

FIȘA DE VERIFICARE

Numele și prenumele candidatului: PĂNOIU MANUELA

Criterii Profesor

Universitatea Politehnica Timișoara

Facultatea de Inginerie Hunedoara

Conform cu Anexa nr. 9. , Ordinul ministrului educației, cercetării, tineretului și sportului nr. 6560 din 20 decembrie 2012, respectiv a Ordinului pentru modificarea Anexelor 3,5,9,18,19,24,25,26,27,28,29,,30,31,33,34,35 din 18 iulie 2013 COMISIA INGINERIE ELECTRICĂ

1. Structura activității candidatului									
Nr. Crt.	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategoriile		Indicatori (kpi)	Criterii minime necesare (PROFESOR)	Nr. Realizat	Punctaj Realizat
0	1	2	3	4		5	6	6	9
1	Activitatea didactica si profesionala (A1)	Carti si capitole în carti de specialitate	Carti cu ISBN/ capitole ca autor didactice sau monografii	A1.1.1.1	internaționale	nr. pagini/(2*nr. autori)	4 carti/capitole	2	13.00
				A1.1.1.2	naționale	nr. pagini/(5*nr. autori)		5	95.50
			Carti/ capitole de carti ca editor/coordonator	A1.1.2.1	internaționale	nr. pagini/(3*nr. autori)			
				A1.1.2.2	naționale	nr. pagini/(7*nr. autori)			
		Suport didactic	Suport de curs inclusiv electronic	A1.2.1		nr. pagini/(10*nr. autori)	2	2	13.30
			Indrumare de laborator/aplicatii;	A1.2.2		nr. pagini/(20*nr. autori)	2	8	33.50
		Coordonare de programe de studii, organizare si coordonare programe de formare continua si proiecte educationale(POS, ERASMUS. sa)		A1.3		10		3	30.00
TOTAL A1							80		185.30
2	Activitatea de cercetare (A2)	Articole in extenso in reviste cotate si in volume proceedings indexate ISI Thomson-Reuters *),brevete de inventie		A2.1		(25+20*factor impact)/nr. de autori	8	41	343.13
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale **)		A2.2		20 / nr. de autori	16	73	448.00
		Granturi / Proiecte câștigate prin competiție	Director/Responsabil	A2.3.1.1	internaționale	20 * ani de desfășurare	2	2	40.00
				A2.3.1.2	naționale	10 * ani de desfășurare		2	40.00
			Membru în echipă	A2.3.2.1	internaționale	4 * ani de desfășurare		1	4.00
		A2.3.2.2		naționale	2 * ani de desfășurare		8	28.00	
		Contracte de cercetare/consultanta (valoarea echivalenta de minim 2 000 Euro)	Responsabil	A.2.4.1		5*ani de desfasurare		1	5.00
Membru echipa	A.2.4.2			2*ani de desfasurare		2	4.00		
TOTAL A2							300		912.13

Data

Semnatura

0	1	2	3	4	5	6	6	9		
3	Recunoașterea impactului activității (A3)	Citări în reviste și volumele conferințelor ISI și BDI		A3.1.1.	ISI	8/nr. de aut. art. citat		28	36.58	
		Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv POS, ERASMUS)	Punctaj unic pentru fiecare activitate	A3.1.2.	BDI	4/nr. de aut. art. citat		77	77.50	
		Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, Organizator de manifestări științifice, Recenzor pentru reviste și manifestări științifice naționale și internaționale (punctajul se acordă pentru fiecare revistă, manifestare științifică și recenzie)	Punctaj unic pentru fiecare activitate	A3.2.1.	internaționale	10		3	60.00	
				A3.2.2.	naționale	5		1	5.00	
				A3.3.1.	ISI	10		5	170.00	
		Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director școală doctorală, director, director adj., șef secție)	Punctaj unic pentru fiecare activitate	A3.3.2.	BDI	6		2	48.00	
				A3.3.3.	naționale și internaționale neindexate	3		10	18.00	
		Experiența în management	Conducere (senat, consiliu facultății, cons. departament, cons. admin., cons. științific)				5* nr.ani		4 ani	20.00
				A3.4.1						
		Referent în comisii de doctorat	Membru organisme conducere (senat, consiliu facultății, cons. departament, cons. admin., cons. științific)				2*nr. ani		18 ani (CF) + 6 ani (CD)	48.00
				A3.4.2						
				A3.5.1	internaționale	10				
A3.5.2	naționale			5						
TOTAL A3						60		483.08		
TOTAL (A1+A2+A3)						440		1580.51		

Data

Semnatura

Lista de lucrări organizată pe structura tipului de activități prevăzute în Ordinul ministrului educației, cercetării, tineretului și sportului nr. 6560 din 20 decembrie 2012, respectiv a Ordinului pentru modificarea Anexelor 3,5,9,18,19,24,25,26,27,28,29,,30,31,33,34,35 din 18 iulie 2013 - Anexa 9- Comisia Inginerie Electrică

Activitatea didactică și profesională (A1)

Nr. Crt.	Autori	Titlu	Editura	ISBN/link	An apariție	Nr. Pag.	Punctaj
A.1.1. Cărți și capitole în cărți de specialitate							
A. 1.1.1. Carti cu ISBN/ capitole ca autor didactice sau monografii							
A.1.1.1.1. Internaționale							
1	Manuela Panoiu, Caius Panoiu	Modeling, Simulation and optimisation- Chapter: Using Simulation to optimizing te power quality of nonlinear distorting loads	IN-TECH, Viena	978-953-7619-47-3	2010	26	6.50
2	Caius Panoiu, Manuela Panoiu	Modeling, Simulation and optimisation- Chapter: Using adaptive filters in controlling of electrical resistance furnace temperature based on a real time identification method	IN-TECH, Viena	978-953-7619-47-3	2010	26	6.50
Total A 1.1.1.1							13.00
A.1.1.1.2. Naționale							
1	RUSU-ANGHEL STELA, Caius Panoiu, Manuela Panoiu	Protecția liniei de contact și a echipamentelor conexe din transportul electric feroviar utilizând logica fuzzy	Editura Mirton, Timișoara	978-973-52-0878-3	2010	249	16.60
2	Manuela Panoiu, Caius Panoiu	Modelarea și Simularea Proceselor Neliniare În Electrotermie	Editura Mirton, Timișoara	978-973-52-0378-8	2008	237	23.70
3	Manuela Panoiu, Ionel Muscalagiu, Caius Panoiu	Utilizarea si Programarea Calculatoarelor	Editura Mirton, Timișoara	973-585-673-5	2002	267	17.80
4	Manuela Panoiu, Caius Panoiu	Bazele Informaticii	Editura Mirton, Timișoara	973-585-639-5	2002	173	17.30
5	Manuela Panoiu, Anca Iordan	Programare Orientată Pe Obiect	Editura Politehnica Timisoara	978-606-554-830-5	2014	201	20.10
Total A1.1.1.2.							95.50
A.1.2. Suport didactic							
A. 1.2.1. Suport de curs inclusiv electronic							
1	Manuela Panoiu	Programarea Avansata A Intefetelor Grafice Utilizator	E-learning	http://cv.upt.ro/user/index.php?id=1286	2012	100	5.00
2	Caius Pănoiu, Manuela Panoiu	Modelarea și simularea proceselor neliniare în electrotermie	E-learning	http://cv.upt.ro/user/index.php?id=1286	2012	166	8.30
Total A.1.2.1.							13.30
A. 1.2.2. Indrumare de laborator/aplicatii							
1	Anca Iordan, Manuela Panoiu	Programare Orientată Pe Obiect în C++	Editura Mirton, Timișoara	978-973-52-0152-4	2008	206	5.15
2	Anca Iordan, Manuela Panoiu	Programarea Avansata A Intefetelor Grafice Utilizator	Editura Politehnica Timisoara	978 - 606 - 554 - 732 - 2	2013	305	7.63
3	Anca Iordan, Manuela Panoiu	Structuri De Date Și Algoritmi. Aplicații Propuse Și Rezolvate	Editura Politehnica Timisoara	978-606-554-069-9	2010	231	5.78
4	Anca Iordan, Manuela Panoiu	Introducere În Limbajul Prolog Prin Aplicații	Editura Politehnica Timisoara	976-606-554-359-1	2011	202	5.05
5	Ionel Muscalagiu, Muscalagiu Diana, Manuela Panoiu	Culegere De Probleme Pascal	Editura Mirton, Timișoara	973-585-544-5	2001	110	1.83
6	Muscalagiu Diana, Ionel Muscalagiu, Manuela Panoiu	Culegere De Probleme C	Editura Mirton, Timișoara	973-585-556-9	2001	124	2.07
7	Manuela Panoiu, Negrut Diana	Programarea Calculatoarelor	Litografia UPT		1996	154	3.85
8	Caius Panoiu, Manuela Panoiu	Electronică Industrială	Litografia UPT		1994	86	2.15
Total A.1.2.2.							33.50
A.1.3. Coordonare de programe de studii							
1	Manuela Panoiu	Coordonator program de studii master "Tehnici informatice în ingineria electrică"/Domeniul Inginerie Electrică/Facultatea de Inginerie Hunedoara/UPT					10.00
2	Manuela Panoiu	Coordonator program de studii licență "Inginerie electrică și calculatoare"/Domeniul Inginerie Electrică/Facultatea de Inginerie Hunedoara/UPT					10.00
3	Manuela Panoiu	Coordonator program de studii licență "Informatică Industrială"/Domeniul Științe Inginerești aplicate/Facultatea de Inginerie Hunedoara/UPT					10.00
Total A.1.3.							30.00
TOTAL A1 - INDEPLINIT (185.30 realizat, minim necesar 80)							185.30
Minim necesar							80.00

Activitatea de cercetare (A2)

A.2.1. Articole în extenso în reviste cotate și în volume proceedings indexate ISI Thomson-Reuters *), brevete de invenție

