

Domeniul Fundamental: ȘTIINȚE INGINEREȘTI

Domeniul de Studii Universitare: INGINERIE INDUSTRIALĂ

Comisia CNATDCU [nr/denumire]: 16. INGINERIE INDUSTRIALĂ ȘI MANAGEMENT

Fișa de calcul și de susținere a îndeplinirii standardelor minimale

[MO, PI, 890bis / 27.12.2012]

Prof.Dr.Ing. Irina Severin

Nr. crt	Condiția Minimală	Cerința	Realizat	Cerința este îndeplinită prin următoarele	
1. Activitatea didactică și profesională (A1)					Punctaj
1.1	Cărți / manuale / monografii / capitole în cărți de specialitate	min. 2 prim autor (în edituri recunoscute CNCIS)	2 prim autor / 8 coautor (2 cărți cu capitole unic autor / 3 cap. cărți coautor ed. internat + 3 cărți coautor ed. nat.) 98.33 pct.	<p>1.1.1.1 Internaționale</p> <p>M. Poulain, R. El Abdi, I. Severin - <i>Aging and Reliability of single mode silica optical fibres</i>, chapter in <i>Optical Fibers Research Advances</i>, Editor: Jurgen C. Schlesinger, pp. 355-368, 15p., ISBN: 978-1-60021-866-8, Nova Publishers USA, 2008 ISBN: 1-60021-866-0 https://www.novapublishers.com/catalog/product_info.php?products_id=5906</p> <p>P. Evans, Diane Dibley, Irina Severin, M. Gernaey, Annemie Simkens - <i>EFQM Model User Guide for the Public, Voluntary and Social Profit Sector</i>, 32p., Publisher European Foundation for Quality Management, 2010, Bruxelles</p> <p>M. Caramihai, I. Severin - capitolul <i>Bioprocess Modeling and Control</i> in monografia <i>Biomass / Book 1</i>, editor prof. Miodrag Darko Mativic, Queen's University at Kingston, Canada, Publisher InTechOpen, ISBN 979-953-307-804-4, ISBN 978-953-51-1105-4, DOI: 10.5772/2583 (indexata BD WorldCat, BASE, Open AIRE, Inspec, Scirus, Google Scholar) 2013, 82p. http://www.intechopen.com/books/biomass-now-sustainable-growth-and-use</p> <p>1.1.1.2 Naționale</p> <p>1) I. Severin - <i>Fibre optice. Fiabilitate. Caracterizare. Perspective</i> - Editura PRINTECH, București, cod cncsis 54, 148 pg., ISBN 978-973-718-946-2, 2008</p> <p>2) I. Severin, M. Voicu, - <i>Ingineria calității</i> - Editura PRINTECH, București, cod cncsis 54, 315 pg., ISBN 973-652-827-8, 2003, republicata 2005</p> <p>M. Voicu, I. Severin – <i>Inițiere în ingineria calității</i> – Editura BREN, Bucuresti, cod cncsis 96, ISBN 973-9493-58-0, 210 pg., 2000</p> <p>G. Zgură, I. Severin, I. Tonoiu – <i>Materiale compozite cu matrice metalică – Tehnologii de prelucrare</i> – Editura Academiei Române, București, cod cncsis 164, 336 pg., ISBN 973-27-0729-11, 2000; 306 pag (contributia autoarei unic autor)</p>	<p>15pag./5*3 autori =1</p> <p>32pag/5*5 autori =1.03</p> <p>82pag/5*2 autori =8.2</p> <p>148pag/10= 14.8</p> <p>315pag/10* 2 autori =15.75</p> <p>210pag/10* 2autori =10.5</p> <p>306pag unic autor/10*30 pag/10*3aut</p>

				G. Zgură, I. Severin – <i>Caracterizarea materialelor compozite cu matrice metalică prin tehnici avansate de investigare</i> – Editura BREN, București, cod cncsis 96, ISBN 978-99065-4-0, 170 pg.; 129 pag. unic autor	ori = 31.6 129 pag unic autor/10+51 pag/10*2aut ori = 15.45
1.2	Material didactice / Lucrări didactice	min. 2 ca prim autor	2 prim autor publicate in edituri recunoscute CNCIS + 5 prim autor publicate pe plan local 16.125 pct.	<p>1.2.1 Manuale didactice</p> <p>1) Irina Severin – Gestion de la qualite: la qualite dans les services, Editura Printech, 2016, cod cncsis 54, ISBN 978-606-23-0637-3, ISBN 978-606-23-0638-0, 72 pag</p> <p>2) Irina Severin, Ovidiu Viorel Rindașu – Gestion de la qualite: l'amelioration continue de la qualite, Editura Printech, 2016, cod cncsis 54, ISBN 978-606-23-0637-3, ISBN 978-606-23-0639-7, 99 pag, 50 pag unic autor</p> <p>I. Severin, O. V. Rindasu - <i>Handbook „TQM in Education”</i> – ghid pentru universități realizat în cadrul proiectului pilot Leonardo da Vinci E/99/2/011072/PI/II.1.1.c/FPI, partener Univ. Politehnica București (coordonator Prof. A. Szuder), finanțat de CE-DGEAC, 72pg., 2001</p> <p>I. Severin, O. V. Rindasu - <i>Guidelines for Quality in Education</i> - modul de formare realizat în cadrul proiectului pilot Leonardo da Vinci RO/98/1/83554/PI/I.1.1.b/CONT contractor Univ. Politehnica Bucuresti (coordonator Prof. G. Amza), finanțat de CE-DGEC, 66 pg., 2000</p> <p>I. Severin - <i>La Qualité dans le domaine des Services</i> – modul de formare realizat în cadrul proiectului pilot Leonardo da Vinci RO/98/1/83554/PI/I.1.1.b/CONT contractor Univ. Politehnica Bucuresti (coordonator Prof. G. Amza), finanțat de CE-DGEC, 52 pg. tiparit + prezentare ppt, (CD), 2000</p> <p>I. Severin - <i>L'amélioration continue de la qualité</i> – modul de formare realizat în cadrul proiectului pilot Leonardo da Vinci RO/98/1/83554/PI/I.1.1.b/CONT contractor Univ. Politehnica Bucuresti (coordonator Prof. G. Amza), finanțat de CE-DGEC, 35pg. tiparit + prezentare ppt, (CD), 2000</p> <p>I. Severin, O. V. Rindasu - <i>le TQM (total quality management)</i> - modul de formare realizat în cadrul proiectului pilot Leonardo da Vinci RO/98/1/83554/PI/I.1.1.b/CONT contractor Univ. Politehnica Bucuresti (coordonator Prof. G. Amza), finanțat de CE-DGEC, 40 pg. tiparit + ppt, (CD) 2000</p>	72pag/20= 3.6 50pag unic autor/20+49 pag/20*2aut ori = 3.725 72pag/20*2 autori = 1.8 66pag/20*2 autori= 1.65 52pag/20= 2.6 35pag/20= 1.75 40pag/20*2 autori = 1
		min. 2 ca prim autor	2 prim autor publicate in edituri recunoscute CNCIS / 1 unic autor pe plan local / 7 coautor edituri recunoscute sau	<p>1.2.2 Indrumare de laborator / aplicatii</p> <p>1) Irina Severin, Ana-Maria Bogatu, Cristina Dijmărescu – Legislație privind protecția consumatorilor. Ghid pentru proiect, Editura Printech 2016, cod cncsis 54, ISBN 978-606-23-0617-5, 94 pag.</p> <p>2) Irina Severin, A. Mihai – Acreditarea laboratoarelor de examinari nedistructive, Suport de curs si ghid pentru proiect, Editura Printech, 2016, cod cncsis 54, ISBN 978-606-23-0564-2, 185 pag.</p> <p>G.M.Dumitru, D. Pausan, I. Severin, B. Dumitru, Masurari geometrice, Editura Printech, ISBN 978-606-23-0713-4, 2016, cod cncsis 54, 89 pg</p> <p>Paduraru Alexandru Ionut, Bara Cristian Paul, Neagoe George Andrei, Coordonatori M. Caramihai, I Severin, Ghid de utilizare</p>	94 pag/25*3aut ori= 1.25 185pag/25x 2autori = 3,7 89pag/25*4 autori= 0,89 93pag/25*5

