. Their partnership with the mass spectrometry group of AVU, headed by Alina-Diana Zamfir, produced important achievements, recognized and quoted by specialized publications with a high impact factor. Last year, students from AVU performed research stages in laboratories in Munster, and they managed to publish there papers in prestigious magazines printed by Springer Verlag. The studies performed in Munster and Arad have application in medicine. As final conclusion, the researches aim to solve certain pathologies – inflammatory diseases, delayed scarring, etc.

The German researcher was pleasantly impressed by the laboratories of “Aurel Vlaicu” University, equipped with latest generation devices and instruments.

(F.G., *Observator*, Year XIII, no. 3496, April 16, 2009)

## **Top level research**

For two weeks, thanks to the presence in Arad of Prof. Daniela Seidler PhD, from the Institute of Physiological Chemistry and Patobiochemistry of the University Wilhelm de Westfalia, from Munster, Germany, top-level research in the field of mass spectrometry will be undertaken at “Aurel Vlaicu” University. It is not a beginning, it is a natural sequel to the fruitful cooperation between researchers from Arad, headed by Prof. Alina Zamfir PhD., and the group of researchers from Germany, headed by Prof. Seidler PhD., a cooperation of two years which produced joint researches and exchanges in Germany and in Arad. This joint venture, which is extremely prolific for the research in the field of biochemistry, is possible thanks to the state-of-the-art laboratory owned by the University of Arad, which researchers can benefit from. A laboratory which, according to the university Rector, Prof. Lizica Mihaș PhD., represents one of the major investments, and which enables researchers to attain

European standard performances.

(M.A., *Observator*, Year XIII, no. 3496, April 16, 2009)

## **Courses for business women**

Business women, or women who want to set up their own business, can get trained within the project “Entrepreneurialship and equal opportunities” proposed by the Faculty of Economic Sciences of “Aurel Vlaicu” University, in partnership with the universities from five more counties located in the West of Romania. In a first stage, 12 students from this faculty of Arad, selected on the basis of a test of skills and an interview, will participate in a ten week training course to become trainers, then they will attend the courses of an entrepreneurial school. After graduating, they will function as trainers for women who wish to enter the world of business. The courses will be free of charge, the candidates being selected on the basis of their dossiers, the best among them will be supported financially to start their own firms. The funds destined for this project amount to 12,500,104 lei and come from the European Social Fund “Invest in people.”

(M.A., *Jurnal Arădean*, Year XXI, no. 5720, April 22, 2009)

## **Project ANTRES**

The Faculty of Economic Sciences of “Aurel Vlaicu” University, Arad, accepts applications for the Entrepreneurial school of business women, or women who wish to set up a business.

Applications are accepted between April 28 and May 8, 2009.

Additional information on [www.antres.ro](http://www.antres.ro) or telephone numbers: 0730-585918; 0723-585908; 0744-191204.

(*Observator*, Year XIII, no. 3501, April 24, 2009)

## **Project aimed at training and providing professional assistance to medical nurses**

The Association of Training and Counseling of Nădlac, in partnership with the Order of General Medical Nurses, Midwives and Medical Assistants of Romania (OAMGMAMR), Arad Branch, and “Aurel Vlaicu” University of Arad, has launched the project “Department of training and professional assistance in the field of health services DeFAPDoS”.

Beneficiary of the project is the Association of Training and Counseling of Nădlac, the project being co-financed by the European Social Fund. “*The period of implementation of the project is 12 months, beginning with March 2009, and it targets general medical nurses from the medical offices of schools and hospitals, eager to improve their knowledge of specialty, as well as to acquire new knowledge regarding communication in English and professional counseling. The subjects of the training courses in the field of general medical nurses follow the code COR 322101*”, says Mihaela Indricău, project director.

The courses consist of the following modules: Protection, health and labor safety; Food hygiene and safety – food additives; The role in the profession of the medical nurse and children’s protection; Techniques of the specialty specific for the medical nurse in the sanitary sector. To these, we have added the courses: Career orientation and counseling; Communication in English.

The teaching will take place in the classrooms and IT labs of the M University

Complex of 2 Elena Drăgoi St. of “Aurel Vlaicu” University Arad, as well as the classrooms set up in the County Clinical Hospital of Emergencies of 1 Calea Victoriei St.

