Prof.univ. Dr.Ing. MARIANA NAGY

Curriculum vitae Europass

Personal information

Surname(s) / First name(s)	**NAGY MARIANA**
Address(es)	Str. Marasesti no.13, 310032 Arad, Romania
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Nationality	Romanian
Date of birth	20.10.1962
Gender	Female

Desired employment / Occupational field

(remove if not relevant, see instructions)

Work experience

30 years

Dates	**At present**
Occupation or position held	Full professor at "Aurel Vlaicu" University, Arad, Faculty of Exact Sciences
	Dean of the Faculty of Exact Sciences
	Vice-president of The Regional Center for Innovation and Technology Transfer "Tehimpuls"
	Representative of "Aurel Vlaicu" University in IT&C CLUSTER
Main activities and responsibilities	Teaching and research activities
	Manager, organizer, EU project management
	Teaching, Management and Quality assessment activities
Type of business or sector	Education

Dates	**2008-2012**
Occupation or position held	Full professor at "Aurel Vlaicu" University, Arad, Faculty of Exact Sciences
	Head of the Department of Mathematics and Computer Science
	Vice-president of The Regional Center for Innovation and Technology Transfer "Tehimpuls"
	Representative of "Aurel Vlaicu" University in IT&C CLUSTER
	Member in the University Senate
	Member of the Academic Commission
	Member of the Quality Assurance team
Main activities and responsibilities	Teaching and research activities
	Manager, organizer, EU project management
	Courses: Databases, Computer Systems in Accounting, Advanced Data Analysis, Decision Support Systems
	ECDL – trainer and examiner
	Management and Quality assessment activities
Type of business or sector	Education

Dates	**2004-2008**
Occupation or position held	Full professor at "Aurel Vlaicu" University, Arad, Faculty of Exact Sciences
	Vice/dean of the Faculty of Exact Sciences
	Quality manager of "Aurel Vlaicu" University of Arad
	Vice-president of The Regional Center for Innovation and Technology Transfer "Tehimpuls"
	Representative of "Aurel Vlaicu" University in IT Club

Main activities and responsibilities	Teaching and research activities, Manager, organizer, EU project management
	Responsible for the implementing of the quality system in the university
	Course manager within the LLL Center
	Manager for master courses / Applied computer courses for economists
	Courses: Databases, Computer systems in finances, Advanced data analysis, Audit of computer system (collaboration)
	ECDL – trainer and examiner
Type of business or sector	Education
Dates	**1998-2004**
Occupation or position held	Associate professor, than full professor at "Aurel Vlaicu" University, Arad, Faculty of Economics
	Head of department, Vice-Dean than DEAN, member in the Senate
Main activities and responsibilities	Manager, Manager of the LLL Center of the university
	Teaching and research activities
	Course manager within the LLL Center / Computer's application in economics, International Relationships
	ECDL – trainer and examiner
Type of business or sector	Education
Dates	**1996-1998**
Occupation or position held	University lecturer at "Aurel Vlaicu" University, Arad
Main activities and responsibilities	Teaching computer science applied in economics, Teaching CAD for engineers
	Responsible for International relationships
Type of business or sector	Education
Dates	**1994-1996**
Occupation or position held	University lecturer at "Vasile Goldis" University, Arad
Main activities and responsibilities	Teaching, System engineer
Type of business or sector	Education
Dates	**1992-1994**
Occupation or position held	Engineer
Main activities and responsibilities	Member of the founding and organizing team at SC "Sanevit" SA, Arad
Type of business or sector	SME producing syringe
Dates	**1988-1992**
Occupation or position held	Research engineer
Main activities and responsibilities	Research engineer at "ICSITMU" Research Institute, Bucharest, subjects: machine-tools – design and programming
Type of business or sector	SME and research institute
Dates	**1985-1988**
Occupation or position held	Software engineer at Railway Engines' Works, Drobeta-Turnu Severin
Main activities and responsibilities	Software design and implementation
Type of business or sector	SME producing railway engines

Education degree and Qualification

Dates	**1980 – 1985**
Title of qualification awarded	Engineer, recommendation for further research activity
Name and type of organisation providing education and training	Timisoara, "Traian Vuia" Politechnical University, technical studies, Specialty "Automation and Computer Science"
Dates	**1988 – 1990**
Title of qualification awarded	Different types of qualification in programming, IT and research
Name and type of organisation providing education and training	Bucharest, Arad, Timisoara
Dates	**1990-1993**
Title of qualification awarded	Different Language courses, English, Italian
Name and type of organisation providing education and training	International House, Arad, Timisoara
Dates	**1993**
Title of qualification awarded	Company management
Name and type of organisation providing education and training	Penta Group Co., Italy, training