			<p>publicate de plan local</p> <p>14.611 pct.</p>	<p>Microsoft Office Powerpoint 2007, Editura Printech 2011 - cod CNCSIS 54, ISBN 978-606-521-633-4, 93 pag.</p> <p>M. Caramihai, Andrei Jifcovici-Barcan, I Severin, Alin Lacea, Competente informatice, Editura Printech 2011 - cod CNCSIS 54, ISBN 978-606-521-625-9, 126 pag.</p> <p>C. Ionescu, P. Gladcov, G. Dumitru, R. Iova, A. Paris, V. Rîndașu, V. Moga, I. Severin, C. Tiștere – Prelucrări prin așchiere, Indrumar pentru lucrări practice și teme de casă, Litografia UPB, 1997, 425 pag.</p> <p>C. Ionescu, P. Gladcov, G. Dumitru, R. Iova, A. Paris, A. Grobnic, V. Rîndașu, I. Severin, C. Tiștere, V. Moga, A. Anculete – <i>Prelucrări prin așchiere, vol. 1 și 2</i>, Lucrări de laborator, Litografia U. P. B. 1993, 332 pag</p> <p>G. M. Dumitru, I. Severin, I. Pelinescu, V. Șerban – <i>Încercarea materialelor și controlul calității</i>, Lucrări de laborator, Litografia I. P. B. 1992, 77 pag.</p> <p>C. Ionescu, P. Gladcov, G. Dumitru, R. Iova, A. Paris, P. Szel, A. Grobnic, I. Zîrnovan – <i>Prelucrări prin așchiere</i>, Îndrumar de laborator, Litografia I. P. B. 1991, 236 pag.</p> <p>I. Severin – Manualul calității laboratorului Defectoscopie nedistructiva, 1994, 26 pag. + anexe</p>	<p>autori =0.744</p> <p>126pag/25* 4autori =1.26</p> <p>425pag/25* 9autori =1,88</p> <p>332pag/25* 11autori =1.897</p> <p>77pag/25*4 autori =0.77</p> <p>236pag/25* 8autori =1.18</p> <p>26/25=1.04</p>
1.3	Cordonare de programe de studii, organizare și coordonare programe de formare continuă	Director/ Responsabil	<p>1 + 3*1/2</p> <p>47.5 pct.</p>	<p>1) Coordonator program de studii de licență: <i>Inginerie si Managementul Calitatii</i>, Facultatea de Ingineria si Managementul Sistemelor Tehnologice, Universitatea POLITEHNICA din Bucuresti _ din anul 2013</p> <p>2) Coordonator program de studii de masterat: <i>Ingineria Calitatii</i>, Facultatea de Ingineria si Managementul Sistemelor Tehnologice, Universitatea POLITEHNICA din Bucuresti _ 2013-2016</p> <p>3) Coordonator program de studii de licență: <i>Industrial Engineering</i>, Facultatea de Ingineria si Managementul Sistemelor Tehnologice, Universitatea POLITEHNICA din Bucuresti _ din anul 2016 impreuna cu prof. C. Doicin Punctaj=</p> <p>4) Coordonator program de studii de masterat: <i>Industrial Engineering</i>, Facultatea de Ingineria si Managementul Sistemelor Tehnologice, Universitatea POLITEHNICA din Bucuresti _ din anul 2017 impreuna cu prof. C. Doicin</p>	<p>15</p> <p>15/2=7.5</p> <p>15/2=7.5</p> <p>15/2=7.5</p>
1.4	Dezvoltare de noi discipline	Titular	<p>12</p> <p>120 pct.</p>	<p>1)Sisteme de management integrat/ din 2012-prezent/ Programul de studii de masterat Ingineria Calitatii;</p> <p>2)Planificarea Calitatii / din 2013/ Programul de studii de masterat Ingineria Calitatii;</p> <p>3)Advanced processes and quality assurance / din 2008 / Programul de studii de licenta Inginerie mecanica Facultatea de Inginerie in limbi straine, filiera engleza 3) Quality Assurance / din 2017 / Program de studii de licenta Industrial Engineering, lb. engleza</p> <p>3)Processus avances et assurance qualite/ din 2008 / Programul de studii de licenta Inginerie mecanica Facultatea de Inginerie in limbi straine, filiera franceza</p> <p>4)Legi comerciale europene / din 2014 /Programul de studii de masterat Logistica Industriala;</p> <p>5)Ingineria calitatii / 2014-2016 / Programul de studii de masterat Ingineria Calitatii;</p> <p>5)Ingineria calitatii / Initiere in ingineria calitatii / din 2001 - 2013 / Program de studii de licenta Ingineria si Managementul Calitatii</p>	<p>10</p> <p>10</p> <p>10</p> <p>10</p> <p>10</p> <p>10</p>

				<p>5) Elemente de ingineria calitatii / Colegiu – Tehnica Transporturilor</p> <p>6)Legislatie privind protectia consumatorilor / din 2000-prezent / Programul de studii de licenta Ingineria si managementul calitatii</p> <p>7)Asigurarea Calitatii Produselor si Serviciilor / din 2004 / Program de studii de licenta Ingineria si Managementul Calitatii</p> <p>8)Implementarea standardelor ISO 9000 / 19000 / Program Master Ingineria calitatii / 2005-2008</p> <p>9)Metrologie / din 1996 - 2008 / Program de studii de licenta Ingineria si Managementul Calitatii si Colegiu – Materiale si Defectoscopie</p> <p>10)Mecanica Fina si Optica / Colegiu – Materiale si Defectoscopie, 1996-2001</p> <p>11)Inercarea materialelor / Colegiu – Materiale si Defectoscopie, 1997-2003 Metode de incercare a materialelor avansate, Masterat IMST 1997-2003</p> <p>12)Management de proiect / Managementul proiectelor europene, Masterat diferite specializari IMST, CPRU (Management de proiect si administrarea afacerilor 2003-2006) si USAMV, Fac. Agricultura (Management de proiect 2004-2007)</p>	10
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1.5	1. Proiecte educaționale (ERASMUS, Leonardo etc.)	Director/ Responsabil	3/1	<p>G. Amza, director grant pentru partea română - <i>Promotion of Quality Spirit in Educational Process</i> – DG EC proiect pilot - RO/98/1/83554/PI/I.1.1.b/CONT, Contractor – Univ. Politehnica Buc, Parteneri: Univ. De Montfort, Leicester, UK, Univ. din Rennes – IUT, Franța, Univ. do Porto, Portugalia – I. Severin responsabil tehnic a proiectului și elaborarea manualelor: <i>La Qualité dans le domaine des Services</i> – I. Severin; <i>L'amélioration continue de la qualité</i> – I. Severin; <i>le TQM</i> – I. Severin, O. V. Rîndașu, <i>Guidelines for Quality in Education</i> - I. Severin, O. V. Rîndașu – 4 volumes și CD, 1999-2000.</p> <p>Agreement n° 2006 – 4511/001-001 LE2-73MOT – CE DGEAC and CINOP NL (Olanda), <i>Exchange knowledge and start networking, Establish platform and work together - Skills and competences in SMEs and sectors</i>, 2007-2008, www.skillsweb.eu I. Severin coordonator proiect partea română</p> <p>Agreement n° 2006 – 2894/001-001 LE2-73MOT – CE DGEAC and ISFOL Italy, <i>Transparency, validation and credit transfer</i> - I. Severin coordonator proiect partea română http://www.tg4transparency.com/events_1.htm, 2006-2007 – organizator eveniment <i>Mobility beyond borders. The contribution of transparency of qualifications and credit transfer</i>, Bucuresti 23 martie 2007 (120 participanți, 21 țări)</p>	10*2ani=20
			65 pct.		10*2.5ani =25
					10*2ani=20
Cerința: min 130 Total A1= 361.566					
A2. Activitatea de cercetare (A2)					
2.1	Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Procedeeings	min.8 (de la ultima promovare), din care 2 în reviste	17 articole de la ultima promovare 2008, din care 7 articole în reviste, 8 prim autor, dintre care 4 in reviste	<p>Data ultimei promovări: mai 2008 profesor</p> <p>1) R. El Abdi, A. Rujinski, C. Borda, I. Severin, M. Poulain – <i>New method for strength improvement of silica optical fibres</i> – Elsevier, Optics & Lasers in Engineering, Ed. A. K. Asundi, P. K. Rastagi, no. 46 (3), pp. 222-229, doi:10.1016/j.optlaseng.2007.10.005, ISSN 0143-8166, (2008) ISI rosu_IF2016_2.769 WOS:000253662500005 Optics poz 23_2017/Q1 https://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=b e4258f9-94b0-48dc-a6ca-ffc985fcb5e</p> <p>2) I. Severin, M. Poulain, R. El Abdi – <i>Mechanical & chemical characteristics of hermetically coated silica optical fibres</i> – Elsevier, Surface & Coatings Technologies, 202 (11), pp. 2494-2499, (2008), ISSN: 0257-8972 ISI rosu / Material Science/Coatings&Films poz 4_2017/Q1 IF2016_2.589 DOI: 10.1016/j.surfcoat.2007.08.005</p>	(30+10*2.7 69_IF2016)/ 5autori= 11.538
					(30+10*2.5 89_IF2016)/ 3autori= 18.63