Nr. crt	Autori	Titlul lucrării	Revista/Conferința	Anul	Vol (Nr.)/ISSN/I SBN	Pag.	Factor impact (mediu/5 ani)	Nr. de aut.	Punctaj	Link / WOS / DOI
Articole în reviste cotate ISI										Dovezi A2\Lucrari ISI 2015.pdf
1	Caius Panoiu, Manuela Panoiu, Ionel Muscalagiu, Anca Iordan	Visual Interactive Environment for Study Power Electronics	Computer Application in Engineering Education	2010	Volume 18, Issue 3	469-475	0.933	4	10.92	WOS:000281503800006
2	Manuela Panoiu, Caius Panoiu, Ioan Sora	Modelling the Electromagnetic Pollution of the Electric Arc Furnaces	Revue Roumain Des Science Techniques-Serie Electrotechnique Et Energetique	2009	54, Issue 2	165-174	0.284	3	10.23	WOS:000268087200005
3	Ionel Muscalagiu, Vidal Jm, Vladimir Cretu, Popa Horia Emil, Manuela Panoiu	Experimental Analysis of the Effects of Agent Synchronization in Asynchronous Search Algorithms	International Journal of Software Engineering and Knowledge Engineering	2008	18	619-636	0.355	5	6.42	WOS:000261168200004
4	Manuela Panoiu, Caius Panoiu, Ioan Sora, Mihaela Osaci	About the Possibility of Power Controlling in the Three - Phase Electric Arc Furnaces Using PSCAD-EMTDC Simulation Program	Advances in Electrical and Computer Engineering	2007	VOL 7 nr. 1 (27)	38-43	0.476	4	8.63	WOS:000259841200009
5	Mihaela Osaci, Manuela Panoiu, Hapuț Teodor, Ionel Muscalagiu	Numerical Stochastic Model for the Magnetic Relaxation Time of the Fine Particle System With Dipolar Interactions	Applied Mathematical Modelling	2006	30	545-553	2.326	4	17.88	WOS:000236678800005
6	Manuela Panoiu, Caius Panoiu, Ionel Muscalagiu, Anca Iordan	An Interactive Learning Environment for Analyze Linked List Data Structures	International Journal of Computers Communications & Control	2006	7(14)	38-43	0.739	4	9.95	WOS:000203014800059
7	Ionel Muscalagiu, Crețu Vladimir, Manuela Panoiu, Caius Panoiu	The Experimental Analysis of the Impact of the "Nogood Processor" Technique On the Efficiency of the Asynchronous Techniques	International Journal of Computers Communications & Control	2006	VOL 1	326-331	0.739	4	9.95	WOS:000203014800054
8	Anca Iordan, Manuela Panoiu	Multimedia Educational Software for Producing Graphs of Mathematical Functions	International Journal of Computers Communications & Control	2006	VOL 1	284-289	0.739	2	19.89	WOS:000203014800047
9	Mihaela Osaci, Manuela Panoiu, Ionel Muscalagiu, Caius Panoiu	About a Simulation Method of the Magnetodielectrical Materials Properties At High Frequency Magnetic Fields	Computational Materials Science	2003	27	523-528	2.188	4	17.19	WOS:000183081400012
Articole în volumele unor manifestări științifice indexate ISI Proceedings										
10	Panoiu Caius, Raluca Rob, Manuela Panoiu	Microcontroller interrupts in frequency controlling	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES 2014 (ICAS2014)	OCT 02-04, 2014	ISSN: 1757-8981	Vol. 85, Art. No: 012022	0	3	8.33	WOS:000357864400022
11	Panoiu Manuela, Rat Cezara, Panoiu Caius	Video streaming technologies using ActiveX and LabVIEW	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES 2014 (ICAS2014)	OCT 02-04, 2014	ISSN: 1757-8981	Vol. 85, Art. No: 012023	0	3	8.33	WOS:000357864400023
12	Rob Raluca, Panoiu Caius, Panoiu Manuela	Study regarding the power quality improvement in functioning of nonlinear loads	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES 2014 (ICAS2014)	OCT 02-04, 2014	ISSN: 1757-8981	Vol. 85, Art. No: 012029	0	3	8.33	WOS:000357864400029
13	Manuela Panoiu, Loredana Ghiormez, Caius Panoiu, Anca Iordan	Artificial neural networks in predicting current in electric arc furnaces	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2013)	26-27 oct. 2013	ISSN: 1757-8981	vol 57	0	4	6.25	WOS:000335980400011
14	Anca Iordan, Manuela Panoiu	A new approach in the design of an interactive environment for teaching Hamiltonian digraphs	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2013)	26-27 oct. 2013	ISSN: 1757-8981	vol 57	0	2	12.50	WOS:000335980400012
15	Manuela Panoiu, L. Ghiormez, C. Panoiu, A. Iordan	A Numerical Modeling of Nonlinear Load Behavior Using Artificial Neural Networks	11th International Conference of Numerical Analysis and Applied Mathematics	2013	1558	1337-1340	0	4	6.25	WOS:000331472800316

16	L. Ghiormez, O. Proștean, Manuela Panoiu., Caius Panoiu	Numerical Modeling of Some Nonlinear Processes in Electric Arc Furnace Operation	12th International Conference of Numerical Analysis and Applied Mathematics	2013	1558	1325-1328	0	4	6.25	WOS:000331472800313
17	Manuela Panoiu, Caius Panoiu, Loredana Ghiormez	Modeling of the Electric Arc Behavior of the Electric Arc Furnace;	Proceedings of the 5th International Workshop Soft Computing Application (Sofa)	2012, 22-24 august	ISSN 2194-5357	261-271	0	3	8.33	WOS:000314077300024
18	Panoiu Caius, Raluca Rob, Manuela Panoiu, Sora Ioan	Measuring System for Distorted Regime Generated By Three Phase Nonlinear Loads	15th International Power Electronics and Motion Control Conference and Exposition, Novi Sad, Serbia	2012, 4-6 Sept.	ISBN 978-1-4673-1971-3	LS4c.1-1-LS4c.1-6	0	4	6.25	WOS:000337270600261
19	Manuela Panoiu, Anca Iordan, Caius Panoiu, Loredana Ghiorghioni	Interactive Environment for Learning the Rules for Physical Storing of the Information in the Computers Memory	Proceedings of the 8th Wseas International Conference on Education and Educational Technology (Edu09), Genova, Italy, October	2009, 17-19 oct.e	ISBN 978-960-474-128-1 ISSN 1790-5109	239-244	0	4	6.25	WOS:000276695900039
20	Raluca Rob, Ioan Sora, Caius Panoiu, Manuela Panoiu	Researches Regarding the Electric Energy Quality On High Frequency Electrothermal Installation With Electromagnetic Induction	Proceedings of the 8th Wseas International Conference on System Science and Simulation (Icosse 09), Genova, Italy, October 17-19, 2009	2009, 17-19 oct.	ISBN 978-960-474-131-1 ISSN 1790-2769	248-253	0	4	6.25	WOS:000276623100050
21	Mihaela Osaci, Manuela Panoiu, Berdie Adela Diana, Stela Rusu Anghel	Three-Dimensional Stochastic Model for Simulation of the Nanoparticles Geometry in Nanoparticles Dispersed Magnetic Media	Proceedings of the 13th Wseas International Conference on Computers, Rodos, Greece, Iul 23-25, 2009	2009, 23-25 iulie	978-960-474-099-4	411-415	0	4	6.25	WOS:000276790600025
22	Cristian Abrudean, Manuela Panoiu, Caius Panoiu, Ioan Sora	Using Finite Difference Time-Domain Method To Simulate the Electromagnetic Field in a Multimode Microwave Oven	Proceedings of the 13th Wseas International Conference on Computers, Rodos, Greece, Iul 23-25, 2009	2009, 23-25 iulie	978-960-474-099-4	1409-1415	0	4	6.25	WOS:000276790600027
23	Tirian Gelu-Ovidiu, Stela Rusu Anghel, Manuela Panoiu, Pinca-Bretotean Camelia	Control of the Continuous Casting Process Using Neural Networks	Proceedings of the 13th Wseas International Conference on Computers, Rodos, Greece, Iul 23-25, 2009	2009, 23-25 iulie	978-960-474-099-4	85-90	0	4	6.25	WOS:000276790600028
24	Anca Iordan, Manuela Panoiu, Ionel Muscalagiu, Raluca Rob	Realization of an Interactive Informatical System for the Quadric Surfaces Study	Proceedings of the 13th Wseas International Conference on Computers, Rodos, Greece, Iul 23-25, 2009	2009, 23-25 iulie	978-960-474-099-4	104-109	0	4	6.25	WOS:000276790600029
25	Ionel Muscalagiu, Anca Iordan, Muscalagiu Diana-Maria, Manuela Panoiu	Implementation and Evaluation Model With Synchroniyation for the Asynchronous Search Techniques	Proceedings of the 13th Wseas International Conference on Computers, Rodos, Greece, Iul 23-25, 2009	2009, 23-25 iulie	978-960-474-099-4	148-153	0	4	6.25	WOS:000276790600030
26	Raluca Rob, Anca Iordan, Caius Panoiu, Manuela Panoiu	Applications of the Markov Stochastic Processes in Functioning of the Energy Entities Modelling;	Proceedings of the 13th Wseas International Conference on Systems Rodos, Greece, Iul 22-24, 2009	2009, 22-24 iulie	978-960-097-0	248-253	0	4	6.25	WOS:000272165400033
27	Cristian Abrudean, Manuela Panoiu	Software Application Implement in Java for Electrical Lines Dimensioning ;	Proceedings of the 8th Wseas International Conference on Applied Computer Science (Acs'08) , Venice, Italy	2009, 21-23 nov.	ISBN 978-960-474-028-4	614-619	0	2	12.50	WOS:000264170900070
28	Manuela Panoiu, Caius Panoiu, Sorin Deaconu	Study About the Possibility of Electrodes Motion Control in the Eaf Based On Adaptive Impedance Control;	2008 13th International Power Electronics and Motion Control Conference, Epe-Pemc 2008	2008, 1-3 sept.	ISBN 978-1-4244-1741-4	55-60	0	3	8.33	WOS:000262093800228
29	Manuela Panoiu, Caius Panoiu, Ioan Sora, Anca Iordan	Adaptive Control of the Active Power of an Electric Arc Furnace;	Proceedings of the 4th Iasme International Conference on Dynamical Systems and Control (Control'08), Corfu, Grecia	2008, 26-28 oct.	ISBN 978-960-474-014-7 ISSN: 1790-2769	99-103	0	4	6.25	WOS:000262930900016
30	Anca Iordan, George Savii, Manuela Panoiu, Caius Panoiu	Development of a Dynamical Software for Doing Geometrical Constructions;	Proceedings of the 8th Wseas International Conference on Applied Informatics and Communications, Rodos, Grecia	2008, 20-22 august	978-960-6766-99-2 ISSN 1790-2769	71-76	0	4	6.25	WOS:000265456100016
31	Caius Panoiu, Manuela Panoiu, Liviu Toma, Raluca Rob	A Real-Time Identification Method of a Slow Process Parameters Using an Adaptive Algorithm;	Proceedings of the 8th Wseas International Conference on Applied Informatics and Communications, Rodos, Grecia	2008, 20-22 august	ISBN 978-960-6766-99-2 ISSN 1790-2769	65-70	0	4	6.25	WOS:000263293100021
32	Manuela Panoiu, Caius Panoiu, Ioan Sora, Raluca Rob	Study About the Possibility of Flicker Effect Simulation Caused By Nonlinear Power Loads;	Proceedings of the 8th Wseas International Conference on Applied Informatics and Communications, Rodos, Grecia	2008, 20-22 august	ISBN 978-960-6766-99-2 ISSN 1790-2769	94-98	0	4	6.25	WOS:000263293100020