Dates	**1991-1996**
Title of qualification awarded	**PhD** in engineering
Name and type of organisation providing education and training	Timisoara, "Traian Vuia" Politechnical University: PhD thesis on data processing related to **solar energy** storage and measurements
Dates	**1992-1999, 2002**
Title of qualification awarded	Different attestations as trainer, including ECDL trainer and examiner
Name and type of organisation providing education and training	Bucharest, Timisoara, Arad,
Dates	**2001- 2002**
Title of qualification awarded	Certificate
Name and type of organisation providing education and training	Arad, "Aurel Vlaicu" University, Post-university studies: International Economic Relationships
Dates	**2002**
Title of qualification awarded	Certificate, Training Program, sem. 1 and 2
Name and type of organisation providing education and training	Arad, Cisco Academy
Dates	**2004-2006**
Title of qualification awarded	Master diploma
Name and type of organisation providing education and training	Arad, "Aurel Vlaicu University", Master courses on management in administration
Dates	**2005, 2008**
Title of qualification awarded	Certificate of QMS Auditor, Lead auditor for ISO 9001:2001, ISO 9001:2008
Name and type of organisation providing education and training	Bucharest, Simtex-OC
Dates	**2007, 2002**
Title of qualification awarded	Certificate
Name and type of organisation providing education and training	Arad, International Summer University on Information management in fuzzy systems / Communication and Interculturality
Dates	**2009, 2011**
Title of qualification awarded	Certificate of lead auditor for SR ISO/CEI 27001:2006, ISO/IEC 20000-1:2011, BS 25999:2007 (information security management systems, IT service management, business continuity management)
Name and type of organisation providing education and training	Bucharest, Simtex-OC
Dates	**2012**
Title of qualification awarded	Certificate, Training on ITIL Foundation and auditor for ISO/IEC 20000-1:2011
Name and type of organisation providing education and training	APMG - UK
Dates	**2012**
Title of qualification awarded	Certificate, Trainers' trainer
Name and type of organisation providing education and training	SC Mediasoft SRL
Dates	**2012**
Title of qualification awarded	Certificate, Coaching
Name and type of organisation providing education and training	CCIA Arad
Personal skills and competences	
Mother tongue(s)	**Hungarian, Romanian at the same level as mother tongue**

Other language(s)					
Self-assessment	**Understanding**		**Speaking**		**Writing**
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C2	C1	C2
Italian	C1	C1	C1	C1	B2
French	C1	C1	B2	B2	B1

(*) Common European Framework of Reference for Languages

Social skills and competences

Experienced in leading teams and in working in teams

Excellent communication skills (both at human level as at the languages command level)

Organisational skills and competences

Manager (dean, vice-dean, head of department)
Vice/president of "Tehimpus" Association, Timisoara
Project manager (Leonardo da Vinci, Phare 2003, 2004), team co-ordinator (FP5, Phare 2005, Leonardo da Vinci, HURO 2007-2013)
Course manager / IT at BS, MS level, Action Learning

Technical skills and competences

Trainer, manager in education
Information management in economic ambient
Solar energy – storage methods, database processing
Consulting in quality, external auditor and lead auditor for QMS and ISMS, trainer
Basic skills as Action Learning facilitator

Computer skills and competences

Computer engineer
ECDL trainer and examiner
Databases – analyzing, designing and programming
Professional user for Office Programs
Data processing for the economic ambient
Basic network knowledge, web pages

Other skills and competences

- 8 books and university courses
- 7 books in collaboration, 3 synthesis book (coordinator and coauthor)
- **over 80 published papers**, local and international, author or coauthor

Selection:

[1] S.Dinu, M.Nagy, DG.Negru, ED.Popovici, L.Zota L, G.Oprișan, *Molecular identification of emergent GII.P17-GII.17 norovirus genotype, Romania, 2015.* Euro Surveill. 2016; 21(7): pii=30141. DOI: http://dx.doi.org/10.2807/1560-7917.ES.2016.21.7.30141

[2] M.Nagy D.Negru. S.Hoară, Detecting broncho-pulmonaty cancer clusters in Arad County, Science and Innovation for Local and global Development, Proceedings of the International Conference, Szent Istvan Egyetem Publ. House, Békéscsaba, 2015, pp.76-82

[3] M.Nagy, A.Negrușa, Using Electre Method for a Computer Assisted Decision in the Field of Public Acquisition in Romania, Proceedings of International Conference GIDNI, "Globalization and intercultural dialogue: multidisciplinary perspectives", Tg. Mureș, 2014, p.194-199

[4] M.Nagy, D.Negru, I.R.Jurcă, V.Toma, Cancer statistics using spatial cluster methods, Medicine in Evolution, XX/3, 2014, pp.430-436

[5] M.Nagy, D.Negru, Using clustering software for exploring spatial and temporal patterns in non-communicable diseases, European Scientific Journal, 10/33, 2014, pp.37-47