			<p style="text-align: center;">5 ISI rosu (Q1) + 1 ISI galben (Q2) de la ultima promovare</p> <p style="text-align: center;">Pentru toata activitatea 28 ISI / 19 prim autor / 16 în reviste / 5 ISI rosu, 2 ISI galben</p> <p style="text-align: center;">187.07 pct. de la ultima promovare</p>	<p>WOS:000253930900054 https://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=1d4f659a-d56c-44ff-a3e5-c590ab7518db</p> <p>3) R. El Abdi, A. Rujinski, M. Poulain and I. Severin, Silica Optical Fibers under X-Rays and Microwaves, Optics Lasers in Engineering, 47 (2009), pp 519–526, Ed. A. K. Asundi, P. K. Rastagi, doi:10.1016/j.optlaseng.2008.11.002, ISSN 0143-8166 ISI rosu Optics poz 23_2017/Q1_IF2016_2.769 WOS:000264813800001 http://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=220191f8-5fab-42ed-b68f-e725e0935ce0</p> <p>4) I. Severin, C. Borda, M. Poulain, R. El Abdi – Failure mechanisms of silica optical fibres - Journal of Optoelectronics & Advanced Materials, Rapid communications, vol. 3, no. 7, pp 659 - 663, editor M. Popescu, ISSN: 1842-6573, (2009) Optics poz 85 din 92/Q3_IF2016_0.47 WOS:000269094500005 http://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=59450ffb-a1b6-4581-b924-b849cbb529de</p> <p>5) El Abdi, R., Rujinski, A.D., Poulain, M., Severin, I. - Damage of Optical Fibers Under Wet Environments, Experimental Mechanics, Volume 50, Issue 8, 2010, Pages 1225-1234, 2010 Springer, Society for Experimental Mechanics, ISSN: 0014-4851 DOI10.1007/s11340-009-9310-1_IF2016_2.091 WOS:000282700500009 http://link.springer.com/article/10.1007/s11340-009-9310-1/fulltext.html ISI rosu Material Science Characterisation& Testing poz 8_2017/Q1</p> <p>6) I. Severin, R. El Abdi, M. Poulain, A. D. Rujinski - Mechanical and Structural Changes in Multimode Optical Fibers Induced by Aging in Harsh Gaseous and Liquid Reagents - Fibers and Polymers 2011, Vol.12, No.2, pp 233-239, DOI 10.1007/s12221-011-0233-y, ISSN 1229-9197 (FI 1.105) ISI rosu Material Science Textiles poz 6_2017/Q1_IF2016_1.113 WOS:000289216900012 http://link.springer.com/article/10.1007/s12221-011-0233-y</p> <p>7) Irina Severin, Rochdi El Abdi, Mihai Caramihai and Guillaume Corvec Optical Fiber Embedded in Epoxy Glass Unidirectional Fiber Composite System, Materials 2014, 7(1), pp 44-57; doi:10.3390/ma7010044; ISSN 1996-1944_IF2016_2.654 WOS:000336088500004 ISI galben Material Science Multidisciplinarity poz 82/Q2 https://apps.webofknowledge.com/Search.do?product=WOS&SID=R2s2zm9aPwal5rbkmJ7&search_mode=GeneralSearch&prID=1a432332-f044-418d-b36f-1c6fe92508e3</p> <p>8) R. El Abdi, A. Rujinski, M. Poulain, I. Severin – <i>Aging and strength improvement of silica optical fibres</i> – Int. Conf. On Applications of Photonics Technology, Photonics North 2008 Vol 7099, ISSN 0277-786x, ISBN 978-0-8194-7328-8, Ed. R. Vallee, M. Piche, P. Mascher, P. Cheben, D. Cote, S. LaRochelle, H. Schriemer, J. Albert, T. Ozaki, Montreal, Canada, 2-4.06.2008, paper number 709917-1...7, 8 pp, doi: 10.1117/12.807092 WOS:000261333300042 https://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=5bb8de3f-b1a0-45db-bb9d-56afd8a265c2</p> <p>9) I. Severin, M. Poulain, R. El Abdi – <i>Progress in reliability of silica optical fibres</i>, SPIE Photonics Europe, Strasbourg, France, SPIE vol. 7003, Proc. of the Society of Photo-Optical Instrumentation Engineers (SPIE): Optical Sensors 2008, F. Berghmans, A. G. Mignan, A. Cutolo, P. P. Meyrueis, T. P. Pearsall, Editors, ID 7003A82, pp 700322-1...10, 10 pp., 2008, ISSN: 0277-786X, ISBN : 0-8194-7003-82 DOI: 10.1117/12.781662 WOS:000259185400063</p>	<p>(30+10*2.7 69_IF2016)/ 4autori= 14,4225</p> <p>(30+10*0,4 7_IF2016)/4 autori= 8.675</p> <p>(30+10*2.0 91_IF2016)/ 4autori= 12,7275</p> <p>(30+10*1.1 13_IF2016)/ 4autori= 10.2825</p> <p>(30+10*2.6 54_IF2016)/ 4autori= 14.135</p> <p>25/4autori= 12.5</p> <p>25/3autori= 8.33</p>
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			<p>https://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=8be153d3-a98b-4998-af5b-5913162cf384</p>	
			<p>10) I. Severin, M. Caramihai, Commitment for Excellence Approach, Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education, Sibiu 15-17 oct. 2009, pp. 388-392, Editors: C. Oprean, N. Grunwald, C Kifor, ISBN 978-973-739-848-2, ISSN 1843-6730 WOS:000273607900080</p>	25/2autori= 12.5
			<p>11) M. Caramihai, I. Severin, Multimedia and Web 2.0: New Challenges of VET Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education, Sibiu 15-17 oct. 2009, pp. 473-477, Editors: C. Oprean, N. Grunwald, C Kifor, ISBN 978-973-739-848-2, ISSN 1843-6730 WOS:000273607900097</p>	25/2autori= 12.5
			<p>12) I. Severin, R. El Abdi, M. Poulain, M. Caramihai – Strength of silica optical fibre subject to chemical environment, Advanced Sensor Systems and Applications IV, Photonics ASIA Symposium, SPIE PA10-PA111-216, October, 18-21, 2010, Beijing, China, Vol. 7850-7855, 785312-1...8, 8 pp., ISSN 0277-786x, ISBN 978-0-8194-8383-6 <i>Invited paper, workshop chair</i> DOI: 10.1117/12.871757 WOS:000287708100031</p>	25/4autori= 6.25
			<p>13) M. Caramihai, I. Severin, A. Blidaru, H. Balan, C. Saptefrati - Evaluation of breast cancer by using fuzzy logic, Proc. Int. Conf. on Applied Informatics and Communications – Int. Conf. on Biomedical Electronics and Biomedical Informatics, pp. 37-42, 2010, ISSN: 1792-460X, ISBN: 978-960-474-216-5, Code 85415, pp.324-329 WOS:000290651300013</p>	25/5autori= 5
			<p>14) Mihai Caramihai, Irina Severin, Intelligent Techniques for Fed-Batch Bioprocess Control, Materials, Mechatronics and Automation, PTS 1-3, Book Series: Key Engineering Materials, Volumes 467 - 469, pp.1478-1481, DOI: 10.4028/www.scientific.net/KEM.467-469.1478, ISSN: 1013-9826, 2011, Int. Conf. On Mat, Mechatronics and Automation, ICMMMA 2011, Melbourne, Materials, Mechatronics and Automation, PTS 1-3 WOS:000303364701011 https://apps.webofknowledge.com/Search.do?product=WOS&SID=R2s2zm9aPwal5rbkmJ7&search_mode=GeneralSearch&prID=c56d8b29-14f2-4e06-b9a0-4bac69bfeff1</p>	25/2autori= 12.5
			<p>15) I. Severin, R. El Abdi, M. Poulain, M. Caramihai - Reliability evolution of optical fibre subjected to chemical environment, Mechanical Engineering and Materials, Book series, Applied Mechanics and Materials (Volumes 152 - 154), pp. 414-417, Int. Conf. Mechanical Eng. & Materials ICMEM, Melbourne, ISSN: 1660-9336, doi: 10.4028/www.scientific.net/AMM.152-154.414, ian 2012 WOS:000307327300078 http://apps.webofknowledge.com/Search.do?product=WOS&SID=Z2aH5d3dWu4ngKo4G7g&search_mode=GeneralSearch&prID=204f81ba-1c37-4516-8a68-1cd1e163b321</p>	25/4autori= 6.25
			<p>16) Ilie Nae, Irina Severin and Gheorghe Solomon, Performance Management Evaluation Model for Third-party Logistics Companies, Proceedings of the 28th International Business Information Management Association Conference, "Innovation Management and Education Excellence Vision 2020: Regional Development to Global Economic Growth" 9-10 nov. 2016, Sevilla, pp. 3953-3960, ISBN: 978-0-9860419-8-3, Editor Khalid S. Soliman WOS:000392785700397</p>	25/3autori= 8.33
			<p>17) E. Vizireanu, I. Severin - KPI Correlation in Industrial Engineering: A Case Study, 2nd International Conference on Humanity and Social Science (ICHSS2016), pp. 189-193, August 28-29, 2016 Phuket, Thailand, DEStech Publications, Inc. USA 2016, ISBN: 978-1-60595-388-5 Humanities, Multidisciplinarity, Interdisciplinarity WOS:000390840600035</p>	25/2autori= 12.5

