Prof.dr.ing. Andrea Cătălina DEACONESCU

A1. ACTIVITATEA DIDACTICĂ SI PROFESIONALĂ

Barem minim: 130 puncte
Realizat: **163.2175 puncte**

A 1.1 Cărţi şi Capitole în cărţi de specialitate
A1.1.1 Cărţi / Capitole ca autor
A1.1.1.1 Internaţionale

Nr. crt.	Titlul cărţii/capitolul	Autor(i)	Anul	Editura	ISBN	Nr. pagini	Punctaj
1	Intelligent Automation and Systems Engineering Capitolul: Bio-Inspired Pneumatic Muscle Actuated Robotic System	**Deaconescu Andrea**, Deaconescu T.	2011	Springer	978-1-4614-0372-2	14	14/(5*2) = 1.4
2	IAENG Transactions on Engineering Technologies Capitolul: Pneumatic Muscle Actuated Equipment for Continuous Passive Motion.	Deaconescu T., **Deaconescu Andrea**	2009	American Institute of Physics, Melville, New York	978-0-7354-0713-8	12	12/(5*2) = 1.2
TOTAL:							**2.6 puncte**

A1.1.1.2 Naţionale (Edituri recunoscute CNCSIS) (minim 2 ca prim autor)

Nr. crt.	Titlul cărţii/capitolul	Autor(i)	Anul	Editura	ISBN	Nr. pagini	Punctaj
1	Proiectarea sistemelor robuste	**Deaconescu Andrea**	2008	Editura Universităţii Transilvania Braşov	978-973-598-413-7	200	200/10 = 20
2	Ingineria calităţii. Proiectarea robustă a sistemelor de producţie	**Deaconescu Andrea**	2006	Editura Universităţii Transilvania Braşov	973-635-711-2; 978-973-	234	234/10 = 23.4

					635-711-4		
3	Tratat de tehnologii neconvenţionale. Vol. VIII. Prelucrare prin eroziune cu unde ultrasonice Capitolele: Curăţarea, spălarea şi decaparea ultrasonică; Debavurarea ultrasonică	**Deaconescu Andrea** ş.a (+ alţi 15 coautori)	2004	Editura BREN Bucureşti	973-648-385-1	522	522/(10*16) = 3.2625
TOTAL:							**46.6625 puncte**

A 1.2 Material didactic / Lucrări didactice

A1.2.1 Manuale didactice/monografii (minim 2 ca prim autor)

Nr. crt.	Titlul cărţii/capitolul	Autor(i)	Anul	Editura	ISBN	Nr. pagini	Punctaj
1	Management pentru viitor Capitolul: Managementul schimbării în bibliotecile universitare româneşti: un Studiu DELPHI	**Deaconescu Andrea**	2000	Editura Presa Universitară Clujeană	973-595-010-3	8	8/20 = 0.4
2	Birotică	Nedelcu A., Drăgoi V., Deaconescu T., **Deaconescu Andrea**	2001	Editura OMNIA UNI S.A.S.T. Braşov	973-9478-43-3	198	198/(20*4) = 2.475
3	Prelucrarea datelor - Curs pentru Învăţământ la Distanţă	**Deaconescu Andrea**	2009	Reprografia Universitatii Transilvania din Brasov		120	120/20 = 6
4	Managementul comunicării şi tehnici de documentare - Curs pentru Învăţământ la Distanţă	**Deaconescu Andrea**	2009	Reprografia Universitatii Transilvania din Brasov		62	62/20 = 3.1
5	Comunicare în afaceri	**Deaconescu Andrea**	2013	Editura Universităţii Transilvania Braşov	978-606-19-0211-8	190	190/20 = 9.5
TOTAL:							**21.475 puncte**

A1.2.2 Îndrumare de laborator/Aplicaţii (minim 2 ca prim autor)

Nr. crt.	Titlul cărţii/capitolul	Autor(i)	Anul	Editura	ISBN	Nr. pagini	Punctaj
1	Ingineria calităţii. Îndrumar de laborator	**Deaconescu Andrea**	2003	Reprografia Universităţii TRANSILVANIA din Braşov		122	122/25 = 4.88
2	Managementul calităţii. Aplicaţii	**Deaconescu Andrea**, Deaconescu T.	2001	Editura OMNIA UNI S.A.S.T. Braşov	973-9478-65-4	130	130/(25*2) = 2.6
TOTAL:							**7.48 puncte**

A 1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale

Nr. crt.	Denumirea programului de studii	Cicul de studii	Punctaj
1	Organizarea şi gestiunea producţiei (OGP) Director 2005-2007	Colegiu	15
TOTAL:			**15 puncte**

A1.4 Dezvoltarea de noi discipline

Nr. crt.	Denumirea disciplinei	Ciclul de studii	Denumirea programului unde se regăseşte disciplina	Punctaj
1	Proiectarea robustă a sistemelor avansate de producţie	Master	Ingineria fabricaţiei inovative	10
2	Comunicare organizaţională	Master	Managementul afacerilor în industrie	10
3	Comunicare şi negociere în afaceri	Master	Managementul afacerilor în industrie	10
4	Managementul comunicării şi tehnici de documentare	Licenţă	Inginerie economică industrială	10
5	Prelucrarea datelor	Licenţă	Inginerie economică industrială	10
6	Robust System Design	Master	Automation of manufacturing systems	10
7	Design of the Lean Entreprise	Master	Automation of manufacturing systems	10
TOTAL:				**70 puncte**

A2. ACTIVITATEA DE CERCETARE

Barem minim: 230 puncte
Realizat: **725.7415 puncte**

A2.1 Articole in Reviste cotate ISI Thomson Reuters şi în Volume indexate ISI Proceedings (minim 8 articole, din care 2 în reviste)
(După conferirea titlului de Doctor)

Nr.crt.	Autor(i)	Titlul articolului	Revista/Proceedings, cotata/indexata ISI	ISSN/ISBN	Punctaj
1	Deaconescu T., **Deaconescu Andrea**	Film Thickness in Coaxial Sealing Systems of Hydraulic Cylinder Rods	*Journal of the Balkan Tribological Association*, Vol. 20, No 3, 447–462 (2014) **Tip document: Article** Revistă ISI (**IF=0.321**)	1310-4772	(30+10*0.321)/2 = 16.605
2	Petre, I., **Deaconescu Andrea** Rogozea L., Deaconescu T	Orthopaedic Rehabilitation Device Actuated with Pneumatic Muscles	*International Journal of Advanced Robotic Systems*, Volume 11, 2014 (105) **Tip document: Article** Revistă ISI (**IF=0.497**) DOI: 10.5772/58693	Print ISSN 1729-8806, Online ISSN 1729-8814	(30+10*0.497)/4 = 8.7425
3	Negrea, D., **Deaconescu Andrea**, Deaconescu T.	Constructive and Functional Modelling of a Pneumatic Muscle Actuated Symmetric Gripper System with Two Mobile Jaws	IManE, Chişinău, Moldova, 29-30.05.2014, *Applied Mechanics and Materials* Vol. 657, pp. 574-578, Trans Tech Publications, Switzerland **Tip document: Proceedings Paper (Indexată ISI)** doi: 10.4028/www.scientific.net/AMM.657.574	1662-7482	25/3 = 8.33
4	Negrea, D., Deaconescu T., **Deaconescu Andrea**,	Symmetrical Pneumatic Muscle Actuated Gripper System with Two Mobile Jaws	2014 International Conference on Mechatronics, Manufacturing and Automation (ICMMA), Singapore, 19-20 February, *Applied Mechanics and Materials* Vols. 541-542 (2014) pp 852-856, Trans Tech Publications, Switzerland **Tip document: Proceedings Paper (Indexată ISI)**	1662-7482	25/3 = 8.33