33	Manuela Panoiu, Caius Panoiu, Anca Iordan, Raluca Rob	Simulation Results Regarding High Power Load Balancing;	Proceedings of the 12th Wseas International Conference on Systems, Heraklion, Grecia	2008, 22-24 iulie	ISBN 978-960-6766-83-1 ISSN 1790-2769	53-62	0	4	6.25	WOS:000260669900100
34	Anca Iordan, George Savii, Manuela Panoiu, Caius Panoiu	Development of a Dynamical Software for Teaching Plane Analytical Geometry;	Proceedings of the 12th Wseas International Conference on Systems, Heraklion, Grecia	2008, 22-24 iul.	ISBN 978-960-6766-83-1 ISSN 1790-2769	55-60	0	4	6.25	WOS:000260247300005
35	Manuela Panoiu, Caius Panoiu, Ioan Sora, Mihaela Osaci	Using a Model Based On Linearization of the Current – Voltage Characteristic for Electric Arc Simulation;	Proceedings of the 16th IASTED International Conference on Applied Simulation and Modelling , Palma De Mallorca, Spain	2007, 29 – 31 aug.	ISBN 978-0-88986-687-4, ACTA PRESS	99-103	0	4	6.25	WOS:000251419200018
36	Manuela Panoiu, Caius Panoiu, Mihaela Osaci, Ionel Muscalagiu	Simulation Result About Harmonics Filtering for Improving the Functioning Regime of the Uhp Eaf;	the 7th Wseas International Conference on Signal Processing, Computational Geometry and Artificial Vision, Vouliagmeni, Greece	2007, 24-26 aug.	ISSN 1790-5117, ISBN 978-960-8457-97-3	71-78	0	4	6.25	WOS:000257283500013
37	Ioan Baci, Caius Panoiu, Manuela Panoiu, Corina Cuntan	Simulation Results On the Currents Harmonics Mitigation On the Railway Station Line Feed;	the 7th Wseas International Conference on Signal Processing, Computational Geometry and Artificial Vision, Vouliagmeni, Greece	2007, 24-26 aug.	ISSN 1790-5117, ISBN 978-960-8457-97-3	65-70	0	4	6.25	WOS:000257283500012
38	Caius Panoiu, Manuela Panoiu	Malms- a New Osims Filter;	Proc. of the 4th IASTED International Conference Signal Processing, Pattern Recognition, and Applications, Innsbruck, Austria	2007, 14-16 febr.	ISBN 978-0-88986-646-1	94-98	0	2	12.50	WOS:000246297800016
39	Ionel Muscalagiu, Vidal Jm, Vladimir Cretu, Popa Horia Emil, Manuela Panoiu	The Effects of Agent Synchronization in Asynchronous Search Algorithms ;	1St Kes International Symposium on Agent and Multi-Agent Systems - Technologies and Applications (Kes-Amsta 2007)	2007, 31-mai - 1 iun.	978-3-540-72829-0	53-62	0	5	5.00	WOS:000247257700006
40	Anca Iordan, Manuela Panoiu, Caius Panoiu	New Dynamical Methods for the Study of the Euclidian Geometry;	6th Wseas International Conference on Education and Educational Technology	2007, nov.	ISBN: 978-960-6766-16-9	35-40	0	3	8.33	WOS:000253273000007
41	Ionel Muscalagiu, Popa Horia-Emil, Manuela Panoiu	Determining the Number of Messages Transmitted for the Temporary Links in the Case of Abt Family Techniques ;	7th International Symposium on Symbolic and Numeric Algorithms For Scientific Computing, Timișoara	2005, 25-29 sept.	0-7695-2453-2	215-222	0	3	8.33	WOS:000235867000032
Total A.2.1.										343.13

A.2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale **)

Nr. crt.	Autori	Titlul lucrării	Revista/ Conferința	Anul	Volumul/ ISSN	Pag.	BDI	Nr. aut.	Punctaj	Link
1	Manuela Panoiu, Filipo Neri	Open research issues on Modeling, Simulation and Optimization in Electrical Systems	WSEAS Transactions on Systems	2014	E-ISSN: 2224-2678	332-334	Scopus	2	10.00	Dovezi A2\Lucrari Scopus.pdf
2	Ionel Muscalagiu, Horia Emil Popa, Manuela Panoiu, Viorel Negru	Multi-Agent Systems Applied in the Modelling and Simulation of the Protein Folding Problem Using Distributed Constraints	Lecture Notes in Computer Science Http://Link.Springer.Com/Chapter/10.1007/978-3-642-40776-5_29	2013	8076	346-360	Scopus	4	5.00	Dovezi A2\Lucrari Scopus.pdf
3	Ionel Muscalagiu, Diana Maria Muscalagiu, Adela Berdie, Manuela Panoiu	Modeling of the Protein Folding Problem Using Distributed Constraint Optimization	AWERProcedia Information Technology & Computer Science- 3 rd World Conference on Information Technology (WCIT-2012)	2012	Vol 03 (2013)	1342-1347	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=Modeling+of+the+Protein+Folding+Problem+Using+Distributed+Constraint+Optimization&btnG=&hl=ro&as_sdt=0%2C5
4	Loredana Ghiormez, Manuela Panoiu, Caius Panoiu	Harmonics Analysis of the 3-Phase Electric Arc Furnace Using Models of the Electric Arc	AWERProcedia Information Technology & Computer Science- 3 rd World Conference on Information Technology (WCIT-2012)	2012	Vol 03 (2013)	424-430	Google Scholar	3	6.67	http://scholar.google.ro/scholar?q=Harmonics+Analysis+of+the+3-Phase+Electric+Arc+Furnace+Using+Models+of+the+Electric+Arc&btnG=&hl=ro&as_sdt=0%2C5
5	Manuela Panoiu, Anca Iordan, Caius Panoiu, Ionel Muscalagiu	Matlab Graphical User Interface for Understanding and Study Artificial Neural Networks	AWERProcedia Information Technology & Computer Science- 3 rd World Conference on Information Technology (WCIT-2012)	2012	Vol 03 (2013)	419-423	Google Scholar	4	5.00	http://scholar.google.ro/scholar?hl=ro&q=%22Matlab+Graphical+User+Interface+for+Understanding+and+Study+Artificial+Neural+Networks%22&btnG=
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7	Ioan Baciu, Cuntan Corina, Manuela Panoiu, Cristian Abrudean	Highlighting the Existing Harmonics On Locomotives With Dc Motors	13th Wseas International Conference on Electric Power Systems, High Voltages, Electric Machines	2013	ISBN: 978-960-474-328-5	120-125	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22Highlighting+the+Existing+Harmonics+On+Locomotives+With+Dc+Motors%22&btnG=&hl=ro&as_sdt=0%2C5
8	Gelu Ovidiu Tirian, Manuela Panoiu, Octavian Proștean Gabriela Proștean	The Software Implementation of a Neuronal System Used in the Control of the Cnc Metal Plate-Cutting Machine	14th Wseas International Conference on Electric Power Systems, High Voltages, Electric Machines	2013	ISBN: 978-960-474-328-5	143-146	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22The+Software+Implementation+of+a+Neuronal+System+Used+in+the+Control+of+the+Cnc+Metal+Plate-Cutting+Machine%22&btnG=&hl=ro&as_sdt=0%2C5
9	Anca Iordan, Manuela Panoiu, Ionel Muscalagiu, Raluca Rob	Interactive Software for the Study of Electrical Circuits Using Graphs Theory	15th Wseas International Conference on Electric Power Systems, High Voltages, Electric Machines	2013	ISBN: 978-960-474-328-5	114-119	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22Interactive+Software+for+the+Study+of+Electrical+Circuits++Using+Graphs+Theory%22&btnG=&hl=ro&as_sdt=0%2C5
10	Loredana Ghiormez, Octavian Proștean, Manuela Panoiu, Caius Panoiu	Validation of an Electric Arc Model in the Two Technological Phases of An Electric Arc Furnace Process	16th Wseas International Conference on Electric Power Systems, High Voltages, Electric Machines	2013	ISBN: 978-960-474-328-5	138-142	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22Validation+of+an+Electric+Arc+Model+in+the+Two+Technological+Phases+of+An+Electric+Arc+Furnace+Process%22&btnG=&hl=ro&as_sdt=0%2C5
11	Raluca Rob, Caius Panoiu, Manuela Panoiu	Harmonic Analysis in Functioning of Nonlinear Loads	17th Wseas International Conference on Electric Power Systems, High Voltages, Electric Machines	2013	ISBN: 978-960-474-328-5	126-131	Google Scholar	3	6.67	http://scholar.google.ro/scholar?q=%22Harmonic+Analysis+in+Functioning+of+Nonlinear+Loads+%22&btnG=&hl=ro&as_sdt=0%2C5
12	Ionel Muscalagiu, Anca Iordan, Mihaela Osaci, Manuela Panoiu	Modeling and Simulation of the Protein Folding Problem in Discsp-Netlogo	AWERProcedia Information Technology & Computer Science, 2nd World Conference on Innovation and Computer Sciences 2012	2012	2 (2012)	137-144	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=Modeling+and+Simulation+of+the+Protein+Folding+Problem+in+Discsp-Netlogo&btnG=&hl=ro&as_sdt=0%2C5
13	Mihaela Osaci, Manuela Panoiu, Caius Panoiu, Ionel Muscalagiu	Matlab Graphical User Interface for Study Through Modelling and Simulation of the Waiting Systems Without Priorities	12th Wseas International Conference on Applied Informatics and Communications (Aic '12)	2012	ISBN: 978-1-61804-113-5	225-228	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22Matlab+Graphical+User+Interface+for+Study+Through+Modelling+and+Simulation+of+the+Waiting+Systems+Without+Priorities+%22&btnG=&hl=ro&as_sdt=0%2C5
14	Caius Panoiu, Raluca Rob, Manuela Panoiu	Monitoring System for Average Hourly Radiation	12th Wseas Int. Conf. on Signal Processing, Computational Geometry and Artificial Vision (Iscgav '12)	2012	3	107-112	Google Scholar	3	6.67	http://scholar.google.ro/scholar?q=%22Monitoring+System+for+Average+Hourly+Radiation+%22&btnG=&hl=ro&as_sdt=0%2C5
15	Anca Iordan, Manuela Panoiu, Ionel Muscalagiu, Raluca Rob	Object Oriented Development of a Didactic Environment Used for the Minimum Spanning Trees Study	AWERProcedia Information Technology & Computer Science, 2nd World Conference on Innovation and Computer Sciences 2012	2012	2 (2012)	262-267	Google Scholar	4	5.00	http://scholar.google.ro/scholar?hl=ro&q=Object+Oriented+Development+of+a+Didactic+Environment+Used+for+the+Minimum+Spanning+Trees+Study&btnG=
16	Anca Iordan, Manuela Panoiu, Ionel Muscalagiu, Raluca Rob	Design of Sequence Diagrams for Implementation of a Didactic Software Used in the Study of Binary Trees	12th Wseas International Conference on Applied Informatics and Communications (Aic '12)	2012	ISBN: 978-1-61804-113-5	97-102	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22Design+of+Sequence+Diagrams+for+Implementation+of+a+Didactic+Software+Used+in+the+Study+of+Binary+Trees%22&btnG=&hl=ro&as_sdt=0%2C5