A first informational meeting with a group of course attendants was followed, in April 2009, by the course “Career counseling and orientation.”

*“The course, which is free of charge, targets a group of 100 general medical nurses from the medical offices of schools and hospitals,”* explains Mihaela Indricău.

(C.P., *Observator*, Year XIII, no. 3509, May 06, 2009)

## **Women in business**

Mayors, deputy mayors, and teaching staff from the “A. Vlaicu” University of Arad, participated today at the launching of the project “Entrepreneurialship and Equal Opportunities”.

“We are glad to be partners in this project, to be able to offer women the opportunity to improve their skills, or to get initiated in the world of business,” says Rector of the University, Prof. Lizica Mihuț PhD. In this way, 48 women – of which half come from rural areas – will be selected and trained to become managers.

Local centers will be set up in Arad county, in the towns of Chișineu Criș, Ineu, Pecica and Lipova, each of them having three adjacent rural centers. The only condition for being selected is to be a woman aged above 18. The deadline for applications is May 25, selection will take place on the 27, and results will be announced on May 31.

“We are trying to get to know our candidates as well as possible and, to be really efficient, we’ll take into consideration the specificity of each zone,” says Assoc. prof. Ramona Lile PhD., territorial coordinator.

(M.A., *Jurnal arădean*, Year XXI, no. 5741, May 19, 2009)

## **Only nine sports projects financed by the County’s Cultural Centre**

The County’s Cultural Centre has allotted, for the first session of this year, a modest amount of money for the sports of Arad, the 150,000 lei being split up among nine sports projects. 39 of the 48 projects submitted did not get the minimal number of points required or were not complete (so that they were included not in the calendar at all!)

The highest amount of money was given to the project “Importance of rugby as a means of education and development” of the Sports Club of “Aurel Vlaicu” University Arad, financed with 50,000 lei – a welcome support in conditions where the rugby team is but one step away from promotion into the National Division; there followed the project “Re-launching of male handball in Arad” of the Sports Association Handball Club Arad, which received 25,000 lei, and “Admission, training and participation in the National Championship of male volleyball of the A2 Division”, of the CS Pro Volleyball Arad, which received 20,000 lei. The other six projects which passed the auction are “National Championship Super-league – Water polo” – 20,000 lei; “Final of the National Championship for seniors Arad” – 13,000 lei; “Individual National Championship for juniors II – Botoșani” – 7,000 lei; “The International Tournament for Greek-Roman wrestling – Memorial Roman Codreanu” – 7,000 lei; “The Ziridava Cup, basketball in wheel chairs” – 5,000 lei; and “Moto Cross” – 3,000 lei. But as director of the County’s Cultural Centre, Ana Măria Dumitrean, says, the sports will be allotted more money in 2009: “At the middle of this year, probably in June, another session is organized, with a amount of 400,000 lei. Thus, sports will receive a total sum of 550,000 lei.”

Thus, rugby receives the highest support – 50,000 lei, followed by handball, volleyball and water polo. Female basketball, the highest performer in Arad in the recent years, did not receive any money at all!

The most serious blow of the May 13 auction (results can be found on the site [www.ccja.ro](http://www.ccja.ro)), was given to BC ICIM Arad, seven times national champion, whose project was rejected on account of not totaling the minimal number of points required, a strange observation in conditions in which the criterion regarding performance had a great weight in the auction – a fact confirmed by CCJA’s director! Arad’s highest performer in recent years, female basketball (the project’s name was “Promotion of sports and of the Arad female basketball in Romania”) is thus left empty handed after this session: *“The criterion of performance was not decisive in establishing the number of points. We thought that a much greater support need those sports which are financially in difficulty, or those which are doomed to perish. No further rectifications are possible, nor can the clubs contest results, as the deadline is already over”*, says Ana Măria Dumitrean. Under the circumstances, ICIM expects at least some support from the Mayor’s office, whose support also made it possible for the team to participate in the preceding two European seasons.