			doi:10.4028/www.scientific.net/AMM.541-542.852		
5	Deaconescu T., **Deaconescu Andrea**	Key Aspects in Addressing Friction in Coaxial Hydraulic Sealing Systems	4th International Conference on Manufacturing Science and Engineering (ICMSE) 2013, Dalian, China; *Advanced Materials Research* Vols. 690-693 (2013) pp. 1988-1991, Trans Tech Publications, Switzerland **Tip document: Proceedings Paper (Indexată ISI)** doi:10.4028/www.scientific.net/AMR.690-693.1988. ISSN: 1022-6680	1662-8985	25/2 = 12.5
6	Deaconescu, T., **Deaconescu Andrea**, Petre, I.	Assistive Rehabilitation Device for the Joints of the Lower Limb	*ASME* 2011 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA2011), Washington DC, USA **Tip document: Proceedings Paper (Indexată ISI)**		25/3 = 8.33
7	**Deaconescu Andrea** Deaconescu T.	Bio-inspired Rotation-Translation System for Rehabilitation Robots	World Congress on Engineering and Computer Science 2010 San Francisco, International Association of Engineers (IAENG), Vol. I, pag. 357-360, Editura Newswood Limited Hong Kong. **Tip document: Proceedings Paper (Indexată ISI)**	ISBN:978-988-17012-0-6 ISSN 2078-0958	25/2 = 12.5
8	**Deaconescu Andrea**, Deaconescu, T.	Pneumatic Muscle Actuated Translation Module for Rehabilitation Robots	Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium Viena, Austria, pag. 0709-0710 **Tip document: Proceedings Paper (Indexată ISI)**	ISSN 1726-9679, ISBN 978-3-901509-70-4	25/2 = 12.5

9	Deaconescu T., **Deaconescu Andrea**	Pneumatic Actuation of Equipment Developed for the Rehabilitation of the Lower Limb by Continuous Passive Motion	Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium Viena, Austria, pag. 0519-0520 **Tip document: Proceedings Paper (Indexată ISI)**	ISSN 1726-9679, ISBN 978-3-901509-70-4	25/2 = 12.5
10	**Deaconescu Andrea**, Deaconescu, T.	Performance of Machining by Waterjet Erosion	Proceedings of the 1st International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '09) Braşov 2009, Vol. II, pag. 313-316, Published by WSEAS Press. **Tip document: Proceedings Paper (Indexată ISI)**	ISBN 978-960-474-122-9, ISSN 1790-2769	25/2 = 12.5
11	**Deaconescu Andrea**, Deaconescu, T.	Performance of a Pneumatic Muscle Actuated Rotation Module	World Congress on Engineering Londra 2009, International Association of Engineers (IAENG), Vol. II, pag. 1516-1520, Editura Newswood Limited Hong Kong. **Tip document: Proceedings Paper (Indexată ISI)**	ISBN:978-988-18210-1-0	25/2 = 12.5
12	**Deaconescu Andrea**, Deaconescu, T.	Pneumatic Muscle Actuated Robotized Arm for Rehabilitation Systems	International MultiConference of Engineers and Computer Scientists Hong Kong 2009, International Association of Engineers (IAENG), Proceeding vol. II, pag. 1872-1875, Editura Newswood Limited Hong Kong. **Tip document: Proceedings Paper (Indexată ISI)**	ISBN:978-988-17012-7-5	25/2 = 12.5
13	Deaconescu T., **Deaconescu Andrea**	Pneumatic Muscle Actuated Isokinetic Equipment for the Rehabilitation of Patients with Disabilities of the Bearing Joints	International MultiConference of Engineers and Computer Scientists Hong Kong 2009, International Association of Engineers (IAENG), Proceeding vol. II, pag. 1823-1827, Editura Newswood Limited Hong Kong.	ISBN:978-988-17012-7-5	25/2 = 12.5

			Tip document: Proceedings Paper (Indexată ISI)		
14	Deaconescu T., **Deaconescu Andrea**	Pneumatic Muscle Actuated Equipment for Continuous Passive Motion	IAENG Transactions on Engineering Technologies, Vol 3 Book Series: AIP Conference Proceedings Volume: 1174 Pages: 311-321 Published: 2009 **Tip document: Proceedings Paper (Indexată ISI)**	ISBN:978-0-7354-0713-8	25/2 = 12.5
15	**Deaconescu Andrea**, Deaconescu, T.	Pneumatic Muscle Actuated Rotation Module for Rehabilitation Robots	Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium Trnava, Slovakia, pag. 0365-0366 **Tip document: Proceedings Paper (Indexată ISI)**	1726-9679	25/2 = 12.5
16	**Deaconescu Andrea**, Deaconescu, T.	Pneumatic Muscle Actuated Gripper System	Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium Trnava, Slovakia, pag. 0363-0364 **Tip document: Proceedings Paper (Indexată ISI)**	1726-9679	25/2 = 12.5
17	Deaconescu T., **Deaconescu Andrea**	Equipment for Magneto-Abrasive Finishing of Roller Bearing Balls	6th International Conference of DAAAM Baltic Industrial Engineering, Tallinn, Estonia 2008, Vol. 1 pag. 227-232 **Tip document: Proceedings Paper (Indexată ISI)**	ISBN 978-9985-59-783-5	25/2 = 12.5
18	**Deaconescu Andrea**, Deaconescu, T.	Robust Design of Lapping Processes	6th International Conference of DAAAM Baltic Industrial Engineering, Tallinn, Estonia 2008, Vol. 1 pag. 221-226 **Tip document: Proceedings Paper (Indexată ISI)**	ISBN 978-9985-59-783-5	25/2 = 12.5
19	**Deaconescu Andrea**, Deaconescu, T.	Contribution to the Behavioural Study of Pneumatically Actuated Artificial Muscles	6th International Conference of DAAAM Baltic Industrial Engineering, Tallinn, Estonia 2008, Vol. 1 pag. 215-220	ISBN 978-9985-59-783-5	25/2 = 12.5

			Tip document: Proceedings Paper (Indexată ISI)		
TOTAL:					**225.3375 puncte**

A2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (minim 8 articole)
Bazele de date internaţionale (BDI) luate în considerare pentru articolele publicate în reviste şi publicate în volumele unor manifestări ştiinţifice, cu excepţia articolelor publicate în reviste cotate ISI, sunt cele recunoscute pe plan ştiinţific internaţional precum (nelimitativ): Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP, Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC, Referativnai Jurnal, Google Scholar.