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18	Manuela Panoiu, Panoiu Caius, Loredana Ghiormez, Raluca Rob	Maintaining Optimal Condition in an Incubator Using Intelligent Fuzzy Algorithm	AWERProcedia Information Technology & Computer Science, 2nd World Conference on Innovation and Computer Sciences 2012	2012	2 (2012)	137-144	Google Scholar	4	5.00	http://scholar.google.ro/scholar?hl=ro&q=Maintaining+Optimal+Condition+in+an+incubator+Using+Intelligent+Fuzzy+Algorithm&btnG=&hl=ro&as_sdt=0%2C5
19	Raluca Rob, Caius Panoiu, Ioan Sora, Manuela Panoiu	Simulation of an active filter functioning using labview	AWERProcedia Information Technology & Computer Science, 2nd World Conference on Innovation and Computer Sciences 2012	2012	2 (2012)	186-191	Google Scholar	4	5.00	https://scholar.google.ro/scholar?hl=ro&q=SIMULATION+OF+AN+ACTIVE+FILTER+FUNCTIONING+USING+LABVIEW&btnG=&hl=ro&as_sdt=0%2C5
20	Caius Panoiu, Raluca Rob, Manuela Panoiu, Ioan Sora	PWM controller used in active filtering realised in labview	AWERProcedia Information Technology & Computer Science, 2nd World Conference on Innovation and Computer Sciences 2012	2012	2 (2012)	192-197	Google Scholar	4	5.00	https://scholar.google.ro/scholar?q=PWM+CONTROLLER+USED+IN+ACTIVE+FILTERING+REALISED+IN+LABVIEW&btnG=&hl=ro&as_sdt=0%2C5
21	Caius Panoiu, Raluca Rob, Manuela Panoiu	Memorizing, playing and editing songs using labview environment	AWERProcedia Information Technology & Computer Science, 2nd World Conference on Innovation and Computer Sciences 2012	2012	2 (2012)	222-227	Google Scholar	3	6.67	https://scholar.google.ro/scholar?q=Memorizing%2C+playing+and+editing+songs+using+labview+environment&btnG=&hl=ro&as_sdt=0%2C5
22	Caius Panoiu, Raluca Rob, Ioan Baci, Manuela Panoiu	Shunt Active Filter Command Designed in Labview	International Journal of Circuits, Systems and Signal Processing	2011	vol 5, issue 5	513 - 520	Scopus	4	5.00	Dovezi A2\Scopus - Results_AU-ID(Pănoiu, Manuela_16239995900).pdf
23	Caius Panoiu, Raluca Rob, Ioan Baci, Manuela Panoiu	IGBT Command in Active Filtering of the Harmonics Current	Proceedings of the European Computing Conference, Ecc '11, Paris	2011, 28-30 aprilie	ISBN: 978-960-474-297-4	158-163	Scopus, Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1991016.1991045&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
24	Raluca Rob, Caius Panoiu, Manuela Panoiu, Iagăr Angela	Determining of the Electrical Parameters of a Hardening Inductor	Proceedings of the European Computing Conference, Ecc '11, Paris	2011, 28-30 aprilie	ISBN: 978-960-474-297-4	187-192	Scopus, Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1991016.1991050&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
25	Anca Iordan, Manuela Panoiu, Ionel Muscalagiu, Raluca Rob	Object Oriented Development of an Interactive Software for Studying of Circle Using Uml Diagrams	Proceedings of the European Computing Conference, Ecc '11, Paris	2011, 28-30 aprilie	ISBN: 978-960-474-297-4	291-296	Scopus, Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1991016.1991068&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
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28	Stela Rusu Anghel, Caius Panoiu, Manuela Panoiu, Topor Marcel, Sergiu Mezinescu	Improvement of Electric Railway Transportation Protection Systems Using a Relay Based On Fuzzy Logic	10th International Conference on Environment and Electrical Engineering, Eeeic.Eu 2011	2011, 23-25 iulie	ISBN: 978-1-4244-8779-0	1 - 4	leexplore, Inspec, Scopus	5	4.00	Dovezi A2\Lucrari Scopus.pdf
29	Caius Panoiu, Raluca Rob, Manuela Panoiu, Popa Gabriel Nicolae	Active Power Influence On the Electrical Parameter of an Electro Thermal Installation With Electromagnetic Induction	Wseas Transactions on Power Systems	2011	v6, nr 3	63-72	Scopus, Inspec	4	5.00	Dovezi A2\Lucrari Scopus.pdf
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35	Manuela Panoiu, Ionel Muscalagiu, Caius Panoiu, Maria Raich	Interactive Environment for Comparative Analysis of Sequential and Parallel Algorithms	International Conference on Computers, Corfu, Grecia	2010, 22-24 iulie	978-960-474-213-4	527-532	Scopus, Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1984366.1984387&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
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45	Raluca Rob, Ioan Sora, Caius Panoiu, Manuela Panoiu	Using Active Filters in Reducing of the Total Harmonic Distortion On Electro Thermal Installation With Electromagnetic Induction	Speedam 2010 - International Symposium on Power Electronics, Electric Drives, Automation and Motion	2010, 14-16 iunie	ISBN-13: 9781424449873	233-238	leexplore, Inspec, Scopus	4	5.00	Dovezi A2\Lucrari Scopus.pdf
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58	Manuela Panoiu, Pănoiu Caius, Mihaela Osaci, Anca Iordan	Simulation Results Regarding Electrodes Position Controlling On Electric Arc Furnace	Proc. of 1st Ifac Workshop on Convergence of Information Technologies and Control Methods With Power Plants and Power Systems Icps'07	2007, 9-11 IULIE	ISBN: 978-0-7354-0404-5	117-122	Scopus	4	5.00	Dovezi A2\Lucrari Scopus.pdf
59	Manuela Panoiu, Caius Panoiu, Ioan Sora, Mihaela Osaci	Simulations Results On the Reactive Power Compensation Process On Electric Arc Furnace Using Pscad-Emtdc	International Journal of Modeling, Identification and Control	2007	VOL 2 (NR. 3)	250 -257	Scopus, Inspec	4	5.00	Dovezi A2\Lucrari Scopus.pdf
60	Caius Panoiu, Ioan Baci, Manuela Panoiu, Corina Cuntan	Simulation Results On the Currents Harmonics Mitigation On the Railway Station Line Feed Using a Data Acquisition System	Wseas Transaction on Electronics	2007	VOL 4 (NR. 10)	227-236	Scopus,	4	5.00	Dovezi A2\Lucrari Scopus.pdf
61	Manuela Panoiu, Caius Panoiu, Mihaela Osaci, Ionel Muscalagiu	Simulation Results for Modeling the AC Electric Arc as Nonlinear Element Using Pscad Emtdc	Wseas Transactions on Circuits and Systems	2007	VOL 6 (NR. 1)	149-156	ACM, Inspec	4	5.00	http://dl.acm.org/citation.cfm?id=1974329.1974332&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
62	Caius Panoiu, Manuela Panoiu, Liviu Toma, Raluca Rob	A Real-Time Identification Method of Slow Process Parameters Using Adaptive Iir-Oslms Filters	Wseas Transactions on Systems	2008	Vol 7 nr. 10	1143-1154	Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1486663.1486687&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
63	Manuela Panoiu, Caius Panoiu, Ioan Sora, Raluca Rob	Simulation of the Flicker Phenomenon Based On Modeling the Electric Arc	Wseas Transactions on Systems	2008	Vol 7 nr. 10	1132-1142	Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1486663.1486686&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
64	Caius Panoiu, Liviu Toma, Manuela Panoiu, Raluca Rob	Properties of Iir-Oslms Adaptive Filters	Proceedings of the 27th IASTED International Conference on Modelling, Identification and Control, Innsbruck, Austria	2008, 11-13 Febr.	ISBN 978-0-88986-711-6	460-465	Inspec, ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1722415.1722503&coll=DL&dl=GUIDE&CFID=590483482&CFTOKEN=56937856
65	Manuela Panoiu, Caius Panoiu, Mihaela Osaci, Ionel Muscalagiu	Modeling and Simulating the AC Electric Arc Using Pscad Emtdc	the 5th Wseas International Conference on System Science and Simulation in Engineering (Icosse'06), Tenerife, Spain	2006, 16-18 dec	ISSN: 1790-5117 ISBN: 960-8457-57-2	7-12	ACM	4	5.00	http://dl.acm.org/citation.cfm?id=1974332
66	Mihaela Osaci, Manuela Panoiu, Ionel Muscalagiu	Comparative Study of the Models for Simulating the Behavior of the Ferritic Nano-Composites Within Radio-Frequency Magnetic Fields	Romanian Journal of Physics	2004	vol. 49, nr. 9-10	789-793	Inspec,	3	6.67	Dovezi A2\Lucrari Inspec Direct.pdf
67	Corina Cuntan Daniela, Ioan Baci, Manuela Panoiu, Popa Gabriel Nicolae	Digital control modes of the semi-controlled three-phased rectifiers	Annals of Faculty Engineering Hunedoara - International Journal of Engineering	2011	Tome IX, fasc 3	383-387	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=Digital+control+modes+of+the+semi-controlled+three-phased+rectifiers&btnG=&hl=ro&as_sdl=0%2C5