(*Observator*, Year XIII, no. 3520, May 19, 2009)

## **The greatest researcher in the field of flax is coming to Arad, to attend the Conference of the state University!**

Under the patronage of FAO Escorena, an international Conference on the subject of natural fibers is held between June 22 and 24 at “Aurel Vlaicu” University.

After having hosted two years ago a world congress in the field, now the state university of Arad will be the host of an International Conference, where 33 researchers of distinction have announced their presence, among them Ian Allan, considered to be the greatest researcher in the world in the field of flax.

The venerated Egyptian researcher (aged over 90) promised that he will deliver at AVU the last conference in a career of over 60 years! The conference will also be attended by representatives of the Ministry of Agriculture. The event will be televised and posted on the Internet page of the UNO, until the end of the year. It is hoped that, in a number of years, and as a result of these events, the headquarters of FAO Escorena will be moved from Postdam (Poland) to AVU.

Cecilia Sîrghie and Dorina Chambre, as representatives of AVU, assured us that, apart from the technical exchange of ideas among specialists, the conference will also have interesting moments for the public at large. Thus, at 5 p.m. on Monday, at the M Complex Micălaca of the University, there begins a fashion show, with clothes made exclusively of natural fibers (flax, hemp). The collections presented belong to AVU, but also to the Ellis fashion house, and a fashion designer from Poland will also present her work. At Miniş and Şiria, a Romanian evening will be organized, so that the foreign guests have the opportunity to get acquainted with Romanian traditions. There will also be a wine tasting, as well as a ride by the Green Arrow in Ghioroc, where a folk show will be presented.

The event is heartily supported by local authorities: the County Council, probably the Mayor’s Office of Arad, the Mayor’s Offices of Pecica, Şiria and Ghioroc. “I’m very pleased to see for the first time that local authorities get involved and support us. We’ll invite all the local officials to the opening of the events,” says Rector Lizica Mihuţ.

(*Flavius Ghender*, *Observator*, Year XIII, no. 3544, June 16, 2009)

## **“Aurel Vlaicu” University and the European project “Dolceta”**

The European Commission, by DG SANCO (General Director for Health and Consumer Protection) supports and implements in the 27 member states of EU the project

DOLCETA – Developing On Line Consumer Education Tools for Adults, abbreviated to “Online Consumer Education”. “Aurel Vlaicu” University of Arad, by Prof. Dorin Herlo PhD., is the national coordinator of the project.

The project is meant to develop an e-learning system of consumer training and education, mostly by the public site [www.dolceta.eu](http://www.dolceta.eu), which facilitates the development of skills required for comparing products and market services, for making decisions about possible acquisitions, and for defending one’s legitimate rights as consumers. The project is targeted at trainees of all ages (children or adults), from ordinary people to teachers and trainers.

At present, the public site includes four modules.

The first two modules – Consumer rights and Financial services – are structured into three levels (for the non-initiated, for those whose knowledge is not very thorough, and for the competent user), and each level consists of sections and subsections, with articles and information, followed by examples and tests (quizzes).

Module 3 – Consumer safety – trains the user in acquiring competence in getting informed and in learning about the legal aspects pertaining to product safety and security, categories of products, dangerous imitations, conditions of safety regarding household and gardening goods, or goods used at the workplace, on public roads, or in one’s spare time, as well as advice and consulting: e.g. see the case study regarding intoxications.

Module 4 – Teacher’s corner – offers possibility to trainees from primary, secondary or high school education, as well as to adults, and especially to educators, teachers, institutors, trainers, etc., to learn on-line, using teaching tools designed for this module in the sphere of financial management, consumer safety and health, consumer responsibility, or consumer services.

Three further modules (on which the members of the team are working at present) will be uploaded by 2010 – “Sustainable consumption”, “Services of general concern” and “Financial initiation” – targeted at educators of all categories, from children below the age of 12, through youngster over 12, to adults.

Accessing the site [www.dolceta.eu](http://www.dolceta.eu), Romania, you choose knowledge over ignorance.

## **The Design section of “Aurel Vlaicu” University, Arad, presented its collection “Elina”**

The state university “Aurel Vlaicu” of Arad hosts these days the International Conference FAO–SCORENA, on the subject of natural fibers. Within the Conference, a “Fashion Show” was presented yesterday, where teachers and students from the Design section presented their creations.