2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte Baze de Date Internaționale (BDI) *, de la ultima promovare	min.8 (de la ultima promovare)	18 BDI (de la ultima promovare – 2008), dintre care 5 prim autor 95.75 pct.	<p>Data ultimei promovări: mai 2008 prof. univ.</p> <p>1) Caramihai, M. & Severin, I. Assessment of eLearning Techniques in VET within Leonardo da Vinci European Program. The Romanian Showcase. In J. Luca & E. Weippl (Eds.), <i>Proceedings of EdMedia: World Conference on Educational Media and Technology 2008</i> (pp. 42-47). Association for the Advancement of Computing in Education (AACE), 2008, Vienna, Austria ISBN 978-1-880094-65-5. IP: 141.85.252.145 -- Paper ID 28374 https://www.learntechlib.org/p/28374. Source: LearnTechLib Digital Library; Google Scholar</p> <p>2) M. Caramihai, I. Severin - eLearning Tools Evaluation based on Quality Concept Distance Computing. A Case Study, The International Conference on Computer and Information Technology, Proc. of World Academy of Science, Engineering and Technology, vol. 53, Tokyo, May. 2009, ISSN: 2070-3740, pp 569-573, World Academy of Science, Engineering and Technology International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering Vol:3, No:5, 2009, pp. 438-442 http://www.academia.edu/999869/WORLD_ACADEMY_OF_SCIENCE_ENGINEERING_AND_TECHNOLOGY_ISSUE_68_JULY_2010_ISSN_2070-3740 Google Scholar, scholar.waset.org/1999.10/5159</p> <p>3) M. Caramihai, I. Severin - Quality Fed-Batch Bioprocess Control. A case study, International Conference on Biological Systems Engineering, Proc. of World Academy of Science, Engineering and Technology, vol. 56, Singapore, Aug. 2009, ISSN: 2070-3724, ISSN: 2010376X pp 674-677 World Academy of Science, Engineering and Technology International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:3, No:8, 2009, pp. 2085-2088 Scopus</p> <p>4) R. El Abdi, M. Poulain, A.D.Rujinski, I. Severin, Mechanical behaviour of optical fibers exposed to electromagnetic radiations, AES-ATEMA International Conference Series - Advances and Trends in Engineering Materials and their Applications, 2009, Pages 103-109, 3rd International Conference on Advances and Trends in Engineering Materials and their Applications, AES-ATEMA'2009; Montreal, QC; Canada; 6 -10 July 2009; Code 88287, ISSN: 1924-3642, ISBN: 978-097804793-1 Scopus</p> <p>5) I. Severin, M. Caramihai, K. Chung, G. Tasca, T. Park, Mechanical and chemical reliability assessment of silica optical fibres, Proc. of World Academy of Science, Engineering and Technology, International Conference on Microelectronics, Optoelectronics, and Nanoelectronics, 28 oct. – 1 nov. 2009, vol. 58, Venice 2009, ISSN: 2070-3724, pp 906-911, ISSN: 2010376X, World Academy of Science, Engineering and Technology International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering Vol:3, No:10, 2009, pp. 584-589, Scopus</p> <p>6) M Caramihai, I Severin, H Balan, A Blidaru, V Balanica - Breast Cancer Treatment Evaluation based on Mammographic and Echographic Distance Computing–WASET 2009, vol. 32, 2009, pp. 815-819, Dimension, 2009, p.30, ISSN: 2010376X, World Academy of Science, Engineering and Technology International Journal of Medical, Health, Biomedical, Bioengineering and Pharmaceutical Engineering Vol:3, No:8, 2009, pp. 215-219 http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.193.4944&rep=rep1&type=pdf Scopus</p> <p>7) I. Severin, G. Amza. M. Poulain R. El Abdi - Silica optical fibre lifetime evaluation, Proc. of 3rd WSEAS Int. Conf. On Finite Differences – Finite elements – Finite volumes – Boundary elements, Bucuresti 20-22 apr. 2010, ISSN: 1790-2769, ISBN: 978-960-474-180-9, pp.203-208, code 84112 Scopus</p> <p>8) I. Severin, M. Caramihai, G. Amza, A.M. Lupu - Risk assessment in project management: a practical tool, Proc. of Int. Conf. on Risk Management, Assessment and Mitigation, WSEAS, Bucuresti 20-22 apr. 2010, RIMA'10, ISSN: 1790-2769, ISBN: 978-960-474-182-3, pp.160-163, code 84115 Scopus</p> <p>9) M. Caramihai, I. Severin, A.A.Chirvase, A. Onu, C. Tanase, C. Ungureanu – Therapeutic Products Preparation Bioprocess Modeling, WASET 2010: World Academy of Science, Engineering and Technology Conference, www.waset.org/journals/waset, Int.</p>	15/2autori= 7.5 15/2autori= 7.5 15/2autori= 7.5 15/4autori= 3.75 15/5autori= 3 15/5autori= 3 15/4autori= 3.75 15/4autori= 3.75 15/6autori= 2.5
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2.3	Articole in extenso in Reviste /Proceedings nationale/internationale neindexate		<p>15 articole in Proceedings de la ultima promovare, dintre care 7 prim autor</p> <p>24,11 pct.</p>	<p>Data ultimei promovări: prof. univ. 2008</p> <p>1) M. Caramihai, I. Severin - Evaluation of different e-Learning Techniques used in Vocational Training within Leonardo da Vinci European Program. The Romanian Case Study. The International Conference on E-Learning in the Workplace 2008, www.icelw.org, June 12-13 2008, Columbia University, Teachers College, New York, USA, ISBN 978-0-615-21135-0, 6p.</p> <p>2) I. Severin, M. Poulain, R. El Abdi, G. Amza – Mechanical testing procedures and fatigue associated mechanisms of silica optical fibres, 12th Int. Conf. "Fatigue and Plasticity : from Mechanisms to Design" JIP 2008, Paris 20-22 Mai 2008, Editors Andre Galtier, Gilles Baudry, pp. 307-314, ISBN 978-2-917839-00-3, www.jip2008.eu</p> <p>3) I. Severin – QMS Continuous improvement towards excellence, Int. Conf. Total Quality Sustainable Development, 30-31 oct. 2008, Politehnica University of Bucharest, Agir Publishing House, ISBN 1844-9158, pp. 231-235</p> <p>4) M. Poulain, R. El Abdi, I. Severin – Stress corrosion and structural relaxation in silica optical fibres - Int. Conf. Total Quality Sustainable Development, 30-31 oct. 2008, Politehnica University of Bucharest, Agir Publishing House, ISBN 1844-9158, pp. 163-169</p> <p>5) I. Severin, M. Calota, C. Popescu – From Quality Management System towards excellence, Int. Conf. Calitate si Siguranta in Functionare / Quality and Dependability Int. Conf. CCF 2008, 24-26 sept. 2008, Sinaia, Editors: D. Stoichitoiu, I. Bacivarov, A. Kobi, ISSN 1842-3566, pp. 57-60</p> <p>6) I. Severin, M. Caramihai, R. Stoika – Mobility: asset for professional development, Iasi, Scoala de vara: Universitatea in Societate UNISO 2008 " Centrarea invatamantului superior pe competente: provocari si solutii", 16-20 iulie 2008, Editori: Sorin Zaharia, ISBN 978-973-0-06151-2, pp. 164-169</p> <p>7) I. Severin, M. Caramihai, K. Chung, G. Tasca, T. Park, D. Yoo - Structural relaxation and ageing phenomena in silica optical fibres, Australasian Conference on Optics, Lasers and Spectroscopy and Australian Conference on Optical Fibre Technology in association with the International Workshop on Dissipative Solitons, Adelaide, South Australia, 29 nov – 3 dec. 2009, 4 pag. http://www.plevin.com.au/acoftacols2009/</p> <p>8).M. Caramihai, I. Severin, W.I.D. Rae, C.P. Herbst, A. Blidaru H. Balan, V. Balanica - Breast cancer risk evaluation using fuzzy logic, Int. Conf. MedTel, Luxemburg 14-16 apr. 2010, "Global Telemedicine and eHealth Updates: Knowledge Resources", Vol. 3, 2010, pp. 175-180, ISSN: 1998-5509, ISSN: 1818-9334, https://www.medetel.eu</p> <p>9) I. Severin, M. Caramihai, M. Khalifa - Assessing Students' Satisfaction: a Case Study, Nov. 16-18, 2010, Manilla, Philipine, "Trends and Prospects of Innovation and Entrepreneurship and its Implications in Engineering and Business Education amidst Global Economic and Environmental Crises", 3rd Int Conf. on Innovation & Entrepreneurship and the 3rd Int. Conf. on Engineering & Business Education, Editors: Divina M. Edralin, Giovanni R. Barbajera, pp. 374-388, ISSN 2094 - 7607 http://www.icebe.net/fileadmin/user_upload/Downloads/2013/3rd_ICIE___3rd_ICEBE_Conference_Proceedings.pdf</p> <p>10) Cristina Tanase, Mihai Caramihai, Camelia Ungureanu, Gheorghe Sarbu, Ana Aurelia Chirvase, Irina Severin - Intelligent control of bioprocesses. A software application, International Conference on Agricultural, Biotechnology, Biosystems and Biological Engineering, vol. 77, 22-28 Iunie 2011, Paris, FR, ISSN 2012-376x, ISSN 2010-3778</p> <p>11) M. Caramihai, I. Severin - Assessment Techniques of e-Learning Courses in VET: The European Leonardo Da Vinci Programme Showcase – 2nd Annual Forum on eLearning Excellence in the Middle East, 2009, 26-29 Jan., Dubai, UAE, e-TQM College, ISBN 978-9948-15-026-8, pp 166-174</p> <p>12) I. Severin – The excellence concepts their implementation concepts in public institutions and non-for-profit organisations, Proc. of 12th Int. Conf. on Technology & Quality for Sustainable Development, TQSD 12, Bucuresti, 5-6 nov. 2012, pp. 90-95, Ed. Printech, 2012, ISSN 1844-9158</p>	<p>4/2autori=2</p> <p>4/4autori=1</p> <p>4/1autor=4</p> <p>4/3autori=1,33</p> <p>4/3autori=1,33</p> <p>4/3autori=1,33</p> <p>4/5autori=0,8</p> <p>4/6autori=0,66</p> <p>4/3autori=1,33</p> <p>4/6autori=0,66</p> <p>4/2autori=2</p> <p>4/1autor=4</p>
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				<p>13) Rochdi EL ABDI, Alexandru DUMITRACHE-RUJINSKI, Marcel POULAIN, Irina SEVERIN, Mechanical study of optical fiber in tetramethoxysilane solution, Proc. of 12th Int. Conf. on Technology & Quality for Sustainable Development, TQSD 12, Bucuresti, 5-6 nov. 2012, pp. 160-165, Ed. Printech, 2012, ISSN 1844-9158</p> <p>14) I. Nae, G. Solomon, I. Severin –The influence of leadership in implementing management systems – The 1st Int. Conf. for Doctoral Students IPC 2013, Sibiu 22-23 nov. 2013, pp. 323-326, Univ. "Lucian Blaga" Sibiu.</p> <p>15) A.M. Bogatu, I. Severin, G. Solomon, C. Petriceanu - <i>The change need evaluation based on the stakeholders satisfaction in technical higher education</i>, Proceedings of the 2nd Int. Scientific Conference SAMRO 2016 „News, challenges and trends in management of knowledge-based organizations“, 14-16 oct. 2016, Sibiu, Editori Ctin Oprean, M.A. Tițu, Editura Tehnica, ISSN 2537-3463, ISSN-L 2537-3455, ISBN 978-973-31-2390-3, p. 26-37</p>	<p>4/3autori= 1,33</p> <p>4/3autori= 1,33</p> <p>4/4autori=1</p>
2.4	Proprietate intelectuală, brevete de invenție și inovație	-		-	
2.5	Granturi/Proiecte câștigate prin competiție	2.5.1 Director sau Responsabil min. 2 Dir. sau 4 Responsabil	2D 53,68 pct.	<p>2.5.1.1 Internationales</p> <p>Mechanical / chemical reliability assessment of silica optical fibres and optical fibers embedded sensors - Program de colaborare bilaterală ANCS – Ministry of Science and Tech. Rep. KOREA - Most 2008-2009 / ANCS nr. 36/10.06.2008 Valoare 130294 lei _ 3.6445 Eur _ iunie 2008 (in contract 1 Eur=3.7 lei)</p> <p>I. Severin - Director grant pentru partea romana – Programme d'Actions Intégrées EGIDE Brancusi 2007-2008, <i>Amélioration de la fiabilité des fibres optiques monomode à base de silice</i>, 2007-2008 Valoare 10417 lei (3.461_dec 2008)_s-a derulat asociat CNCSIS IM220601</p>	<p>20*35750/ (10000E*1, 5ani)=47,66</p> <p>20*3009,8/ (10000*1a n)=6,02</p>
			5D 41,39 pct.	<p>2.5.1.2 Nationale</p> <p>I. Severin - director grant, CNCSIS / tema 27_cod cncsis 68, Nr. intern UPB - IM 220601 (220701) –<i>Evaluarea fiabilitatii fibrelor optice monomod pe baza de silice. Mecanisme de deteriorare mecanica si chimica</i>, 2006-2007 – www.cncsis.ro/GranturiFinalizate Valoare 93.500 (Euro_iunie 2006 3.528 lei)+89000 (Euro_mai 2007 3.3122 lei)= 26502.27+26870.35= 53372,62 Eur</p> <p>I. Severin – director grant T, <i>Evaluarea materialelor compozite prin tehnici combinate de investigare</i> – A.N.S.T.I., contract nr. 5076 / 18.11.1999, tema B 47, perioada 1999 – 2000 Valoare 54000 lei (Euro 18.11.1999_1,835 lei)=29427,8 Eur</p> <p>G. Zgură, G. Măzăreanu, G. Solomon, I. Severin, G. Amza– <i>Cercetarea, proiectarea și realizarea modelului experimental al sistemului de dispozitive în construcție modulară pentru mecanizarea și automatizarea operațiilor de sudare</i> - U. P. B. – C.A.M.I.S – Ministerul Cercetării și Tehnologiei, contract nr. 711 / 1996, act ad. 579 / 98 / II, comisia 4.1, tema A30, perioada 1998- 2000 - responsabil temă</p> <p>G. Zgură, I. Severin– <i>Cercetări privind tehnologiile de prelucrare a materialelor compozite</i> - U. P. B. – C.A.M.I.S – Ministerul Cercetării și Tehnologiei, contract nr. 711 / 1996, act ad. 579 / 98 / II, comisia 4.1, tema A25, 5 faze, perioada 1996-1998 - responsabil temă</p> <p>G. Zgură, I. Severin– <i>Cercetări privind proprietățile, metodele de încercare și procesare a materialelor compozite cu matrice metalică</i> – U. P. B. – C.A.M.I.S – Ministerul Cercetării și Tehnologiei, contract nr. 337 - act ad. 3 / 2.09.1994, comisia 4.2, tema B28, 4 faze, perioada 1994-1996 - responsabil temă</p>	<p>10*53372,6 2/(10000*2 ani)=26,68</p> <p>10*29427,8/ (10000*2ani)=14,71</p> <p>Nu am disponibile bugetele granturilor desfasurate prin CAMIS</p>