68	Oporean Alexandu, Duță Tatiana, Manuela Panoiu	Educational Software for Analysis of Parallel Algorithms Using Pram Model	Annals of Faculty Engineering Hunedoara - International Journal of Engineering	2010	Tome VIII, fasc 3	125-128	Google Scholar	3	6.67	http://scholar.google.ro/scholar?q=Educational+Software+for+Analysis+of+Parallel+Algorithms+Using+Pram+Model&btnG=&hl=ro&as_sdt=0%2C5
69	Raluca ROB, Anca IORDAN, Caius PANOIU, Manuela PANOIU	Modeling of the Energy Entities Functioning using Markov chains Method	Annals of Faculty Engineering Hunedoara - International Journal of Engineering	2009	TOME VII Fascicule 3	364-367	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=Modeling+of+the+Energy+Entities+Functioning+using+Markov+chains+Method&btnG=&hl=ro&as_sdt=0%2C5
70	Anca Iordan, Manuela Panoiu	Design of Sequence Diagrams For Implementation of a Dynamical Software for Doing Geometrical Constructions	Acta Technica Corviniensis - Bulletin of Engineering	2008	Tome I	49 - 52	Google Scholar	2	10.00	http://scholar.google.ro/scholar?q=%22%22%22Design+of+Sequence+Diagrams++For+Implementation+of+a+Dynamical+Software++for+Doing+Geometrical+Constructions%22&btnG=&hl=ro&as_sdt=0%2C5
71	Ionel Muscalagiu, Diana Muscalagiu, Teodora Petras, Manuela Panoiu	Discsp-Netlogo-Educational Software Meant for the Implementation and Evaluation of the Asynchronous Search Techniques in Netlogo	Acta Technica Corviniensis - Bulletin of Engineering	2009	Tome II/ Fasc I	13-20	Google Scholar	4	5.00	http://scholar.google.ro/scholar?q=%22Discsp-Netlogo-Educational+Software+Meant+for+the+Implementation+and+Evaluation+of+the+Asynchronous+Search+Techniques+in+Netlogo
72	C. Panoiu, M. Panoiu, L. Toma	Temperature Adaptive Control Based On Modeling the Heating Process of an Electric Resistance Furnace	Proceedings of the 17th IASTED International Conference Applied Simulation and Modelling	2008	609	277-282	Google Scholar	3	6.67	http://scholar.google.ro/scholar?q=Temperature+Adaptive+Control+Based+On+Modeling+the+Heating+Process+of+an+Electric+Resistance+Furnace&btnG=&hl=ro&as_sdt=0%2C5
73	Anca Iordan, Manuela Panoiu	Dynamic environments for conjecturing and proving	Annals of Faculty Engineering Hunedoara - International Journal of Engineering	2007	Tome V, fasc 3	13-Jul	Google Scholar	2	10.00	http://scholar.google.ro/scholar?q=%22Dynamic+environments+as+contexts+for+conjecturing+and+proving%22&btnG=&hl=ro&as_sdt=0%2C5
74	Manuela Panoiu, Cezara Liliana Rat, Caius Panoiu	A Comparative Study of Text-to-Speech Systems in LabVIEW	Proceedings of the 6th International Workshop Soft Computing Applications (SOFA 2014)	2014	vol 1. /2194-5357	3-11	Springer	3	6.67	http://link.springer.com/chapter/10.1007%2F978-3-319-18296-4_1
75	Manuela Panoiu, Loredana Ghiormez, Caius Panoiu	Adaptive Neuro-Fuzzy System for Current Prediction in Electric Arc Furnaces	Proceedings of the 6th International Workshop Soft Computing Applications (SOFA 2014)	2014	vol 1. /2194-5357	423 - 437	Springer	3	6.67	http://link.springer.com/chapter/10.1007%2F978-3-319-18296-4_35
76	Caius Panoiu, Cezara Liliana rat, Manuela Panoiu, Raluca Rob	The Computer Assisted Parking of a Bluetooth Controlled Car Using Fuzzy Logic	Proceedings of the 6th International Workshop Soft Computing Applications (SOFA 2014)	2014	vol 1. /2194-5357	51 - 66	Springer	4	5.00	http://link.springer.com/chapter/10.1007%2F978-3-319-18296-4_5
77	Raluca Rob, Caius Panoiu, Manuela Panoiu	Voltage and Current Signals Processing in Functioning of Nonlinear Loads	Proceedings of the 6th International Workshop Soft Computing Applications (SOFA 2014)	2014	vol 1. /2194-5357	1171-1184	Springer	3	6.67	http://link.springer.com/chapter/10.1007%2F978-3-319-18416-6_95
		Dovezi A2\Lucrari Scopus.pdf	Dovezi A2\Lucrari Inspec Direct.pdf				Dovezi A2\Lucrari ACM.pdf			Dovezi A2\Lucrari leeExplore.pdf
Total A.2.2.									448.00	

A.2.3. Granturi / Proiecte câștigate prin competiție								
	Programul/Beneficiarul	Titlu grant	Nr contract	Perioada	Int.	Punctaj	Link	
2.3.1. Director/responsabil								
2.3.1.1 Internationale								
1	BALKAN ENVIRONMENTAL ASSOCIATION (Director proiect - Panoiu Manuela)	Study about harmonic pollution mitigation in the electric power supply network at ultra high power electric arc furnaces	62/2007	2007	1	20	http://www.benaweb.gr/index-3.html Dovezi A2\A2_3_1_1.pdf Dovezi A2\Granturi BENA - evaluare si punctaje.pdf	
2	BALKAN ENVIRONMENTAL ASSOCIATION (Director proiect - Panoiu Manuela)	Measure of the electromagnetic pollution level caused by mobiles and wireless electronic equipments	56/2008	2008	1	20	http://www.benaweb.gr/index-3.html Dovezi A2\A2_3_1_2.pdf Dovezi A2\Granturi BENA - evaluare si punctaje.pdf	
Total 2.3.1.1.						40.00		
2.3.1.2 Nationale								
1	POSDRU (manager proiect - Panoiu Manuela)	Parteneriat pentru efectuarea stagiului de practică în domeniul tehnologiei informației și a comunicației	POSDRU/22/2.1/G/40356	2010-2012	2	20	http://www.fih.upt.ro/practica-iind/?page_id=5 Dovezi A2\A2_3_1_2_POSDRU.pdf	
2	RELANSIN Director Conf. dr. ing. Rusu Nicolae, (Responsabil faza 2 - Panoiu Manuela)	Îmbunătățirea indicatorilor de calitate a energiei la oțelăriile electrice și implicațiile acestora asupra procesului tehnologic. Faza 2 – 2002	1362	2002	1	10	http://www.amcsit.ro/amcsit.old/rela/anexe/22-contracte-final.pdf Dovezi A2\A2_3_1_2_Relansin.pdf	
3	RELANSIN Director Conf. dr. ing. Rusu Nicolae, (Responsabil faza 4 - Panoiu Manuela)	Îmbunătățirea indicatorilor de calitate a energiei la oțelăriile electrice și implicațiile acestora asupra procesului tehnologic. Faza 4 – 2004	1362	2004	1	10	http://www.amcsit.ro/amcsit.old/rela/anexe/22-contracte-final.pdf Dovezi A2\A2_3_1_2_Relansin.pdf	
4	IMPACT (director proiect - Panoiu Manuela)	Rețea aplicativă în tehnologie GRID	ID: 950, Acronim GRIDFIH	2007	1		http://www.poscce.research.ro/ro/articol/1736/fonduri-structurale-istoric-impact-sesiune-impact-iii-iunie-2007	
Total 2.3.1.2.						40.00		
A.2.3.2 Membru in echipa								
2.3.2.1 Internationale								
1	BALKAN ENVIRONMENTAL ASSOCIATION (Director proiect - Panoiu Caius)	Study about harmonic pollution mitigation in the electric power supply network caused by electrical locomotive	63/2007	2007	1	4.00	http://www.benaweb.gr/index-3.html	
Total 2.3.2.1.						4.00		
2.3.2.2 Nationale								
1	Programul 4 "Parteneriate in domenii prioritare" 2007-2013 (director proiect Prof. dr. ing. Heput Teodor)	Prevenirea si combaterea poluarii in zonele industriale siderurgice, energetice si miniere prin reciclarea deseurilor marunte si pulverulente	31-098	2010	3	6.00		
2	Programul 4 "Parteneriate in domenii prioritare" 2007-2013 (director proiect Prof. dr. ing. Heput Teodor)	Tehnologii avansate de conducere a proceselor industriale de calire superficiala a pieselor incalzite inductiv	71-044	2010	3	6.00		
3	CNCISIS (director proiect Conf. dr. ing. Panoiu Caius)	Relevu complex pentru protecția liniei de contact împotriva regimurilor anormale de funcționare	Cod CNCISIS 623, Contract nr. 27688	2005-2006	2	4.00		
4	PHARE (director Conf. dr. ing. Rusu Nicolae)	Centre for programming training	Cod proiect RO 0007.02.02.01.2075	2000-2002	3	6.00		
5	RELANSIN Director Conf. dr. ing. Rusu Nicolae,	Îmbunătățirea indicatorilor de calitate a energiei la oțelăriile electrice și implicațiile acestora asupra procesului tehnologic - Fazele 1,3	1362	2001, 2003	2	4.00		
6	ORIZONT 2000 (director proiect Conf. dr. ing. Rusu Nicolae)	Cercetări privind modelarea, simularea și conducerea optimă a laminoarelor în vederea minimizării consumului de energie, cu aplicație la laminor 800 mm, s.c. siderurgica s.a. hunedoara	565	2000	1	2.00		
Total 2.3.2.2.						28.00		