Nr.crt.	Autor(i)	Titlul articolului	Revista	ISSN	Baza de date	Punctaj
1	**Deaconescu Andrea**	Robust Design Based Optimisation of Surface Lapping Processes	*Revista de Management şi Inginerie Economică - Review of Management and Economic Engineering* (RMEE), Volume 14, No. 1 (55), 2015, pag. 29-38.	1583-624X	Google Scholar	15
2	Petre, I., Deaconescu T., **Deaconescu Andrea**	Concerning on a Lower Limb Joint Affections Rehabilitation Equipment Command	*Applied Mechanics and Materials* Vol. 772/2015, pp. 580-584, Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.772.580.	1660-9336	Google Scholar	15/3 = 5
3	**Deaconescu Andrea**, Deaconescu, T.	Pneumatic Muscle Actuated Rotation-Translation System	Optirob 2014, Mangalia, România, *Applied Mechanics and Materials* Vol. 555, pp. 129-134, Trans Tech Publications, Switzerland doi: 10.4028/www.scientific.net/AMM.555.129	1662-7482	Scopus	15/2 = 7.5
4	Negrea, D., **Deaconescu Andrea**, Deaconescu T.	Actuation by Pneumatic Muscles of a Parallel Asymmetric Gripper System	2014 International Conference on Manufacturing and Industrial Technologies (ICMIT 2014), Shanghai, China, 27-28 March 2014, *Applied Mechanics and Materials* Vols. 548-549, pp 943-947, Trans Tech Publications, Switzerland. doi:10.4028/www.scientific.net/AMM.548-549.943	1662-7482	Scopus	15/3 = 5

5	Deaconescu T. **Deaconescu Andrea**, Petre I.	Continuous passive motion-based rehabilitation equipment for the recovery of lower limb bearing joints	*Int. J. Biomechatronics and Biomedical Robotics*, Vol. 3, No. 1, 2014, pag. 12-19	ISSN online: 1757-6806; ISSN print: 1757-6792	INSPEC Google Scholar	15/3 = 5
6	**Deaconescu Andrea**, Deaconescu, T.	Improving the Quality of Surface Finished by Lapping by Robust parameter Design	3rd International Conference on Strategy Management and Research (ICSMR 2013), Barcelona 2013, *Journal of Economics, Business and Management* (JOEBM), Vol. 2, No. 1/2014, pag. 1 – 4	2301-3567	Google Scholar	15/2 = 7.5
7	**Deaconescu Andrea** Deaconescu, T.	Analysis of the Impact of Robust Design on the Performance of a Plane Lapping System	2012 International Conference on Advances in Materials Science and Engineering, 27-28 September 2012, Bangkok, Thailand, *Advanced Science Letters*, Vol. 19, No. 1, 27-31 DOI: http://dx.doi.org/10.1166/asl.2013.4658	1936-6612 (Print): 1936-7317 (Online)	Scopus, Elsevier, Compendex	15/2 = 7.5
8	Deaconescu T. **Deaconescu Andrea**	Functional Characteristics of Pneumatic Muscle Actuated Rehabilitation Equipment for the Joints of the Inferior Limb	2012 International Conference on Advances in Materials Science and Engineering, 27-28 September 2012, Bangkok, Thailand, *Advanced Science Letters* Vol. 19, No. 1, 85-89. DOI: http://dx.doi.org/10.1166/asl.2013.4657	1936-6612 (Print): 1936-7317 (Online)	Scopus, Elsevier, Compendex	15/2 = 7.5
9	Deaconescu, T., **Deaconescu Andrea**	Magneto-Abrasive Finishing of Complex Surfaces	*Nonconventional Technologies Review*, vol. XVII, no. 4/2013, Romanian Association of Nonconventional Technologies Romania, "Politehnica" Publishing House, pag. 31-36	1454-3087	Google Scholar	15/2 = 7.5
10	Deaconescu, T., **Deaconescu Andrea**	Optimisation of Abrasive Jet Cutting by Means of Taguchi Methods	*Nonconventional Technologies Review*, vol. XVII, no. 4/2013, Romanian Association of Nonconventional Technologies Romania, "Politehnica" Publishing House, pag. 26-30	1454-3087	Google Scholar	15/2 = 7.5
11	Deaconescu T. **Deaconescu Andrea**	Rehabilitation of the Ankle Joint by Means of	Proceedings of the Ninth IASTED International Conference on Biomedical Engineering,	ISBN: 978-0-	Scopus	15/2 = 7.5

		Equipment Actuated by Pneumatic Muscles	Innsbruck, Austria, 15-17 februarie 2012, pag. 297-302	88986-909-7		
12	Petre, I., Deaconescu T., **Deaconescu Andrea**	Researches Regarding WINPISA Software Commands Influence of an Rehabilitation Equipment	*Journal of Electrical and Electronics Engineering*, Vol. 5, No. 1, May 2012, Academy of Romanian Scientists, University of Oradea Publisher	1844-6035	Google Scholar	15/3 = 5
13	Deaconescu, T., **Deaconescu Andrea**, Deaconescu, T.	Pneumatic Equipment for Rehabilitation and Mobilization of the Upper Limb	International MultiConference of Engineers and Computer Scientists Hong Kong 2011, International Association of Engineers (IAENG), Proceedings vol. II, pag. 1331-1335, Editura Newswood Limited Hong Kong.	ISBN:978-988-19251-2-1	Scopus	15/3 = 5
14	Deaconescu, T., **Deaconescu Andrea**	Pneumatic Muscle Actuated Gripper	International MultiConference of Engineers and Computer Scientists Hong Kong 2011, International Association of Engineers (IAENG), Proceedings vol. II, pag. 1305-1308, Editura Newswood Limited Hong Kong.	ISBN:978-988-19251-2-1	Scopus	15/2 = 7.5
15	Petre, I., Deaconescu, T., **Deaconescu, Andrea**, Petre, D.	Kinematic analysis of three bar mechanism linked with rotation joints	Recent Researches in Neural Networks, Fuzzy Systems, Evolutionary Computing and Automation, 12th WSEAS International Conference Braşov 2011, pag. 185 – 188, Published by WSEAS Press	ISBN 978-960-474-292-9	Google Scholar	15/4 = 3.75
16	**Deaconescu Andrea** Deaconescu, T.	Robust Design – A Decision Making Tool in Machining by Lapping	The 2nd International Conference on Computer and Automation Engineering Singapore, ICCAE 2010, vol. 5, pag. 198 – 202, IEEE Catalog Number: CFP1096F-PRT	ISBN 978-1- 4244-5585-0	IEEE Xplore, Engineering Village, Scopus	15/2 = 7.5
17	Deaconescu, T., **Deaconescu Andrea**	Continuous Passive Motion Based Rehabilitation Equipment Actuated by Pneumatic Muscles	7th International Fluid Power Conference Aachen (RWTH Aachen University), Germany, 2010, CD Proceedings, pag. 1 – 12, Apprimus Verlag Aachen, Germania.	ISBN 978-3-940565-90-7	Google Scholar	15/2 = 7.5
18	Deaconescu, T., **Deaconescu Andrea**	Construction and Dynamic Performance of a Pneumatic Muscle	Proceedings in Manufacturing Systems, vol. 5, No. 4/2010, Editura Academiei Române Bucureşti, 2010	2067-9238	Google Scholar	15/2 = 7.5