		2.5.2 Membru în echipă	3 26 pct.	<p>2.5.2.1 Internationale</p> <p>Membru in echipa de cercetare – Proiect de colaborare bilaterala cu South Africa National Research Foundation (NRF) Grant Number UID 67953 si ANCS Project Number 101/2008 MAMMA, director de proiect prof. dr. ing. Mihai Caramihai</p> <p>A. Szuder, director grant pentru partea română – <i>TQM Strategy</i> – DG EC proiect pilot, E/99/2/011072/PI/II.1.1.c/FPI, Contractor: Instituto Tecnológico di Aragon, Parteneri: Mt Servicios, Gobierno di Aragon – Spania, Cr 21 – Franța, Universitatea din Bratislava – Slovacia, Univ. Politehnica Buc – I. Severin, participant in echipa de proiect și elaborare manual <i>Handbook Quality Assurance in Higher Education</i> – I. Severin, O.V. Rîndașu, 2000-2001.</p> <p>Participant la toate fazele contractului Coordonator - Prof. F.Delannay, Universite Catholique de Louvain, Belgia, Responsabil pentru Universitățile din România - Prof. P. Moldovan - <i>Amelioration des techniques et developpement des procedes de recyclage des materiaux metalliques poliphase et composites pour application dans les industries des transports</i> – U.P.B. – C.E.M.S. contract ERCIPACT 940192 - COPERNICUS 94 colaborare între universități din Belgia, Franța, Slovacia și România - perioada 1995-1997</p>	<p>4*1,5ani= 6</p> <p>4*2ani=8</p> <p>4*3ani=12</p>
			11 44 pct.	<p>2.5.2.2 Nationale</p> <p>1) Membru in echipa de cercetare ANCS No. Grant 62-051 (Proiect ATHENA) director de proiect prof. dr. ing. Mihai Caramihai</p> <p>2) Expert pe termen lung, director calitate – FSE POSDRU/89/1.5/S/52432, Scoala postdoctorala de interes national “BIOTEHNOLOGII APLICATE” cu impact in bioeconomia romaneasca (SPD-BIOTECH), coordonat USAMV Cluj Napoca, director coordonator proiect prof. dr. Virgil Pamfil</p> <p>3) Expert pe termen lung, manager calitate – FSE POSDRU 86/1.2/S/62885, Bursa de proiecte, coordonat MECTS, director proiect partener UPB, prof. dr. ing. Marin Alexandru</p> <p>4) Expert pe termen scurt, domeniul de studii Inginerie si management, Inginerie Economica in domeniul mecanic, proiect FSE DOCIS 2009-2011 POSDRU 2/1.2/S/2 – coordonat de ACPART, director proiect prof. dr. ing. Sorin Zaharia</p> <p>5) IMI PQNET ETS “Rețeaua Autorităților Competente pentru Calificările Profesionale din România, POSDRU/93/3.3/S/53132 director proiect Andrei Linu</p> <p>6) Coordonator stiintific / responsabil calitate - <i>Cercetari privind sinteza electrochimica a unor materiale compozite micro si nano structurate pentru aplicatii in dezvoltare durabila</i> – ELECTROCHIMAT CEEX 309/13.09.2006, 2006-2008, director grant conf. A. Banu</p> <p>7) Responsabil știintific proiect - <i>Sisteme nanohibride pentru electrocataliza in pile cu combustibili regenerabili</i>, SINECAR, PN proiect PARTENERIATE, nr.21-058/13.09.2007, director grant conf. A. Banu</p> <p>8) Participant în echipa de proiect - Formator – pregatire in domeniul calitatii – responsabili calitate, salariatii din domeniul mobilei PHARE 2002 – Coeziune economica si sociala. Dezvoltarea resurselor umane, proiectul „<i>Formarea in domeniul calitatii in industria mobilei</i>” – responsabil ADEMS SRL, partener Univ. Politehnica Buc. (director prof. A. Szuder) , 2005-2006</p> <p>9) Participant în echipa de cercetare – Aplicarea termografiei in IR pentru caracterizarea materialelor compozite - A.N.S.T.I., contract nr. 5076 / 18.11.1999, tema A 5, perioada 1999 – 2000,director grant prof. A. Mihai</p> <p>10) Participant în echipa de proiect, CNFIS - Banca Mondiala, Certificarea absolventilor de colegiu in controlul nedistructiv, perioada 1999-2000, director proiect prof. G. Amza</p> <p>11) P. Gladcov – <i>Studii și cercetări privind prelucrarea materialelor prin deformare plastică prin rotofricțiune pe mașini unelte de tipul strungurilor</i> - Ministerul Învățământului, contract nr. 28-91-9/28.03.1991, I. Severin participant in echipa de cercetare la etapa I,</p>	<p>2*1,5 ani=3</p> <p>2*3ani=6</p> <p>2*3ani=6</p> <p>2*3ani=6</p> <p>2*1,5ani=3</p> <p>2*3ani=6</p> <p>2*1,5=3</p> <p>2*1,5=3</p> <p>2*2ani=4</p> <p>2*1an=2</p> <p>2*1an=2</p>