A.2.4. Contracte de cercetare/consultanta (valoarea echivalenta de minim 2 000 Euro)							
2.4.1. Director/responsabil							
1	S.C. SIDERURGICA S.A. HUNEDOARA (Director proiect - Panoiu Manuela)	Studiu privind înlocuirea cuplajelor electromagnetice de tip Toshiba cu convertizoare statice de frecvență Hitachi în circuitul de comandă alimentare a motoarelor de acționare a electrozilor	350000-52	1996	1	5.00	
Total 2.4.1						5	
A.2.4.2 Membru in echipa							
1	SC SOFTRONIC SA CRAIOVA (director proiect Rusu Anghel Stela)	Sistem expert fuzzy pentru protecția LC și a echipamentelor conexe din transportul electric feroviar	53	2009	1	2.00	
2	S.c. Siderurgica S.A. Hunedoara (Director proiect - Deaconu Sorin)	Cercetări privind noi tehnologii de verificare a caracteristicilor motoarelor la mersul în sarcină	350000-39	1995	1	2.00	
Total 2.4.2						4.00	
TOTAL A.2 - INDEPLINIT (912.13 realizat, minim necesar 300)						912.13	
Minim necesar						300	

Recunoașterea impactului activității (A3)

3.1. Citări în cărți, reviste și volume ale unor manifestări științifice

Articolul citat		Articolul care citează		Punctaj	Dovada citare (link)
Nr.crt. al citării	Articolul citat	Nr. aut. art. citat	Articol ISI care citeaza, WOS articol care citeaza		
3.1.1.	ISI				
1	Manuela Panoiu , Caius Panoiu, Ioan Sora, Modeling the electromagnetic pollution, of the Electric Arc Furnaces, REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE, WOS:000268087200005	3	Tutelea Lucian, Deaconu Sorin, Popa Gabriel, Dual stator winding variable speed asynchronous generator: optimal design and experiments, International Conference on Applied Sciences (ICAS) Location: Engrn Fac Hunedoara, Hunedoara, ROMANIA Date: OCT 02-04, 2014, WOS:000357864400010	1.67	Dovezi A3\Dovezi_A31\Citari_ISI_1_2.pdf
2	Manuela Panoiu , Caius Panoiu, Ioan Sora, Modeling the electromagnetic pollution, of the Electric Arc Furnaces, REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE, WOS:000268087200005	3	Loredana Ghiormez, Octavian Prostean, Parameters influence in electric arc modeling, IEEE 8th International Symposium on Applied Computational Intelligence and Informatics (SACI), 2013, WOS:000333188100038	1.67	Dovezi A3\Dovezi_A31\Citari_ISI_1_2.pdf
3	Manuela Panoiu , Caius Panoiu, Mihaela Osaci, Ionel Muscalagiu, Simulation result about harmonics filtering using measurement of some electrical items in electrical installation on UHP EAF, WSEAS Transactions on Circuits and Systems, 2008, 7, Issue 1, pp 22-31	4	Gabriel Nicolae Popa, Sorin Deaconu, Corina Maria Diniș, Angela Iagăr, Implementation of a numerical distance relay for the 110kV electric lines, ICS'09 Proceedings of the 13th WSEAS international conference on Systems, 2009, pp 271-276, WOS:000272165400037	1.25	Dovezi A3\Dovezi_A31\Citari_ISI_3_5.pdf
4	Manuela Panoiu , Caius Panoiu, Mihaela Osaci, Ionel Muscalagiu, Simulation result about harmonics filtering using measurement of some electrical items in electrical installation on UHP EAF, WSEAS Transactions on Circuits and Systems, 2008, 7, Issue 1, pp 22-31	4	Hédio Tatizawa, E. S. Neto, G. F. Burani, Antônio A. C. , Arruda, Kleiber T. Soletto, Nelson M. Matsuo, Development of a test circuit for calibration of transducers for high voltage power quality measurements using modelling and computer simulation, 8th WSEAS International Conference on Systems Theory and Scientific Computation , Rhodes, Greece, August 20-22, 2008, WOS:000263293100022	1.25	Dovezi A3\Dovezi_A31\Citare_ISI_4.pdf
5	Caius Panoiu, Ioan Baci, Manuela Panoiu , Corina Cuntan, Simulation Results on the Currents Harmonics Mitigation on the Railway Station Line Feed using a Data Acquisition System, Wseas Transactions On Electronics, 2007, vol. 4, Issue 10, pp 227 - 236	4	Gabriel N. Popa, SORIN DEACONU, Corina Diniș, Angela Iagăr, Implementation of a numerical distance relay for the 110kV electric lines, ICS'09 Proceedings of the 13th WSEAS international conference on Systems, 2009, WOS:000272165400037	1.25	Dovezi A3\Dovezi_A31\Citari_ISI_3_5.pdf
6	Manuela Panoiu , Caius Panoiu, I. Muscalagiu, Anca Iordan, An Interactive Learning Environment for Analyze Linked List Data Structures, International Journal of Computer, Comm. and Control, 2006, vol. 1, pag. 355 - 359	4	Andreea Zamfir, Teaching and Learning Management through Managerial Simulation, 9th WSEAS Int. Conf. on Mathematics & Computers in Business and Economics Bucharest, Romania, June, 2008, WOS:000257980100027	1.25	Dovezi A3\Dovezi_A31\Citare_ISI_6.pdf
7	Caius Panoiu, Manuela Panoiu , Ionel Muscalagiu, Anca Iordan, Visual interactive environment for study the power electronics using PSCAD-EMTDC simulation program, Computer Applications in Engineering Education, 2010, vol. 18, Issue 3, pag. 469-475,	4	Mahmoud Abdulwahed, Zoltan K. Nagy, The impact of different preparation modes on enhancing the undergraduate process control engineering laboratory: A comparative study, Computer Applications in Engineering Education, 2014, WOS:000330770500011	1.25	Dovezi A3\Dovezi_A31\Citari_ISI_7_8.pdf
8	Caius Panoiu, Manuela Panoiu , Ionel Muscalagiu, Anca Iordan, Visual interactive environment for study the power electronics using PSCAD-EMTDC simulation program, Computer Applications in Engineering Education, 2010, vol. 18, Issue 3, pag. 469-475,	4	Alfonso Bachiller-Soler, J. A. Rosendo-Macías, Antonio Gómez-Expósito, Computer-aided teaching of state-variable formulation for LTI circuits, Computer Applications in Engineering Education, 2013, WOS:000325854200007	1.25	Dovezi A3\Dovezi_A31\Citari_ISI_7_8.pdf
9	Manuela Panoiu , Caius Panoiu, Ioan Sora, Anca Iordan, Study about the Process Control of an Electric Arc Furnace using Simulations based on an Adaptive Algorithm, Wseas Transactions On Information Science And Applications , vol. 5, issue 11, 2008, pag. 1628 - 1637	4	STELA RUSU ANGHEL, OVIDIU TIRIAN, OSACI MIHAELA, DINIȘ CORINA, Algorithms for Raw Material Dosage Control for Cement Plants, Proceedings of the 13th WSEAS International Conference on SYSTEMS, 2009, WOS:000272165400031	1.25	Dovezi A3\Dovezi_A31\Citare_ISI_9.pdf
10	Manuela Panoiu , Caius Panoiu, Ioan Sora, Anca Iordan, Study about the Process Control of an Electric Arc Furnace using Simulations based on an Adaptive Algorithm, Wseas Transactions On Information Science And Applications , vol. 5, issue 11, 2008, pag. 1628 - 1637	4	Liberado, E.V. , de Souza, W.A. , Pomilio, J.A. , Paredes, H.K.M. , Marafão, F.P. , Design of static var compensators using a general reactive energy definition, Przegląd Elektrotechniczny / 2013 International School on Nonsinusoidal Currents and Compensation, ISNCC 2013, WOS:000335150100014	1.25	Dovezi A3\Dovezi_A31\Citari_ISI_10_16.pdf