		Actuated Translation Module for Robotic Arms Designed for Wheelchairs				
19	Petre, I., Deaconescu, T., Petre, D., **Deaconescu, Andrea**, Pascu, A.	Theoretical Researches Regarding Finite Element Analysis of MAS-20-750N-AA-MC-O-ER-BG Pneumatic Muscle	Annals of DAAAM for 2010 & Proceedings of the 21st International DAAAM Symposium Zadar, Croaţia, pag. 1175-1176	1726-9679	Google Scholar	15/5 = 3
20	Deaconescu, T., **Deaconescu Andrea** Limbăşan, G., Ichim, I., Găvruş, C.	Pneumatic Muscle Actuated Equipment for the Passive Exercising of Inferior Limb Bearing Joints	*Revista RECENT* Vol. 10(2009), Nr. 3(27), pag. 237 - 240	1582-0246	Google Scholar	15/5 = 3
21	**Deaconescu Andrea** Deaconescu, T.	Aspects regarding the roughness of surfaces obtained by lapping	*Journal of the Balkan Tribological Association*, Vol. 12, No. 1/2006, pag. 16 – 23, Sofia, Bulgaria	1310-4772	Google Scholar	15/2 = 7.5
TOTAL:						**139.75 puncte**

A2.3 Articole in extenso în Reviste/Proceedings naţionale/internaţionale neindexate

Nr.crt.	Autor(i)	Titlul articolului	Revista/Proceedings	ISSN	Punctaj
1	Deaconescu T., **Deaconescu Andrea**	Biomimetic Actuation of Non-Anthropomorphic Gripper Systems	Conference Proceedings of the Academy of Romanian Scientists, PRODUCTICA Scientific Session, Volume 7, Number 1/2015, pag. 265 – 272.	2067-2160	4/2 = 2
2	Deaconescu T., **Deaconescu Andrea**	Design and Evaluation of a Pneumatic Muscle Actuated Gripper	XII International Science Conference, "ICMIE 2014 - International Conference on Mechanical and Industrial Engineering", Los Angeles, SUA, 29-30.09.2014, World Academy of Science,		6/2 = 3

			Engineering and Technology, International Science Index 93, *International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering*, 8(9), 1570 - 1576		
3	**Deaconescu Andrea** Deaconescu T.	A Novel Dedicated Software Application for Robust Optimisation of Lapping Processes	Conference Proceedings of the Academy of Romanian Scientists, PRODUCTICA Scientific Session, Volume 6, Number 1/2014, pag. 189 – 196	2067-2160	4/2 = 2
4	Negrea D., **Deaconescu Andrea** Deaconescu T.	Principles and Stages of New Gripper Systems Development	Revista *RECENT* Vol. 14(2013), Nr. 4(40), pag. 301 - 306	1582-0246	6/3 = 2
5	Deaconescu, T., **Deaconescu Andrea**	Medical Recovery System of the Upper Limb Muscles	Revista *RECENT* Vol. 14(2013), Nr. 4(40), pag. 242 - 245	1582-0246	6/2 = 3
6	**Deaconescu Andrea** Deaconescu T.	Optimisation by Robust Parameter Design of the Tooling Allowance in Lapping Processes	*Buletinul Institutului Politehnic din Iaşi*, publicat de Universitatea Tehnică « Gh. Asachi » din Iaşi, Tomul LIX(LXIII), Fasc. 3, Secţia Construcţii de maşini, pag. 75-82, Editura POLITEHNIUM, 2013	1011-2855	6/2 = 3
7	Deaconescu, T., **Deaconescu Andrea**	Applications of Pneumatic Muscles Developed at the Festo Regional Research and Training Centre of Braşov	Conference Proceedings of the Academy of Romanian Scientists, PRODUCTICA Scientific Session, Volume 5, Number 1/2013, pag. 9 – 16	2067-2160	4/2 = 2
8	Deaconescu, T., **Deaconescu Andrea**	Selfadaptive Mobilization and Medical Recovery System of the Upper Limb Muscles	Proceedings of the 16th International Conference “Modern Technologies, Quality and Innovation ModTech 2012”, Sinaia, 24-26 Mai 2012, Vol. I, pag. 273 – 276	2069-6736	4/2 = 2
9	**Deaconescu Andrea** Deaconescu T., Petre, I.	Operational Performance of a Pneumatic Muscle Actuated Rehabilitation Device	*Buletinul Institutului Politehnic din Iaşi*, publicat de Universitatea Tehnică « Gh. Asachi » din Iaşi, Tomul LVII(LXI), Fasc. 4, Secţia Construcţii de maşini, pag. 92-99, Editura POLITEHNIUM, 2011	1011-2855	6/3 = 2