				faza II – iunie 1992 și etapa II, faza I – martie 1993	
2.6	Coordonare/ Dezvoltare laborator/ centru cercetare	Dezvoltare centru cercetare și didactic			
Cerința: min230 TOTAL A2 - Activitatea de cercetare = 472 _ de la ultima promovare					
3. Recunoașterea și impactul activității (A3)					
3.1	Citari in reviste ISI si BDI	3.1.1 Citări în Reviste ISI	5	R. El Abdi, A. Rujinski, C. Borda, I. Severin , M. Poulain – <i>New method for strength improvement of silica optical fibres</i> – Elsevier, Optics & Lasers in Engineering, Ed. A. K. Asundi, P. K. Rastagi, no. 46 (3), p. 222-229, doi:10.1016/j.optlaseng.2007.10.005, ISSN 0143-8166, (2008)	10
				A new method for the measurement of static and dynamic Young's moduli of long fibres, Tomasz Wiecek, Composites Part A Applied Science and Manufacturing 05/2014; DOI: 10.1016/j.compositesa.2014.01.007, Elsevier, WOS:000334000100001	10/5autori= 2
				Failure of multimode optical fibers nano-structured by near ablation threshold single-shot femtosecond laser procedure B. Delobelle, D. Perreux, P. Delobelle, Journal of Non-Crystalline Solids 05/2013; 368:1–16. DOI:10.1016/j.jnoncrysol.2013.02.008, Elsevier, WOS:000319103700001	10/5autori= 2
				Failure of nano-structured optical fibers by femtosecond laser procedure as a strain safety-fuse sensor for composite material applications, B. Delobelle, D. Perreux, P. Delobelle, Sensors and Actuators A Physical 04/2014; DOI:10.1016/j.sna.2014.02.008, Elsevier, WOS:000334984300009	10/5autori= 2
				A New Testing Machine for the Dynamic Characterization of High Strength Low Damping Fiber Materials By: Ceravolo, R.; De Marchi, A.; Pinotti, E.; Surace C.; Fragonara L.Z. EXPERIMENTAL MECHANICS Volume: 57 Issue: 1 Pages: 65-74 Published: JAN 2017, Springer, WOS:000392290400005	10/5autori= 2
				Continuous flow of polyimide coating on silica optical fibre and its characterization By: Dikshit, Asok K. INTERNATIONAL JOURNAL OF PLASTICS TECHNOLOGY Volume: 20 Issue: 2 Pages: 401-423 Published: DEC 2016, Springer, WOS:000385249800014	10/5autori= 2
				M. Caramihai, I. Severin, E-Learning & Vocational Training within Leonardo da Vinci projects: The Romanian Case Study, Conference: e-learning and Virtual and Remote Laboratories, Proceedings of the 1st International Workshop on e-learning and Virtual and Remote Laboratories, VIRTUAL-LAB 2004, In conjunction with ICINCO 2004, Setúbal, Portugal, August 2004	5
				Learning Computer Networking on Open Paravirtual Laboratories, M. Anisetti, V. Bellandi, A. Colombo, M. Cremonini, E. Damiani, F. Frati, IEEE Transactions on Education (Impact Factor: 1.727). 12/2007; DOI: 10.1109/TE.2007.904584, WOS:000251110400004	10/2autori= 5
				I Severin, M Poulain, R El Abdi Mechanical and chemical damage of optical fiber polymer coating Journal of Optoelectronics and Advanced Materials 9 (7), 2110, 2007	3.33
				Hydrogenated amorphous carbon films used for carbon-sealed double-coated optical fibers, Tsuen-Sung Chen, Sham-Tsong Shiue, Thin Solid Films , Volume 520, Issue 22, 1 September 2012, Elsevier, Pages 6765–6773, doi:10.1016/j.tsf.2012.07.032, WOS:000308205400009	10/3autori= 3.33
6		I. Severin, R. El Abdi, M. Poulain, Strength measurements of silica optical fibers under severe environment, Optics & Laser Technology, 03/2007; 39(2):435–441. DOI: 10.1016/j.optlastec.2005.06.027	19.98		