[6] P.Tărchilă, M.Nagy, Comparative approach of the electronic contract and classical contract, in teaching the content of the New Civil Code in Romania, Procedia - Social and Behavioral Sciences, 2015, pp.464-468

[7] M.Nagy, J.Miranda, Computer Application for Interactive Teaching of Decision Making Methods, AWERProcedia Information Technology & Computer Science. [Online]. 2013, 3, p.1584-1589

[8] M.Nagy, V.Burcă, C.Butaci, G.Bologa, Simulating the Need of Working Capital for Decision Making in Investments, International Journal of Computer, Communication & Control, vol.8, 1, p.87-96, 2013

[9] M.Nagy, J.Miranda, M.Vizental, Multicriteria decision aids for a Portuguese furniture producer, Proceedings of the International Symposium "Research and Education in an Innovation Era", Arad, 2012, p.117-125

[10] M.Vizental, M.Nagy, V.Burcă, Operative programming of the implementation and updating of project management to market a new product, Proceedings of the International Symposium "Research and Education in an Innovation Era", Arad, 2012, p.67-74

[11] J. Miranda, M.Nagy, A case of cooperation in the European OR education, European Journal of Engineering Education, Vol. 36, Issue 6, 2011, p. 571-583

[12] A.Brașoveanu, M.Nagy, O.Mateuț-Petrișor, R.Urziceanu, The Avatar in the Context of Intelligent

Social Semantic Web, International Journal of Computer, Communication & Control, vol.5, 4, p.477-482, 2010

[13] M.Nagy, S.Dzitac, M.Vizental – Educational spreadsheets for master students in management and business administration, Balkan region conference on engineering and business administration, Conference procediings, Sibiu, 2009, II – p.578-584

[14] M.Nagy, M. Vizental, V.Burcă, An application of Probability Calculus Using MS-Excel, Proceedings of the International Symposium "Research and Education in an Innovation Era", Arad, 2010, p.43-49

[15] M.Nagy, N. Mărgean, V. Burcă, M. Vizental, Working with Array Formulas in MS-Excel, Proceedings of the International Symposium "Research and Education in an Innovation Era", Arad, 2010, p.20-25

[16] M.Nagy, M. Vizental, D. Manaţe, Using IT Tools for Project Management and Learning Community: the Case of SME Actor, Proceedings of the International Symposium "Research and Education in Innovation Era", Mathematics and Computer science, Arad, 2008 , p.204-215

- **Project manager, cooordinator, trainer or team member in 16 EU projects.**
  Selection:

Project	Financing	Year of completion	Budget	Website
▪ Industrial Districts' Relocation Processes: Identifying Policies in the Perspective of EU	European FP5 HPSE-CT2001-00098	2005	32.000 eur – partner	www.west-east-id.net partner coordinator
▪ Internet portal containing regional information dedicated to developing tourism and cross-border cooperation (webTourism)	Regional - transfrontalier PHARE CBC RO2002/000.628 .03–32	2004	43.880 eur	www.arad-bekes.ro project coordinator
▪ The development of a computer based instrument that applies to the firms from the crossborder area (webEco)	Regional - crossborder PHARE CBC RO2003/005.702 .02–08	2006	40.940 eur	www.arad-bekes.ro project coordinator
▪ Institutional building-up of UAV-IT – Incubator. / General and specific IT incubation services.	National INFRATEH	2005 / 2007	250.000 / 200.000 eur	www.itauav.ro project coordinator
▪ SMEs Action learning facilitaror	International LEONARDO DA VINCI Ro/06/B/ F/PP175026	2008	26.600 eur – partner	www.smeactor.eu partner coordinator
▪ Formare profesională pentru îmbunătăţire continuă prin Six-Sigma	Regional PHARE 2006/ 018-147.04.02. 02.01.503	2009	Partener	IT course coordinator
▪ „WeSteer" - Support Actions for the Emergence of a Research-Driven Automotive Cluster in West Romania	International FP7- REGIONS-2007-2 / contract no.205887	2010	Partner for „Tehimpuls"	team member
▪ „TAMARO" – realizarea unei reţele de consultanţă pentru firmele româno-maghiare	Regional – crossborder HURO / 0801 - 58	2010	71.412 eur	www.tamaro.hu partner coordinator
▪ Arad-Gyula, Transport Masterplan	Regional – crossborder	2010	37.000 eur subcontract	coordinator for UAV

	HURO / 0801 - 51		or	
▪ "CCSTN" - Research Center in Technical and Natural Sciences	Regional ID 1826, POSDRU, contract nr. 621/11.03.2014	2016	15.941.661 lei (3.542591 eur)	http://cestn.uav.ro Lab coordinator (Analysis and Data processing)

Driving licence	Category "B"

Arad, 6.01.2017