10	**Deaconescu Andrea** Deaconescu T.	Signal-to-Noise Ratio Based Robustness Analysis of a Pneumatic Muscle Actuated Rehabilitation Device	*Buletinul Institutului Politehnic din Iaşi*, publicat de Universitatea Tehnică « Gh. Asachi » din Iaşi, Tomul LVII(LXI), Fasc. 4, Secţia Construcţii de maşini, pag. 83-91, Editura POLITEHNIUM, 2011	1011-2855	6/2 = 3
11	**Deaconescu Andrea** Deaconescu T.	Computer-Aided Study on Certain Causes of Hydraulic Sealing System Deterioration	Proceedings of the 15th International Conference "Modern Technologies, Quality and Innovation ModTech 2011", Vadul lui Vodă, Chişinău, Moldova, Vol. I, pag. 297 – 300	2069-6736	4/2 = 2
12	**Deaconescu Andrea** Deaconescu T.	Computer-Aided Selection of the Optimum Working Parameters for Surface Machining by Plane Lapping	Proceedings of the 15th International Conference "Modern Technologies, Quality and Innovation ModTech 2011", Vadul lui Vodă, Chişinău, Moldova, Vol. I, pag. 293 – 296	2069-6736	4/2 = 2
13	Deaconescu, T., **Deaconescu Andrea**, Petre, I.	Robotic Manipulating System Actuated by Pneumatic Muscles	Proceedings of the Fifth International Conference on Optimization of the Robots and Manipulators OPTIROB 2010, 28-30 May 2010 Călimăneşti, Romania, Research Publishing Services Singapore, pag. 131-135	ISBN 978-981-08-5840-7	4/3 = 1.33
14	Deaconescu, T., **Deaconescu Andrea**	Study of Non-Anthropomorphic Pneumatic Muscle Actuated Gripper	6th International Fluid Power Conference Dresden, Germania, 2008, Vol. 2, pag. 267-277		4/2 = 2
15	**Deaconescu Andrea**	Design and Development of the Technological Processor for Plane Surface Lapping	Proceedings of the International Conference on Manufacturing Systems, ICMaS 2006, Editura Academiei Bucureşti 2006, pag. 387 - 390	1842-3183	4
TOTAL:					**35.33 puncte**

A2.4 Proprietate intelectuală, brevete de invenţie şi inovaţie etc.

Cerere de brevet de invenţie: Nr. A/00133/15.02.2010 – "Echipament destinat antrenării şi reabilitării articulaţiilor portante ale membrului inferior prin mişcare continuă pasivă".
Cerere de brevet de invenţie: Nr. A00246/6.04.2015 - "Sistem de prehensiune paralel cu două bacuri, asimetric, acţionat cu muşchi pneumatici"

A2.5 Granturi/proiecte câştigate prin competiţie
A2.5.1 Director/ Responsabil - Minim 2D sau 4R

Nr.crt.	Denumire Grant / Proiect, valoare, perioada, funcţia	Internaţional/ naţonal	Punctaj	Observaţii
1	Dezvoltarea de module de rotaţie şi de translaţie destinate roboţilor de reabilitare, acţionate de muşchi pneumatici (echivalent 91457 euro) Director de proiect	Naţional	10*91457/(10000*3)= 30.485	Contract CNCSIS tip IDEI, PN-II-ID-PCE-2007-1, ID_184
2	Robust Design of Lapping Processes. (1103 euro) Director de proiect	Naţional	10*1103/(10000*1) = 1.103	Contract CNCSIS tip Resurse umane, PN-II-RU-MC-2008-2, cod CNCSIS: 44
3	Development of new Light Mechatronic SYStems based on dynamics and control optimisation (LIMESYS). (299604 euro) Responsabil ştiinţific	Internaţional	20*299604/(10000*3) = 199.736	Contract MTKD-CT-2004-014249, FP6, Marie Curie Actions
		TOTAL:	**231.324 puncte**	

A2.5.2 Membru în echipă

Nr.crt.	Denumire Grant / Proiect	Internaţional/ naţional	Punctaj	Observaţii
1	Edu-Antreprenor (Proiectarea, implementarea şi derularea unui sistem de formare continuă, inter-regional şi transnaţional, pentru obţinerea competenţelor antreprenoriale)	Naţional	2*3 = 6	FSE POSDRU/9/3.1/S/9 ID_85

2	Echipament izokinetic acţionat cu muşchi pneumatici, destinat recuperării bolnavilor cu afecţiuni posttraumatice ale articulaţiilor portante Director Deaconescu Tudor	Naţional	2*1 = 2	Contract CNCSIS tip IDEI, PN-II-ID-PCE-2008-2, ID_764
3	Cercetări privind performanţele muşchilor pneumatici folosiţi la acţionarea prehensoarelor roboţilor non-antropomorfici Director Deaconescu Tudor	Naţional	2*1 = 2	Contract CNCSIS tip A nr. 4GR/28.05.2007, cod 1054/2007, tema 8
4	Individualized Learning Enhanced by Virtual Reality Director Scutaru Ghoerghe	Internaţional	4*3 = 12	Contract 229930-CP-1-2006-1-RO-MINERVA-MPP
5	Virtual-Electro-Lab. Pilot Project Director Scutaru Gheorghe	Internaţional	4*3 = 12	Contract Leonardo da Vinci RO/01/B/F/PP 141024 (2002 – 2004)
6	Intercultural Educational Dialogues: What unites us, what separates us! Director Talabă Doru	Internaţional	4*1 = 4	Contract 109945-CP-1-2003-1-GR-Minerva-M
7	Design and manufacturing of a device for the rotation by two axes of a camera (pan – tilt head) – mechanical part. Director Deaconescu Tudor	Internaţional	4*1 = 4	Contract nr. IAT-ARTN 01/2002. Beneficiar Universität Bremen, Germania, Institut für Automatisierungstechnik
8	Design and manufacturing of the electric drive and control of a device for the rotation by two axes of a camera (pan – tilt head). Director Calefariu Gavrilă	Internaţional	4*1 = 4	Contract nr. IAT-ARTN 02/2002. Beneficiar Universität Bremen, Germania, Institut für Automatisierungstechnik
9	Utilizarea materialelor magnetice cu performanţe superioare pentru optimizarea echipamentelor electrotehnice Director Nicolaide Andrei	Naţional	2*1 = 2	Contract nr. 33253/2003, tema 14, cod CNCSIS 610
10	Utilizarea materialelor magnetice cu performanţe superioare pentru optimizarea echipamentelor electrotehnice. Director Nicolaide Andrei	Naţional	2*1 = 2	Contract nr. 33459/2002, tema 27, cod CNCSIS 526
11	Utilizarea materialelor magnetice cu performanţe superioare pentru optimizarea echipamentelor electrotehnice	Naţional	2*1 = 2	Contract nr. 4133/2001, tema 24, cod CNCSIS 81

	Director Nicolaide Andrei			
12	Studiul magneţilor permanenţi utilizaţi la realizarea demaroarelor. Proiectarea demaroarelor cu magneţi permanenţi Director Nicolaide Andrei	Naţional	2*1 = 2	Contract nr. 770 tema A1/1998 – 2000
TOTAL:			**54 puncte**	

2.6 Coordonare/ dezvoltare laborator/ centru cercetare (dacă este şi didactic, punctajul se cuantifică o singura dată)

Nr.crt.	Denumire Laborator/centru cercetare	Punctaj	Observaţii
1	Laborator de proiectare robustă a sistemelor	40	Laborator didactic şi de cercetare
	TOTAL:	**40 puncte**	