Two years ago, the state University “Aurel Vlaicu” hosted a World Congress in the domain of natural fibers; since yesterday and for three days, it is the host of an International Conference, with a participation of 33 world-famous researchers from Lithuania, Poland, Serbia, Germany, Hungary and Romania, as well as representatives from the Ministry of Agriculture.

At 9 a.m. yesterday the Conference began with an opening section in the M University Complex, then the works of the conference started, in several sections.

Of great interest for the participants, as well as for the wide public interested in the event, was the “Fashion Show” organized in the M Complex of the university. The fashion models from Prima Models presented clothes made exclusively of natural fibers (flax and hemp), a collection produces by members of the university (collection “Elina”), by the Ellis fashion house of Arad, by Tina Prodan, and by the designer Yolanda Zalecka from Poland. The designers of the “Elina” collection are Professors Lacrămioara Ionescu and Claudiu

Ionescu, and students Codruța Horne and Loredana Roșea.

“The items in our collection are made exclusively of materials produced within a research project in which participated: “Aurel Vlaicu” University of Arad, Fi-Ri Vigonia Society of Timișoara, the Technical University of Iași, the Institute of Research for Textiles of Bucharest, Fibresin Iași and Laceca Bucharest. For the clothes we designed, we used textiles made of fibers produced within this project, by application of two licensed technologies. Of these fibers, the members of the project produced both woven and knitted fabrics. For this collection we only used woven fabrics,” explains Engineer Cecilia Sîrghie PhD, director of the Institute of research “Development—Innovation in Technical and Natural Sciences” of “Aurel Vlaicu” University.

At the presentation, apart from the researchers attending the Conference, there also participated professors and students, as well as citizens of Arad interested in the domain. For almost two hours, the presentations of the four collections delighted us by the elegance and simplicity of the attire. And even if the collection of the “Design” section was partially made by students, they were of great sophistication, as if the young creators were already old and well established in the field. The designers of Arad have declared their intention of launching a new collection as soon as possible, perhaps in early September. *“The collection presented today (r.n. yesterday) consists of fabrics made within a research project. In our next collection we aim to include woven fabrics also”*, explains Cecilia Sîrghie.

Today and tomorrow, the International Conference continues with a series of scientific sessions, debates and presentations. This afternoon, the participants are invited to Șiria, for a wine tasting, followed by a visit to “Ioan Slavici” Museum. In the evening, a ride by the “Green Arrow”, in the museum “First electrical train” in Ghioroc is planned. Then, the foreign researchers can enjoy a “Romanian evening” with folk shows, so that they can get acquainted with Romanian traditions. The event will be televised and posted on the Internet page of the UNO till the end of the year.

(Simina Roz, *Observator*, Year XIII, no. 3549, June 23, 2009)

## **Training and professional assistance project in health services**

The Training and Counseling Association of Nădlac, in partnership with the Order of General Medical Nurses, Midwives and Medical Assistants of Romania, Arad Branch, and “Aurel Vlaicu” University of Arad, has launched the project “Department of training and professional assistance in the field of health services DeFAPDoS”.

*“One of the project’s major concerns was the accreditation of the courses by the National Council of Professional Training for Adults (CNFPA). The courses are: Protection, health and labor safety; Food hygiene and safety – food additives; The role in the profession of the medical assistant and children’s protection; Techniques of specialty specific for the medical nurse in the sanitary sector; Communication in English,”* explains Mihaela Indricău, project coordinator.

At present, our students attend the course “Food hygiene and safety – food additives,” they are getting initiated in English within the module “Communication in English,” and workshops are being organized on the subject of career counseling and orientation. The training sessions take place at the M University Complex of “Aurel Vlaicu” University, in the conference room COI.

“The training courses employ new methodologies of professional formation, implementing elements of theory with practical exercises aimed at attaining the goal proposed for this project, namely: facilitating the social integration of people in accordance with their professional aspirations and with the need of the labor market; the training of human resources capable to enhance the competitiveness of the labor force; updating knowledge and improving professional training in the basic profession, as well as in related professions,” says Mihaela Indricău.