11	Manuela Panoiu , Ionel Muscalagiu, Caius Panoiu, Maria Raich, Interactive Environment for comparative Analysis of Sequential and Parallel Algorithms, Proceedings of the International Conference on Computers , 2010, pag. 527 -532	4	Rajput, Ishwari Singh , Sharma, Sanjeev Kumar , Aggarwal, Alok , et al, An Efficient Parallel Searching Algorithm on Hypercube Interconnection Network, 2nd IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC)Interconnection Network, 2012, WOS:000317345800019	1.25	Dovezi A3\Dovezi A31\Citare ISI 11.pdf
12	Manuela Panoiu , Anca Iordan, Caius Panoiu, Loredana Ghiorghioni, Educational Software for Teaching the Basics of Computer Science, WSEAS Transactions on advances in Engineering Education, vol.6, Issue 12, pag. 478 - 487, 2009	4	ANDREEA ZAMFIR, ION PLUMB, Computer-based Model for Developing Business Students' Skills, Recent Adv. n Mathematics And Computers In Business, Economics, Biology & Chemistry, 2010, WOS:000292939900021	1.25	Dovezi A3\Dovezi A31\Citare ISI 12.pdf
13	Ionel Muscalagiu, Popa Horia-Emil, Manuela Panoiu , Asynchronous Backtracking with temporary and fixed links: A New Hybrid Member in the ABT Family, INFOCOMP Journal of Computer Science, 2006, vol. 5, nr 2, pag. 29 - 37	3	Sami AL-MAQTARI and Habib ABDULRAB, Controller Agents for Constraints Solving: Implementation and Use of CACS Prototype, 20th IEEE International Conference on Tools with Artificial Intelligence, 2008, WOS:000262214700026	1.67	Dovezi A3\Dovezi A31\Citare ISI 13.pdf
14	Ionel Muscalagiu, Popa Horia-Emil, Manuela Panoiu , Asynchronous Backtracking with temporary and fixed links: A New Hybrid Member in the ABT Family, INFOCOMP Journal of Computer Science, 2006, vol. 5, nr 2, pag. 29 - 37	3	Sami AL-MAQTARI Habib ABDULRAB, Eduard BABKIN, A new model for solution of complex distributed constrained problems, IEEE/ACS International Conference on Computer Systems and Applications, 2009. AICCSA 2009. , WOS:000271458300111	1.67	Dovezi A3\Dovezi A31\Citare ISI 14.pdf
15	Ionel Muscalagiu, Popa Horia-Emil, Manuela Panoiu , Asynchronous Backtracking with temporary and fixed links: A New Hybrid Member in the ABT Family, INFOCOMP Journal of Computer Science, 2006, vol. 5, nr 2, pag. 29 - 37	3	Al-Maqtari, S Abdulrab, H, Controller Agents for Constraints Solving (CACS) - implementation and use of a prototype, ICCES: 2008 INTERNATIONAL CONFERENCE ON COMPUTER ENGINEERING & SYSTEMS, 2008, WOS:000264588800056	1.67	Dovezi A3\Dovezi A31\Citare ISI 15.pdf
16	Manuela Panoiu , Caius Panoiu, Ioan Sora, Mihaela Osaci, About the possibility of power Controlling in the three - phase Electric Arc Furnaces using PSCAD-EMTDC Simulation Program, Advances In Electrical And Computer Engineering, vol. 7, nr. 1, pag. 38 - 43, 2007,	4	Eduardo V. Liberado, Wesley A. Souza, José A. Pomilio, Helmo K. M. Paredes, Fernando P. Marafão, Design of Static var Compensators using a General Reactive Energy Definition, , Przeglad Elektrotechniczny / 2013 International School on Nonsinusoidal Currents and Compensation, ISNCC 2013, WOS:000335150100014	1.25	Dovezi A3\Dovezi A31\Citari ISI 16_17.pdf
17	Manuela Panoiu , Caius Panoiu, Ioan Sora, Mihaela Osaci, About the possibility of power Controlling in the three - phase Electric Arc Furnaces using PSCAD-EMTDC Simulation Program, Advances In Electrical And Computer Engineering, vol. 7, nr. 1, pag. 38 - 43, 2007,	4	Loredana Ghiormez, Octavian Prostean, Parameters influence in electric arc modeling, IEEE 8th International Symposium on Applied Computational Intelligence and Informatics (SACI), 2013, WOS:000333188100038	1.25	Dovezi A3\Dovezi A31\Citari ISI 16_17.pdf
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19	Manuela Panoiu , CAIUS PANOIU, I SORA, Modeling of the Three Phase Electric Arc Furnaces, ACTA ELECTROTEHNICA, vol. 48, nr. 2, pag. 124 - 132, 2007, http://ie.utcluj.ro/files/acta/2007/Number2/Paper07_Panoiu.pdf	3	Loredana Ghiormez, Octavian Prostean, Parameters influence in electric arc modeling, IEEE 8th International Symposium on Applied Computational Intelligence and Informatics (SACI), 2013, WOS:000333188100038	1.67	Dovezi A3\Dovezi A31\Citari ISI 19_20.pdf
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41	Manuela Panoiu , Caius Panoiu, Modeling the EAF operation from Steel Shop OE2 using the PSCAD/EMTDC program, Annals of Engineering Faculty of Hunedoara, pp 226 - 231 , 1999	2	DEACONU SORIN IOAN, POPA GABRIEL NICOLAE, Experimental survey for reducing the flicker effect and the deforming regime produced by EAFs, Recent Researches in Circuits, Systems, Communications and Computers, 2011	1.50	Dovezi A3 Dovezi A31 Citari_BDI_34_36_41.pdf
42	Ionel Muscalagiu, H. Popa, Manuela Panoiu , Viorel Negru, Multi-agent Systems Applied in the Modelling and Simulation of the Protein Folding Problem Using Distributed Constraints, vol. 8076, 2013, Lecture Notes in Computer Science pp 346-360 vol. 8076, 2013	4	Jeremy Straub, Comparing the Blackboard Architecture and Intelligent Water Drops for Spacecraft Cluster Control, AIAA SPACE 2014 CONFERENCE AND EXPOSITION, 2014	0.75	Dovezi A3 Dovezi A31 Citari_BDI_42_43.pdf
42	Ionel Muscalagiu, H. Popa, Manuela Panoiu , Viorel Negru, Multi-agent Systems Applied in the Modelling and Simulation of the Protein Folding Problem Using Distributed Constraints, vol. 8076, Lecture Notes in Computer Science pp 346-360 vol. 8076, 2013	4	Jeremy Straub, Cybersecurity for aerospace autonomous systems, Proc. SPIE 9468, Unmanned Systems Technology XVII, 94680M (May 22, 2015)	0.75	Dovezi A3 Dovezi A31 Citari_BDI_42_43.pdf
43	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014,	2	Popescu D., Specific problems on the operation of the automatic control system of temperature into an individual dwelling, WSEAS Transactions on Systems Volume 13, 2014, Pages 482-491	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
44	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014,	2	M. AWADALLA, A. K. ABDIEN, S. M. RASHAD , A. AHMED, D. AL ABRI, Classification of Faults in Nuclear Power Plant , WSEAS Transactions on Systems Volume 13, 2014, Pages 274-284	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
45	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014,	2	Raluca Rob, Caius Panoiu, Anca Iordan, Harmonic analysis in functioning of an electrothermal installation with electromagnetic induction, WSEAS Transactions on Systems, Volume 13, 2014, Pages 335-344	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
46	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014,	2	Choudhary, S.K.R., Robust feedback control analysis of Magnetic Levitation System, WSEAS Transactions on Systems Volume 13, 2014, Pages 285-291	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
47	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014,	2	Angela Iagar, Gabriel Nicolae Popa, Corina Maria Dinis, The influence of home nonlinear electric equipment operating modes on power quality, WSEAS Transactions on Systems, 2014	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
48	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Ben Othman M.T., CAM-based digital image watermarking revisited, WSEAS Transactions on Systems Volume 13, 2014, Pages 510-519	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
49	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	ELPIDIO ROMANO, DICMAPI ,CLEMENTE CESARANO UTIU , DOMENICO IULIANO, An Hybrid Simulation model to support decision making in a manufacturing plant , WSEAS Transactions on Systems Volume 13, 2014, Pages 312-321	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
50	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	GERALDO DA SILVA E SOUZA ELIANE GONÇALVES GOMES, Assessing the Significance of Covariates in Output Oriented Data Envelopment Analysis with Two Stage Regression Models, WSEAS Transactions on Systems, 13, pp. 440-449	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf
51	Manuela Panoiu , Filippo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Wenfeng Xie, Junhai Ma, Optimization of a Vendor Managed Inventory Supply Chain Based on Complex Fuzzy Control Theory, WSEAS Transactions on Systems, Volume 13, 2014, Pages 429-439	1.50	Dovezi A3 Dovezi A31 Citari_BDI_43_64.pdf

52	Manuela Panoiu , Filipo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	PETR DOSTÁL VLADIMÍR BOBÁL JIŘÍ VOJTĚŠEK, and BRONISLAV CHRAMCOV, Adaptive Control of Nonlinear Processes Using Two Methods of Parameter Estimation, WSEAS Transactions on Systems, Vol. 13, 2014, Pages 292-301	1.50	Dovezi A3 Dovezi A31 Citari BDI 43_64.pdf
53	Manuela Panoiu , Filipo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Ali, E. S. and Abd-Elazim, S. M., Stability Enhancement of Multimachine Power System via New Coordinated Design of PSSs and SVC, WSEAS Transactions on Systems, Vol. 13, 2014, Pages 345-356	1.50	Dovezi A3 Dovezi A31 Citari BDI 43_64.pdf
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56	Manuela Panoiu , Filipo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Buzduga, C., Graur, A., Ciufudean, C., Valentin, V.,An automat system for monitoring atmospheric charging – construction, calibration and modeling, International Journal of Circuits, Systems and Signal Processing , pp. 122-127 , 2014	1.50	Dovezi A3 Dovezi A31 Citari BDI 43_64.pdf
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58	Manuela Panoiu , Filipo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Apetrei, V., Filote, C., Graur, A., The analysis of the deforming regime generated by AC-DC converters using discrete wavelet transform, WSEAS Transactions on Systems 13, pp. 551-559, 2014	1.50	Dovezi A3 Dovezi A31 Citari BDI 43_64.pdf
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61	Manuela Panoiu , Filipo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Rama Prabha, D., Jayabarathi, T., Determining the optimal location and sizing of distributed generation unit using plant growth simulation algorithm in a radial distribution Network, WSEAS Transactions on Systems, vol. 13, pp. 543-550, 2014	1.50	Dovezi A3 Dovezi A31 Citari BDI 43_64.pdf
62	Manuela Panoiu , Filipo Neri, Open research issues on Modeling, Simulation and Optimization in Electrical Systems, WSEAS Transactions on System, 2014	2	Anita, J.M., Raglend, I.J., Kothari, D.P., Multi objective combined emission constrained unit commitment problem using improved shuffled frog leaping algorithm, WSEAS Transactions on Systems, vol. 13, pp. 560-574, 2014	1.50	Dovezi A3 Dovezi A31 Citari BDI 43_64.pdf
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65	Anca Iordan, Manuela Panoiu , Ionel Muscalagiu, Raluca Rob, Realization Of An Interactive Informatical System For The Quadric Surfaces Study, Proceedings Of The 13Th Wseas International Conference On Computers, Rodos, Greece, pp 104 - 109	4	Corina Cuntan, Ioan Baci, Caius Panoiu, Cezara Rat,The implementation of a set of controls in an Arduino ATMEGA 2560 microcontroller system , 16Th Wseas International Conference On Electric Power Systems, High Voltages, Electric Machines, 2013	0.75	Dovezi A3 Dovezi A31 Citare BDI 65.pdf