A3. RECUNOAŞTEREA ŞI IMPACTUL ACTIVITĂŢII

Barem minim: 70 puncte
Realizat: **259.41 puncte**

A3.1 Citări în reviste ISI şi BDI
A3.1.1 ISI

Nr.crt.	Lucrare citată	Autori/Lucrare/Publicaţia care a citat	Punctaj
1	**Deaconescu, Andrea**, Deaconescu, T. *Aspects regarding the roughness of surfaces obtained by lapping.* Journal of the Balkan Tribological Association, Vol. 12, No. 1/2006, pag. 16 – 23, Sofia, Bulgaria	Nasser Beliardouh, Corinne Nouveau, Hakan Kaleli. Wear Performance of Duplex Treated Low Alloyed Steel against Wood (Beech) as Static Partner. *Journal of the Balkan Tribological Association*, Book1/2014.	10/2 = 5
2	**Deaconescu Andrea**, Deaconescu T. *Performance of a Pneumatic Muscle Actuated Rotation Module*. World Congress on Engineering Londra 2009, International Association of Engineers (IAENG), Vol. II,	Robert D Vocke III, Curt S Kothera and Norman M Wereley. Mechanisms and bias considerations for design of a bi-directional pneumatic artificial muscle actuator. *Smart Materials and Structures*, Volume 23 Number 12, 2014	10/2 = 5

	pag. 1516-1520, Editura Newswood Limited Hong Kong. ISBN 978-988-18210-1-0		
TOTAL:			**10 puncte**

A3.1.2 BDI

Nr.crt.	Lucrare citată	Autori/Lucrare/Publicaţia care a citat	Punctaj
1	**Deaconescu Andrea**, Deaconescu T. *Performance of a Pneumatic Muscle Actuated Rotation Module*. World Congress on Engineering Londra 2009, International Association of Engineers (IAENG), Vol. II, pag. 1516-1520, Editura Newswood Limited Hong Kong. ISBN 978-988-18210-1-0	More, Marcel, and Ondrej Líška. "Comparison of different methods for pneumatic artificial muscle control." Applied Machine Intelligence and Informatics IEEE Xplore (2013).	5/2 = 2.5
2		Wang, Bin-Rui, Ying-Lian Jin, and Dong Wei. "Modeling of pneumatic muscle with shape memory alloy and braided sleeve." International Journal of Automation and Computing 7.3 (2010): 283-288.	5/2 = 2.5
3		Samarasekara, A. P. K. G. S. "Static analysis of the pneumatic muscles used in robot arms." Industrial and Information Systems (ICIIS), 2009 International Conference on. IEEE, 2009. IEEE Xplore	5/2 = 2.5
4		Vocke, Robert D., Curt S. Kothera, and Norman M. Wereley. "Mechanism and Bias Considerations for Design of a Bi-Directional Artificial Muscle Actuator." ASME 2012 Conference on Smart Materials, Adaptive Structures and Intelligent Systems. American Society of Mechanical Engineers, 2012.	5/2 = 2.5
5		Líška, O., and M. More. "Development of control system for rehabilitation device actuated by pneumatic artificial muscles." Latest Trends on Systems - Volume II	5/2 = 2.5
6		Negrea, Doina. "Pneumatic Muscle Actuated Parallel Asymmetric Gripper System with a Mobile and a Fixed Jaw." Applied Mechanics and Materials. Vol. 657. 2014.	5/2 = 2.5
7		Visan, Alexandra Liana, and Guido Belforte. "A Model Analysis and Validation of a Pneumatic Muscle Made from Advanced Materials." Applied Mechanics and Materials. Vol. 245. 2013.	5/2 = 2.5

8		More, Marcel, and Ondrej Liska. "Control of servo system driven by pneumatic artificial muscles." Applied Machine Intelligence and Informatics (SAMI), 2014 IEEE 12th International Symposium on. IEEE, 2014. IEEE Xplore	5/2 = 2.5
9	Deaconescu T., **Deaconescu, Andrea** *Study of a non-anthropomorphic pneumatic muscle actuated gripper* 6th International Fluid Power Conference Dresden, Germania, 2008, Vol. 2, pag. 267-277	Ichim, Izabella. "Experimental Determination of Pneumatic Muscle Inflation and Deflation Time." RECENT Revue 10 (2009): 27.	5/2 = 2.5
10		Ichim, Izabella, Vladimir Mărăscu-Klein. "Experimental research regarding the dynamic performance of pneumatic muscles." RECENT Vol. 12 (2011), No. 3 (33), November 2011	5/2 = 2.5
11		Ichim, Izabella, Vladimir Mărăscu-Klein. "Studies regarding the dependence force-input pressure of pneumatic artificial muscle." Annals of DAAAM & Proceedings (2009).	5/2 = 2.5
12		Ichim, Izabella. "Experimental determination of connecting pipe length influence to the data acquired, RECENT Vol. 10 (2009), No. 3 (27), November 2009	5/2 = 2.5
13	Deaconescu, T., **Deaconescu Andrea** *Pneumatic muscle actuated isokinetic equipment for the rehabilitation of patients with disabilities of the bearing joints* International MultiConference of Engineers and Computer Scientists Hong Kong 2009, International Association of Engineers (IAENG), Proceeding vol. II, pag. 1823-1827, Editura Newswood Limited Hong Kong. ISBN 978-988-18210-1-0	Andrikopoulos, Georgios, Georgios Nikolakopoulos, Stamatis Manesis. "A survey on applications of pneumatic artificial muscles." Control & Automation (MED), 2011 19th Mediterranean Conference on. IEEE, 2011. IEEE Xplore	5/2 = 2.5
14		Petre, Ioana, Dan Petre. "Studies on the Applicability of the Pneumatic Muscle in Industry." RECENT Vol. 10 (2009), No. 3 (27).	5/2 = 2.5
15		Petre, Ioana. "Dynamic modeling of a rehabilitation equipment." RECENT Vol. 12 (2011), No. 3 (33), November 2011	5/2 = 2.5
16		Shi X, Wang H, Sun L, Gao F, Wu Z. Design and Dynamic Analysis of an Exoskeletal Lower Limbs Rehabilitation Robot. Journal of Mechanical Engineering 01/2014; 50(3):41. DOI: 10.3901/JME.2014.03.041	5/2 = 2.5
17	**Deaconescu, Andrea**, Deaconescu, T. *Pneumatic muscle actuated robotized arm for rehabilitation systems*.	Andrikopoulos, Georgios, Georgios Nikolakopoulos, Stamatis Manesis. "A survey on applications of pneumatic artificial muscles." Control & Automation (MED), 2011 19th Mediterranean Conference on. IEEE, 2011. IEEE Xplore	5/2 = 2.5

	Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium Trnava, Slovakia, pag. 0365-0366		
18	**Deaconescu Andrea**, Deaconescu, T. *Contribution to the Behavioural Study of Pneumatically Actuated Artificial Muscles* 6th International Conference of DAAAM Baltic Industrial Engineering, Tallinn, Estonia 2008, Vol. 1 pag. 215-220 ISSN: 2346-612X	Petre, Ioana, Dan Petre. "Studies on the Applicability of the Pneumatic Muscle in Industry. RECENT Vol. 10 (2009), No. 3 (27).	5/2 = 2.5
19		Krishnan, S., et al. "Silk Pneumatic Artificial Muscle (SPAM) construction for bio-medical engineering application." Business Engineering and Industrial Applications Colloquium (BEIAC), 2012 IEEE. IEEE, 2012. IEEE Xplore	5/2 = 2.5
20		Negrea, Doina. "Pneumatic Muscle Actuated Parallel Asymmetric Gripper System with a Mobile and a Fixed Jaw" Applied Mechanics and Materials. Vol. 657. 2014.	5/2 = 2.5
21		Petre, Ioana. "Pneumatic Muscle Diameter Evolution under Compressed Air Action" Journal of Electrical & Electronics Engineering 5.1 (2012). ISSN: 1844-6035	5/2 = 2.5
22	Deaconescu T., **Deaconescu, Andrea** *Pneumatic muscle actuated equipment for continuous passive motion* IAENG Transactions on Engineering Technologies Volume 3; Capitol de carte: *Pneumatic Muscle Actuated Equipment for Continuous Passive Motion.* American Institute of Physics, Melville, New York 2009, ISBN: 978-0-7354-0713-8	Dzahir, Mohd Azuwan Mat, and Shin-Ichiroh Yamamoto. "Recent trends in lower-limb robotic rehabilitation orthosis: Control scheme and strategy for pneumatic muscle actuated gait trainers." Robotics 2014, 3(2), 120-148; doi:10.3390/robotics3020120. ISSN: 2218-6581	5/2 = 2.5
23	**Deaconescu Andrea**, Deaconescu, T. *Performance of Machining by Waterjet Erosion* Proceedings of the 1st International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '09) Braşov 2009, Vol. II, pag. 313-316, ISBN: 9789604741212	Abdel-Rahman, Adel A. "A Closed-form Expression for an Abrasive Waterjet Cutting Model for Ceramic Materials." International Journal of Mathematical Models and Methods in Applied Sciences 5.4 (2011): 722-729.	5/2 = 2.5
24		Dumitrascu, Adela-Eliza, et al. "Reliability Estimation of Parameters of Helical Wind Turbine with Vertical Axis." The Scientific World Journal (2014).	5/2 = 2.5
25		Kartal, Fuat, and Hasan Gokkaya. "Turning with abrasive water jet machining–a review." Engineering Science & Technology, an International Journal 16.3 (2013).	5/2 = 2.5

26	**Deaconescu, Andrea**, Deaconescu, T. *Pneumatic Muscle Actuated Rotation Module for Rehabilitation Robots* Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium Trnava, Slovakia, pag. 0365-0366, ISSN: 1726-9679	Ichim, Izabella. "Experimental Determination of Pneumatic Muscle Inflation and Deflation Time." RECENT Revue 10 (2009): 27.	5/2 = 2.5
27		Ichim, Izabella, Vladimir Mărăscu-Klein. "Experimental research regarding the dynamic performance of pneumatic muscles." RECENT Vol. 12 (2011), No. 3 (33), November 2011	5/2 = 2.5
28		Ichim, Izabella, Vladimir Marascu-Klein. "Studies regarding the dependence force-input pressure of pneumatic artificial muscle." Annals of DAAAM & Proceedings (2009), ISSN: 1726-9679	5/2 = 2.5
29		Ichim, Izabella. "Experimental determination of connecting pipe length influence to the data acquired. "RECENT Vol. 10 (2009), No. 3 (27).	5/2 = 2.5
30	**Deaconescu Andrea**, Deaconescu, T. *Robust Design – A Decision Making Tool in Machining by Lapping* The 2nd International Conference on Computer and Automation Engineering Singapore, ICCAE 2010, vol. 5, pag. 198 – 202, ISBN: 978-1- 4244-5585-0	Modi, Krunal P., S. P. Joshi, and P. M. George. "“Improvement in surface finish by lapping process”-a review." International Journal of Engineering, Science and Mathematics 2.1 (2013): 175-184.	5/2 = 2.5
31	**Deaconescu Andrea**, Deaconescu, T. *Robust Design of Lapping Processes* 6th International Conference of DAAAM Baltic Industrial Engineering, Tallinn, Estonia 2008, Vol. 1 pag. 221-226, ISSN: 2346-612X	Nagarajan, T., et al. "Experimental Investigation-Natural Fiber Braided Sleeve for Pneumatic Artificial Muscles Actuation." Asian Journal of Scientific Research 6.3 (2013): 596-602.	5/2 = 2.5
32		Modi, Krunal P., S. P. Joshi, and P. M. George. "“Improvement in surface finish by lapping process”-a review." International Journal of Engineering, Science and Mathematics 2.1 (2013): 175-184.	5/2 = 2.5
33	Deaconescu, T., **Deaconescu, Andrea** *Pneumatic Muscle Actuated Gripper* International MultiConference of Engineers and Computer Scientists Hong Kong 2011, International Association of Engineers (IAENG), Proceedings vol. II, pag. 1305-1308, Editura Newswood Limited Hong Kong, ISBN:978-988-19251-2-1	Negrea, Doina. "Pneumatic Muscle Actuated Parallel Asymmetric Gripper System with a Mobile and a Fixed Jaw." Applied Mechanics and Materials. Vol. 657. 2014.	5/2 = 2.5

34	**Deaconescu, Andrea**, Deaconescu, T. *Aspects regarding the roughness of surfaces obtained by lapping.* Journal of the Balkan Tribological Association, Vol. 12, No. 1/2006, pag. 16 – 23, Sofia, Bulgaria, ISSN 1310-4772	Cruciat, Petru and Flavius Aurelian Sârbu. "Bearing percentage of the surfaces." RECENT Vol. 08 (2007), No. 3 (21 a,b), November 2007	5/2 = 2.5
35	Deaconescu, T., **Deaconescu, Andrea** *Functional Characteristics of Pneumatic Muscle Actuated Rehabilitation Equipment for the Joints of the Inferior Limb* 2012 International Conference on Advances in Materials Science and Engineering, 2012, Bangkok, Thailand, Advanced Science Letters Vol. 19, No. 1, 85-89 (2013), ISSN: 1936-6612 (Print): EISSN: 1936-7317 (Online)	Dănilă, Adrian, and Ioana Mădălina Petre. "A nonlinear, inertial-type approximation of the pneumatic artificial muscle model. experimental determination of the equivalent frequency transfer function." RECENT, Vol. 15, no. 3(43), November, 2014	5/2 = 2.5
36	Petre I., **Deaconescu Andrea**, Rogozea L., Deaconescu T. *Orthopaedic Rehabilitation Device Actuated with Pneumatic Muscles* International Journal of Advanced Robotic Systems, Volume 11, 2014 (105), Print ISSN 1729-8806, Online ISSN 1729-8814, DOI: 10.5772/58693, ISI Impact Factor: 0.497; SRI = 0,301	Drăgan Liliana. "Research Concerning the Actuation of a Revolute Joint Using Braided Pneumatic Muscles". Scientific Bulletin Series C : Fascicle Mechanics, Tribology, Machine Manufacturing Technology 28 (2014): 28-32.	5/4 = 1.25
37	Deaconescu, T., **Deaconescu, Andrea**, Petre, I. *Assistive Rehabilitation Device for the Joints of the Lower Limb* ASME 2011 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA2011), Washington DC, USA, 28-31 August 2011	Tseng, Tzu-Yu. "Design and Experimental Evaluation of a Gravity-Free Dual-Posture Muscle Training Assistive Device for Lower Limb Paralysis Patients." (2014). pc01.lib.ntust.edu.tw	5/3 = 1.66
TOTAL:			**90.41 puncte**