			<p>Effects of impurity dilution in preforms on attenuation and strength of optical fiber By: Wu, Yiwen; Yu, Haihu; Chen, Su; Sattmann R.; Cao B.B.; Luo J. Conference: 13th International Conference on the Physics of Non-Crystalline Solids (PNCS) Location: Yichang, PEOPLES R CHINA Date: SEP 16-20, 2012 Sponsor(s): Hubei Sanxia New Bldg Mat Co Ltd; China Three Gorges Univ; Hubei Feilihua Quartz Glass Co Ltd; Jiansu Xiuqiang Glasswork Co Ltd; FiberHome Technologies Grp; Hubei New Huaguang Informat Mat Co Ltd; Yangtze Opt Fiber & Cable Co Ltd; AVIC Special Glass Mat Co Ltd; Hainan Univ JOURNAL OF NON-CRYSTALLINE SOLIDS Volume: 383 Special Issue: SI Pages: 81-85 Published: JAN 1 2014, Elsevier, WOS:000330819000016</p>	10/3autori= 3.33
			<p>Carbon coatings on silica glass optical fibers studied by reflectance Fourier-transform infrared spectroscopy and focused ion beam scanning electron microscopy By: Stolov, Andrei A.; Lombardo, ; Slyman, Brian E.; Li. J.; Chiu W.K.S. THIN SOLID FILMS Volume: 520 Issue: 13 Pages: 4242-4248 Published: APR 30 2012, Elsevier, WOS:000303084200003</p>	10/3autori= 3.33
			<p>Failure of multimode optical fibers nano-structured by near ablation threshold single-shot femto second laser procedure, F Delobelle, B., Perreux, D., Delobelle, P.; Journal of Non-Crystalline Solids; volume 368, issue 1, year 2013, pp. 1 - 16, DOI: 10.1016/j.jnoncrysol.2013.02.008, Elsevier, WOS:000319103700001</p>	10/3autori= 3.33
			<p>Elasto-optical behavior model of a step-index fiber under localized pressure A Sánchez, S Orozco, AV Porta, MA Ortiz - Materials Chemistry and Physics, 2013 – Elsevier, WOS:000316519900025</p>	10/3autori= 3.33
			<p>Silica hydrogel formation and aging monitored by pyrene-based fluorescence probes , Tomáš Nedelčev, Igor Krupa, Pavol Hrdlovič, Jozef Kollár, Dušan Chorvát, Journal of Sol-Gel Science and Technology, 08/2010; 55(2):143-150. DOI: 10.1007/s10971-010-2226-5, Springer, WOS:000280249700002</p>	10/3autori= 3.33
			<p>Failure of nano-structured optical fibers by femtosecond laser procedure as a strain safety-fuse sensor for composite material applications, B. Delobelle, D. Perreux, P. Delobelle, Sensors and Actuators A Physical 04/2014; DOI:10.1016/j.sna.2014.02.008, Elsevier, WOS:000334984300009</p>	10/3autori= 3.33
	3		<p>R. El Abdi, A.D. Rujinski, M. Poulain, I. Severin - <i>Damage of Optical Fibers Under Wet Environments</i>. Experimental Mechanics (Impact Factor: 1.57). 10/2009; 50(8):1225-1234. DOI: 10.1007/s11340-009-9310-1</p>	7.5
			<p>The influence of UV radiation and moisture on the mechanical properties and micro-structure of single Kevlar fibre using optical methods, H Wang, H Xie, Z Hu, D Wu, P Chen - Polymer Degradation and Stability, 2012 – Elsevier, WOS:000308051500024 doi:10.1016/j.polymdegradstab.2012.06.010</p>	10/4autori= 2.5
			<p>Qiang Zhao, Yi Qu, Yong-Jie Wang, and Fang Li , Wavelength evolution of long-period fiber gratings in a water environment, Applied Optics, Vol. 52, Issue 11, pp. 2478-2483, (2013), doi: 10.1364/AO.52.002478, osapublishing.org, Optical Society of America, WOS:000317473000030</p>	10/4autori= 2.5
			<p>Effects of neutron-gamma radiation on fiber bragg grating sensors: a review, M Perry, P Niewczas, M Johnston - Sensors Journal, IEEE, Volume:12 , Issue: 11, pp, 3248-3257, 2012 - ieeexplore.ieee.org, DOI:10.1109/JSEN.2012.2214030 , WOS:000314815100019</p>	10/4autori= 2.5
	1		<p>I. Severin, R. El Abdi, M. Poulain, M. Caramihai - Reliability evolution of optical fibre subjected to chemical environment, Applied Mechanics and Materials (Volumes 152 - 154), p. 414-417, ISSN: 1662-7482, doi: 10.4028/www.scientific.net/AMM.152-154.414, ian 2012</p>	2.5
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			<p>R El Abdi, M Poulain - Changes in mechanical behaviour of optical fibers aged in surfactant solutions - Optics and Lasers in Engineering, 2012, Volume 50, Issue 9, Pages 1217–1222, doi:10.1016/j.optlaseng.2012.03.019, Elsevier, WOS:000305773200006</p>	10/3autori= 3.33
	1		<p>Advanced sensor systems and applications IV By: Severin, I; El Abdi, R; Poulain, M; Caramihai, M.</p>	3.33

			P SOC PHOTO-OPT INS Volume: 7853 Article Number: 785312-1-6 Published: 2010 Viscosity of silica optical fibres characterized using regenerated gratings By: Shao, L. -Y.; Canning, J.; Wang, T.; Cook K.; Tam H.Y. ACTA MATERIALIA Volume: 61 Issue: 16 Pages: 6071-6081 Published: SEP 2013 Elsevier, WOS:000324449700014	10/4autori= 2,5
		2	ZGURA, G.; SEVERIN, I.; TONOIU, I. MAT COMPOSITE CU MAT Pages: 335 Published: 2000 Publisher: Academiei Romane, Bucuresti New Advanced Composite Materials with Applications in Automotive Industry. II By: Caramitu, Alina Ruxandra; Banciu, Cristina; Mitrea, Sorina; Buruntia N. ; Avadanei L. ; Nicolae V. MATERIALE PLASTICE Volume: 49 Issue: 3 Pages: 198-200 Published: SEP 2012 Chiminform Data Bucuresti WOS:000309699300014	6.66
			TECHNOLOGICAL CHARACTERISTICS OF Al/AI2O3/Gr POWDER COMPOSITES OBTAINED BY MECHANICAL ALLOYING By: Iacob, Gheorghe METALURGIA INTERNATIONAL Volume: 18 Issue: 2 Pages: 43-48 Published: 2013, Romanian Metallurgical Foundation, Romania WOS:000313469500010	10/3autori= 3,33
		1	M Caramihai, I Severin - Bioprocess modeling and control, Biomass Now: Sustainable Growth and Use (Matovic, DB, ed.), InTech, Rijeka, 2013 Antony Constantinou, Karen M.Polizzi - Opportunities for bioprocess monitoring using FRET biosensors, Biochemical Society Transactions Oct 01, 2013, 41 (5) 1146-1151; DOI: 10.1042/BST20130103 WOS:000324910200005	5 10/2autori= 5
	3.1.2 Citări în reviste BDI	1	I. Severin , M. Caramihai, G. Amza, A.M. Lupu - Risk assessment in project management: a practical tool, Proc. of Int. Conf. on Risk Management, Assessment and Mitigation, WSEAS, Bucuresti 20-22 apr. 2010, ISSN: 1790-2769, ISBN: 978-960-474-182-3, pp.160-163 INSTRUMENTS AND TECHNIQUES USED IN THE IMPLEMENTATION OF NATURAL DISASTER RISK RESPONSE PROJECT, V. Popa, L. Badea, M. Barna, Polish Journal of Management Studies 01/2011; 4(1):1-238. Source: RePEc	1.25 5/4autori= 1.25
	19 citari	2	R. El Abdi, A.D. Rujinski, M. Poulain, I. Severin - <i>Damage of Optical Fibers Under Wet Environments</i> . Experimental Mechanics (Impact Factor: 2.415). 10/2009; 50(8):1225-1234. DOI: 10.1007/s11340-009-9310-1 <i>F. Domingues, M. Granada, P. Andre, Optical fibres coating aging induced by the maritime environment. Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> 06/2011; 10(1):259-265. DOI: 10.1590/S2179-10742011000100024, Brazilian Microwave and Optoelectronics Society, Scopus N. Evano, R. El. Abdi, M. Poulain, Lifetime modeling of silica optical fiber in static fatigue test, Journal of Applied Research & Technology 14, 2016, pp.278-285, Elsevier, www.jart.ccadet.unam.mx , Scopus, sciedirect	2.5 5/4autori= 1.25 5/4autori= 1.25
	31,66 pct.	2	M. Caramihai, I. Severin , A. Blidaru, H. Balan, C. Saptefrati - Evaluation of breast cancer by using fuzzy logic, Proceedings of the 10th WSEAS international conference on applied informatics and communications, and 3rd WSEAS international conference on Biomedical electronics and biomedical informatics, Malta, 15-17.09.2010, pp. 324-329, ISSN: 1792-4863, ISBN: 978-960-474-225-7, www.wseas.org A.Mannan International Journal of Pharma and Bio Sciences 10/2013; 4(4):(B) 875 - 884. <i>FUZZY APPROACH FOR THE ESTIMATION OF THE AMOUNT OF PURIFIED PROTEIN IMMUNOGLOBULIN G FROM THE PROTEIN A AFFINITY COLUMN</i> . Index Copernicus R. Khezri, R. Hosseini, M. Mazinani, a Fuzzy Rule-based Expert System for the Prognosis of the Risk of Development of the Breast Cancer, International Journal of Engineering (IJE) , TRANSACTIONS A: Basics Vol. 27, No. 10, (October 2014) 1557 – 1564, doi: 10.5829/idosi.ije.2014.27.10a.09 EBSCO, CrossRef, Scopus	2 5/5autori=1 5/5autori=1
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	1		I Severin, R El Abdi, G Corvec, M Caramihai - Optical Fiber Embedded in Epoxy Glass Unidirectional Fiber Composite System, Materials 7 (1), 44-57	1,25
			Xue Yanru, Yao Yinghua, Liu Min, Wang Feng, The study of communication fibre amplifier based on doped nano-scale semiconductor materials, COMPUTER MODELLING & NEW TECHNOLOGIES 2014 18(10), 529-536, Transport & Telecommunication Institute Latvia Scopus	5/4autori= 1.25
	1		I Severin, G Zgura - Microstructure evolution in 6063/SiCp composites Science and Engineering of Composite Materials 7 (4), 315-322, 1998	2,5
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	1		I. Severin, R. El Abdi, M. Poulain, M. Caramihai - Reliability evolution of optical fibre subjected to chemical environment, Applied Mechanics and Materials (Volumes 152 - 154) , p. 414-417, ISSN: 1662-7482, doi: 10.4028/www.scientific.net/AMM.152-154.414, ian 2012	1,25
			<u>Оптические свойства водных растворов диметилсульфоксида и рефрактометрические средства их контроля при производстве полимерных волокон</u> АКМАРОВ К.А., ЛАПШОВ С.Н., ШЕРСТОБИТОВА А.С., ЯСЬКОВ А.Д. - ЖУРНАЛ ПРИКЛАДНОЙ СПЕКТРОСКОПИИ Издательство: Институт физики им. Б.И. Степанова НАН Беларуси (Минск) ISSN: 0514-7506, 2012 - aspirantura.ifmo.ru, elibrary.ru Google Scholar	5/4autori= 1.25
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			Comparison of Mamdani and Sugeno fuzzy interference systems for the breast cancer risk AA Shleeg, IM Ellabib - International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:7, No:10, 2013, waset.org Google Scholar	5/5autori=1
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			Nauka dla Przemysłu i Środowiska Google Scholar, BazTech	
		6	M. Caramihai, I. Severin - eLearning Tools Evaluation based on Quality Concept Distance Computing. A Case Study, The International Conference on Computer and Information Technology, Proc. of World Academy of Science, Engineering and Technology, vol. 53, Tokyo, May. 2009, ISSN: 2070-3740, pp 569-573	15
			A Technique for Quality Evaluation of E-Learning from Developers Perspective Abdellatif, Majdi; Sultan, Abu Bakar Md; Jabar, Marzanah A; Abdullah, Rusli. <i>American Journal of Economics and Business Administration</i> 3.1 (2011): 157-164, ISSN 1945-5488, 2010 Science Publications Google Scholar	5/2autori= 2.5
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3.2	Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)	12	3.2.1 Internationale I. Severin , A. Dumitrache-Rujinski, G. Amza - Optical fibres : a review on mechanical failure mechanisms, ISBN 978-89-92265-09-6, International Conference on Intelligent Textiles, www.icit2008.org, 6-7 nov. 2008, Jeju – Coreea – invited paper I. Severin , R. El Abdi, M. Poulain, M. Caramihai – Strength of silica optical fibre subject to chemical environment, Advanced Sensor Systems and Applications IV, Photonics ASIA Symposium, SPIE PA10-PA111-216, October, 18-21, 2010, Beijing, China, Vol. 7850-7855 Profesor invitat Universite de Rennes 1, Rennes, Franta 1.05. - 30.06.2013, 2 luni, 1.05. - 30.06.2010, 2 luni, 22.10 – 22.12. 2007; 10.11.2006-10.02.2007; 15.11.2005-15.02.2006; 15.11.2004-15.02.2005; 1.11.2003-31.01.2004; 1.11.2002-31.01.2003; 1.09-31.12.2001; 1-15.12.2000	20 20 20*10=200
		4	3.3.2 Nationale G. Zgură, I. Severin – <i>Deformation – damage mechanisms of discontinuously reinforced composites</i> – invited paper - Beyond 2000 International Conference, Sibiu 25 – 29 nov. 1999 – Sci. Bulletin of “Lucian Blaga” University Sibiu Acta Universitatis Cibiniensis, vol. XXXIV, Series A: Materials Science and Technology, p. 7-14, ISSN 1221-4949 (invited paper), 1999 M. Caramihai, I. Severin - Quality Design of eLearning in VET, 10th European Conference E-COMM-LINE 2009, Bucharest , September 28-29, ISBN-10: 973-1704-16-7, ISBN-13: 978-973-1704-16-6	10 10