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69	Manuela Panoiu , Ionel Muscalagiu, Caius Panoiu, Maria Raich, Educational software for study the performances of some known parallel and sequential algorithms,WSEAS Transactions on Information Science and Applications, vol 7, Issue 10, pp 1271 -1283, 2010,	4	ANDREEA ZAMFIR, ION PLUMB, Using a Computer-based Model for Developing Business Students' Skills: Case Study on the Regional Application of the Model, Mathematics and Computers in Biology, Business and Acoustics, 2011	0.75	Dovezi A3\Dovezi_A31\Citari_BDI_39_40_69.pdf
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76	Manuela Panoiu , Caius Panoiu and Sorin Deaconu, "Study about the possibility of electrodes motion control in the EAF based on adaptive impedance control," in Power Electronics and Motion Control Conference, EPE-PEMC 2008, 13th. IEEE, 2008, pp. 1409-1415.	3	Loredana Ghiormez, Octavian Prostean, Electric Arc Current Control for an Electric Arc Furnace Based on Fuzzy Logic, 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics , May 21-23, 2015 , Timișoara, Romania	1.00	Dovezi A3\Dovezi_A31\Citari_BDI_74_75_76.pdf
77	Anca Iordan, George Savii, Manuela Panoiu , Caius Panoiu, Multimedia interactive environment for study the plane analytical geometry, WSEAS TRANSACTIONS on COMPUTERS, Issue 10, Volume 7, October 2008	4	Cezara-Liliana RAT, Corina Daniela CUNTAN, Ioan BACIU, THE DESIGN AND SIMULATION OF AN INTERSECTION CONTROL SYSTEM, ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XII [2014] – Fascicule 4 [November]	1.00	Dovezi A3\Dovezi_A31\Citare_BDI_77.pdf
Total 3.1.2				77.50	

3.2. Prezentări invitate în plenum unor manifestări științifice naționale și internaționale și profesor invitat						
Nr crt	Autor	Titlu Prezentare	Conferința	Anul	Punctaj	Dovada (link)
3.2.1 Internaționale						
1	MANUELA PANOIU	About the Possibility of Power Quality Improvement in Ultra-High Power EAF	13th WSEAS International Conference on Electric Power Systems, High Voltages, Electric Machines.	2013	20.00	http://wseas.org/cms.action?id=5708
2	MANUELA PANOIU	Comparative Study and Simulations for Classic and Advanced Models of the Electric Arc	12th WSEAS International Conference on APPLIED INFORMATICS AND COMMUNICATIONS (AIC '12)	2012	20.00	http://www.wseas.org/cms.action?id=1484
3	MANUELA PANOIU	Variable Step Adaptive Algorithms in Controlling Industrial Distorted Loads	13th WSEAS International Conference on Computers	2009	20.00	http://www.wseas.us/conferences/2009/rodos/iccomp/Plenary5.htm
Total 3.2.1					60.00	
3.2.2 Naționale						
1	MANUELA PANOIU	Simularea unor procese pe baza modelării instalației cuptorului trifazat cu arc electric	Conferința Aniversară Hunedoara	2001	5.00	
Total 3.2.2					5.00	
3.3. Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, Organizator de manifestari stiintifice, Recenzor pentru reviste si manifestari stiintifice nationale si internationale(punctajul se acorda pentru fiecare,revista,manifestare stiintifica si recenzie)						
3.3.1 ISI						
	Conferința/Revista		Poziția	Anul	Punctaj	
1	Simulation modeling Practice and theory		Reviewer	2013	10.00	Dovezi A3\Dovezi_A32\A3_3_1_1_SIMPAT.pdf
2	Computer Applications in Engineering Education		Reviewer	2008, 2013	10.00	Dovezi A3\Dovezi_A32\A3_3_1_2_CAEE.pdf
3	Wiley International Transactions on Electrical Energy Systems,		Reviewer	2014	10.00	Dovezi A3\Dovezi_A32\A3_3_1_3_ETEP.pdf
4	IET Generation Transmission and distribution		Reviewer	2014	10.00	Dovezi A3\Dovezi_A32\A3_3_1_4_IET.pdf
5	International Conference on Applied Sciences, ICAS2015, 3 - 5 iunie, WUHAN China		Membru IPC, Reviewer	2015	10.00	International Conference on Applied Sciences
6	International Conference on Applied Sciences, ICAS2014, 2 - 4 octombrie, Hunedoara, Romania		Membru IPC, Reviewer	2014	10.00	http://www.fih.upt.ro/v3/ICAS2014/tqxx.htm
7	2013 International Conference on Applied Sciences, Wuhan, China		Membru IPC, Reviewer, Chairman	2012	10.00	http://www.icoas2013.net/zbh.htm
8	8th WSEAS International Conference on APPLIED INFORMATICS and COMMUNICATIONS		Membru IPC, Reviewer	2009	10.00	http://www.wseas.us/e-library/conferences/2009/moscow/AIC/AIC00.pdf
9	13th WSEAS International Conference on Computers		Membru IPC, Reviewer, Chairman	2009	10.00	http://www.wseas.us/e-library/conferences/2009/rodos/COMPUTERS/COMPUTERS00.pdf
10	WSEAS International Conference on SYSTEMS THEORY and SCIENTIFIC COMPUTATION		Membru IPC, Reviewer	2008	10.00	http://www.wseas.us/e-library/conferences/2008/rhodes/istasc/istasc00.pdf
Total 3.3.1					100.00	

3.3.2.	BDI					
1	Progress in Electromagnetics Research	Reviewer	2009, 2013	6.00	Dovezi A3\Dovezi_A32\A3_3_2_1_PERS.pdf	
2	The 18th IASTED International Conference on Applied Simulation and Modelling ~ASM 2009~	Membru IPC, Reviewer	2009	6.00	http://www.allconferences.com/conferences/2009/20090224123448	
3	The 19th IASTED International Conference on Applied Simulation and Modelling ~ASM 2011~	Membru IPC, Reviewer	2012	6.00	http://www.iasted.org/conferences/ipc-715.html	
4	The 20th IASTED International Conference on Applied Simulation and Modelling ~ASM 2012~	Membru IPC, Reviewer	2012	6.00	http://www.iasted.org/conferences/ipc-776.html	
5	The 5th IASTED International Conference on Modelling, Simulation, and Identification ~MSI 2014 ~	Membru IPC, Reviewer	2014	6.00	http://www.iasted.org/conferences/ipc-820.html	
6	WSEAS Transactions on Circuits and Systems	Reviewer	2013	6.00	Dovezi A3\Dovezi_A32\A3_3_2_6_Review.pdf	
7	Wseas Transactions on Computers	Reviewer	2013	6.00	Dovezi A3\Dovezi_A32\A3_3_2_7_Review.pdf	
8	Wseas Transactions on Systems	Co-Editor, Reviewer	2014	6.00	Dovezi A3\Dovezi_A32\A3_3_2_8_Review_Co-Editor.pdf	
Total 3.3.2				48.00		
3.3.3	Neindexate					
1	International Journal of Education and Information Technologies	Associate Editor	2012	3.00	http://www.naun.org/cms.action?id=3037	
2	1st WSEAS International Conference on Information Technology and Computer Networks (ITCN'12)	Membru IPC, Reviewer	2013	3.00	http://www.wseas.org/cms.action?id=471	
3	12th WSEAS International Conference on Applied Computer and Applied Computational Science (ACACOS '13)	Membru IPC, Reviewer	2012	3.00	http://www.wseas.org/cms.action?id=3305	
4	12th WSEAS International Conference on APPLIED INFORMATICS AND COMMUNICATIONS (AIC '12)	Membru IPC, Reviewer	2012	3.00	http://www.wseas.org/cms.action?id=1458	
5	3th WSEAS International Conference on Electric Power Systems, High Voltages, Electric Machines	Membru IPC, Reviewer, Chairman	2013	3.00	http://wseas.org/cms.action?id=4625	
6	4th International Conference on Education and Educational Technologies	Membru IPC, Reviewer	2013	3.00	http://www.wseas.org/cms.action?id=2879	
7	6th WSEAS International Conference on Education and Educational Technology (EDU'07)	Membru IPC, Reviewer	2007	10.00	http://www.wseas.us/e-library/conferences/2007/venice/edu/committee.htm	
Total 3.3.3				18.00		
3.3.4	Experienta de management					
3.3.4.1	Conducere					
1	Sef catedră	2004 - 2007	3	15		
2	Director de departament	2007 - 2008	1	5		
Total 3.3.4.1				20		
3.3.4.2	Membru organisme de conducere					
1	Consiliul Facultății	1996 - 2014	18	36		
2	Consiliul Departamentului	2008 - 2014	6	12		
Total 3.3.4.2				48.00		
Total A3 - INDEPLINIT (413.08 realizat, minim necesar 60)				413.08		
Minim necesar				60		

FIȘA DE VERIFICARE

Numele și prenumele candidatului: PĂNOIU MANUELA

Criterii Profesor, Abilitare

Universitatea Politehnica Timișoara

Facultatea de Inginerie Hunedoara

Conform cu Anexa nr. 9. , Ordinul ministrului educației, cercetării, tineretului și sportului nr. 6560 din 20 decembrie 2012, respectiv a Ordinului pentru modificarea Anexelor 3,5,9,18,19,24,25,26,27,28,29, 30,31,33,34,35 din 18 iulie 2013 COMISIA INGINERIE ELECTRICĂ

Indicatorul de Merit

Condiții minimale (Ai)			
Categoria			
Nr. crt.	Domeniul de activitate	Condiții profesor/abilitare	Realizat
A1	Activitatea didactică / profesională (A1)	80	185.30
A2	Activitatea de cercetare (A2)	300	912.13
A3	Recunoașterea impactului activității (A3)	60	413.08
Total (A)		440	1510.51

Conditii minimale obligatorii pe subcategorii		Profesor - necesar	Profesor - realizat
A1.1.1 - A1.1.2	Carti si capitole în carti de specialitate	4 carti / capitole	7 (2 capitole, 5 cărți)
A1.2.1 - A1.2.2	Suport didactic	4	12 (4 suport de curs, 8 îndrumătoare de laborator)
A2.1	Articole in extenso in reviste cotate si in volume proceedings indexate ISI Thomson-Reuters *),brevete de inventie	11	41
A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale **)	16	73
A2.4.1	Granturi/proiecte castigate prin competitie (Director/ responsabil)	2	4
A3.1.1 - A3.1.2	Numar de citări in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	40	79 (21 ISI, 58 BDI)

Data

Semnatura