A.3. 2 Prezentări invitate în plenul unor manifestări ştiinţifice naţionale (10 puncte) şi internaţionale (20 puncte) și Profesor invitat (exclusiv ERASMUS)
A3.2.1 Internaţionale

Nr.crt.	Denumirea manifestării ştiinţifice/Organizatori	Titlul prezentării	Anul prezentării	Locatia	Punctaj
1	The 2nd International Conference on Manufacturing and Industrial Technologies (ICMIT 2015) Science and Engineering Institute (SCIEI) Conference Chair & Plenary Speaker	Study Concerning the Increase of Productivity in Machining by Lapping	2015	Pattaya, Thaillanda	20
TOTAL:					**20 puncte**

A 3.3 Membru în colectivele de redacţie sau comitete ştiinţifice al revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice / Recenzent pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale indexate ISI.
A3.3.2 BDI

Nr.crt.	Denumire manifestare ştiinţifică/ Denumire Revistă ştiinţifică	Tipul manifestării/publicaţiei	Activitatea Membru/organizator/recenzor	Punctaj
1	Revista RECENT Industrial Engineering Journal Editată de Universitatea Transilvania din Braşov p-ISSN 1582-0246; e-ISSN 2065-4529	Categoria B+ CNCSIS	Editorial Team Linguistic Administrator	8
2	BULLETIN OF THE TRANSILVANIA UNIVERSITY OF BRASOV SERIES I - Engineering Sciences ISSN 2065-2119 (Print), ISSN 2065-2127 (CD-ROM)	Categoria B+ CNCSIS	Editor	8
3	Proceedings of the International Conference on Optimization of Electrical and Electronic Equipments OPTIM 2002	Manifestare ştiinţifică internaţională	Organising Committee	8
4	International Conference on Economic Engineering and Manufacturing Systems ICEEMS 2003	Manifestare ştiinţifică internaţională	Organising Committee	8

5	International Conference on Economic Engineering and Manufacturing Systems ICEEMS 2005	Manifestare ştiinţifică internaţională	Organising Committee	8
6	International Conference on Economic Engineering and Manufacturing Systems ICEEMS 2007	Manifestare ştiinţifică internaţională	Organising Committee	8
7	International Conference on Economic Engineering and Manufacturing Systems ICEEMS 2009	Manifestare ştiinţifică internaţională	Organising Committee	8
8	International Conference on Economic Engineering and Manufacturing Systems ICEEMS 2011	Manifestare ştiinţifică internaţională	Organising Committee	8
9	International Conference on Economic Engineering and Manufacturing Systems ICEEMS 2013	Manifestare ştiinţifică internaţională	Organising Committee	8
10	The 2nd International Conference on Manufacturing and Industrial Technologies (ICMIT 2015)	Manifestare ştiinţifică internaţională	Conference Chair	8
TOTAL:				**80 puncte**

A.3.4 Experienţa de management, analiză şi evaluare în cercetare şi/sau învăţământ
A3.4.1 Conducere

Nr.crt.	Denumirea funcţiei	Perioada	Punctaj
1	Coordonator al Biroului de Marketing şi Imagine al Universităţii Transilvania din Braşov	2012 - prezent (4 ani)	5*4 = 20
TOTAL:			**20 puncte**

A3.4.2 Membru

Nr.crt.	Denumirea funcţiei	Perioada	Punctaj
1	Expert evaluator UEFISCDI	2008-prezent	2*8= 16
TOTAL:			**16 puncte**

A3.6 Membru in academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării
A3.6.4 Asociaţii profesionale
A3.6.4.1 Internaţionale

Nr.crt.	Denumirea Organizaţiei/Asociaţiei/Comisiei	Funcţia	Punctaj
1	International Association of Engineers Hong Kong (IAENG)	Membru	5
2	International Association of Computer Science and Information Technology Singapore (IACSIT)	Senior member	5
3	Science and Engineering Institute (SCIEI)	Senior member	5
4	International Economics Development Research Center (IEDRC) Hong Kong	Senior member	5
TOTAL:			**20 puncte**

A3.6.4.2 Naţionale

Nr.crt.	Denumirea Organizaţiei/Asociaţiei/Comisiei	Funcţia	Punctaj
1	Asociaţia Română de Tehnologii Neconvenţionale	Membru	3
TOTAL:			**3 puncte**

CENTRALIZATOR - Conform standardelor în domeniul: Inginerie industrială

Domeniul activităţilor	Condiţii minime profesor	Realizat
A1. ACTIVITATEA DIDACTICĂ ŞI PROFESIONALĂ	**Minim 130 puncte**	**163.2175 puncte**
	Cărţi şi capitole: Profesor minim 2 prim autor	• 2 cărţi (unic autor) • o carte coautor • 2 capitole de carte edituri internaţionale (1 prim autor)
	Material didactic/Lucrări didactice: minim 2 ca prim autor	• 4 manuale didactice (3 unic autor) • un capitol de manual didactic
	Îndrumare de laborator/aplicaţii: minim 2 ca prim autor	• 2 îndrumare de laborator (1 unic autor, 1 prim autor)
A2. ACTIVITATEA DE CERCETARE	**Minim 230 puncte**	**725.7415 puncte**
	Articole în Reviste cotate ISI Thomson Reuters şi în Volume indexate ISI Proceedings: min. 8 articole, din care 2 în reviste	• 2 articole în reviste indexate ISI Thomson Reuters cu FI şi SRI • 17 articole indexate ISI Proceedings
	Articole în reviste şi volumele unor manifestări ştiinţifice indexate BDI, minim 8 articole	• 21 articole indexate în BDI
	Grant-Director/Responsabil, Director/ Responsabil - minim 2D sau 4R	• 3 granturi (2 director, 1 responsabil ştiinţific)
A3. RECUNOASTEREA ŞI IMPACTULUI ACTIVITĂŢII	**Minim 70 puncte**	**259.41 puncte**
TOTAL	**Minim 430 puncte**	**1148.369**