				<p>I. Severin, M. Caramihai - Challenges and threats for public institutions in excellence concepts implementation, Int. Conf. Calitate si Siguranta in Functionare / Quality and Dependability Int. Conf. CCF 2010, 22-24 sept. 2010, Sinaia, Editors: D. Stoichitoiu, I. Bacivarov, A. Kobi, ISSN 1842-3566</p> <p>Rochdi El Abdi, Irina Severin, Tensile characterizations of Optical Fiber Embedded in Epoxy Glass Composite System, International Conference on Aerospace, Robotics, Manufacturing Systems, Mechanical Engineering, Neurohabilitation and Human Motility ICMERA 2014, 24-27 oct. 2014, Bucuresti, Editor Adrian Olaru</p>	<p>10</p> <p>10</p>
3.3	<p>Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice / Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI</p>	-	<p>5</p> <p>50 pct.</p>	<p>3.3.1 ISI</p> <p>1) Referent științific la Buletinul UPB – Seriile Chimie si Mecanica (B, D), Indexat BDI / ISI</p> <p>2) Referent stiintific Journal of Alloys and Compounds, Elsevier, Editor Hongge Pan</p> <p>3) Referent stiintific Measurement, Journal of the International Measurement Confederation, Elsevier, Editor K.T.V. Grattan,</p> <p>4) Referent stiintific Electrical Engineering, Springer, Editor Admin Schnettler,</p> <p>5) Referent stiintific jurnal Energy, Elsevier, Editor H. Lund</p>	<p>10</p> <p>10</p> <p>10</p> <p>10</p> <p>10</p>
			<p>3</p> <p>24 pct.</p>	<p>3.3.2 BDI</p> <p>6) Referent stiintific Int. J. of Materials and Product Technology (IJMPT), Scopus</p> <p>7) Comitet stiintific conferinta MESD 2016 International Conference on Management, Economics and Sustainable Development _ 25-26 sept. 2016, Shanghai, chair G. Alungbe, DESTech Publications</p> <p>8) ICCS 20 Paris 4-7 sept 2017, chair A.M. Ferriera Baptista, Scopus</p>	<p>8</p> <p>8</p> <p>8</p>
			<p>5</p> <p>30 pct.</p>	<p>3.3.3 Neindexate</p> <p>1) Referent stiintific Journal of Ecology & Natural Environment, Editor Franklin Monyei, ISSN: 2006-984</p> <p>2) Membru în Comitetul științific al Conferinței Internaționale: OEPT 2009</p> <p>3) Membru in Comitetul stiintific al Conferintei Internationale 10th European Conference E-COMM-LINE 2009, Bucharest , September 28-29</p> <p>4) 2nd Annual International Workshop on Materials Science and Engineering [IWMSE2016] www.iwmse2016.org/</p> <p>5) ICSAAM Bucuresti 22-25 Sept. 2017, chair Gabriel Jiga</p>	<p>5</p> <p>5</p> <p>5</p> <p>5</p> <p>5</p>
3.4	<p>Experiența de management, analiză și evaluare în cercetare și/sau învățământ.</p>	-	<p>5</p> <p>150 pct.</p>	<p>3.4.1 Conducere</p> <p>Prodecan IMST din iunie 2016</p> <p>Președinte în Comisia de concurs pentru ocuparea postului poz. 51 de Asistent numită prin Decizia Rectorului UPB Nr. 11 din 6.01.2015.</p> <p>Presedinte Consiliul de Apel SRAC - CERT din 2009</p> <p>Coordonator ANPCDEFP din 2001</p> <p>Expert tehnic judiciar specialitatea Merceologie si Managementul Calitatii, Ministerul Justitiei, autorizatie nr. 102/18.05.2010 seria 122/127/147/19042010</p>	<p>5*1an=5</p> <p>5*1an=5</p> <p>5*5ani=25</p> <p>5*16ani=80</p> <p>5*7ani=35</p>

		-	2 26 pct.	3.4.2 Membru Membru consiliul facultatii IMST Membru consiliu conducere departament TMS	2*7 ani=14 2*6ani=12
3.5	Premii			3.5.1 Academia Română 1993 Aurel Vlaicu	30
3.6	3.6.4 Asociații profesionale	3.6.4.1 Internationale	2 10 pct	Evaluator EFQM SPIE Photonics / Societatea Internationala de Fotonica	5 5
		3.6.4.2. Naționale -	4 12 pct.	1) Membru al CERTIP 2) Membru al Asociației Universitare de Ingineria Fabricației (AUIF) 3) Membru Asociația de Tehnologii Neconventionale 4) Membru Alumni IMST	3 3 3 3
	3.6.5. Organizații în domeniul educației și cercetării în asociații profesionale.	-	1 5 pct.	3.6.5.2. Membru Expert ARACIS / stiinte ingineresti	5
Cerința: min 70 TOTAL A3 - Recunoașterea și impactul activității = 686.3					
	TOTAL PUNCTAJ, din care:	min.430	1519.86		
	A₁ – Activitatea didactică și profesională	min.130	361.56		
	A₂ – Activitatea de cercetare	min.230	472		
	A₃ – Recunoașt. și impactul activității	min.70	686.3		