

Nr. crt.	STANDARD	Autoevaluare candidat	Verificare comisie
		Îndeplinire/ Punctaj	Îndeplinire/ Punctaj
	ENGINEERING (MODTECH2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article Number: 012004 DOI: 10.1088/1757-899X/95/1/012004, Published: 2015		
2.5	N.C. TÂMPU, G. BRABIE, B.A. CHIRIȚĂ, E. HERGHELEGIU , M.C. RADU, Influence of the cooling liquid on surface quality characteristics in milling, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING (MODTECH 2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article Number: 012024, DOI: 10.1088/1757-899X/95/1/012024, Published: 2015	1.4	
2.6	M. C. RADU, I. CRISTEA, E. HERGHELEGIU , S. TABACU, Improving the Accuracy of Parts Manufactured by Single Point Incremental Forming, Optirob 2013: Optimization Of The Intelligent Systems And Their Applications In Aerospace, Robotics, Mechanical Engineering, Manufacturing Systems, Biomechatronics And Neurorehabilitation Book Series: Applied Mechanics and Materials, Volume: 332 Pages: 443-448, DOI: 10.4028/www.scientific.net/AMM.332.443, Published: 2014 .	1.75	
2.7	C. SCHNAKOVSKY, E. HERGHELEGIU , M. C. RADU, I. CRISTEA, The Influence of the Feed Rate on the Quality of Surfaces Processed by AWJ at High Pressures, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING, Book Series: Advanced Materials Research, Volume: 837 Pages: 196-200, DOI: 10.4028 / www.scientific.net / AMR.837.196, Published: 2014 .	1.75	
2.8	C. SCHNAKOVSKY, E. HERGHELEGIU , N. C. TÂMPU, The Metal Sheets Processed by AWJ. Analysis of the Surface Quality, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING Book Series: Advanced Materials Research, Volume: 837 Pages: 201-205, DOI: 10.4028/www.scientific.net/AMR.837.201, Published: 2014 .	2.33	
2.9	M. C. RADU, E. HERGHELEGIU , N. C. TÂMPU, I. CRISTEA, The Residual Stress State Generated by Single Point Incremental Forming of Aluminum Metal Sheets, INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 148-152, DOI: 10.4028/www.scientific.net/AMM.371.148, Published: 2013	1.75	
2.10	E. HERGHELEGIU , M. C. RADU, C. SCHNAKOVSKY, I. CRISTEA, Influence of the Distance between the Cutting Head and Working Sample on the Geometric Precision in Water Jet Abrasive Cutting Process, INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 240-244, DOI: 10.4028/www.scientific.net/AMM.371.240, Published: 2013	1.75	
2.11	E. HERGHELEGIU , M. C. RADU, C. SCHNAKOVSKY, I. CRISTEA, High Pressure Water Jet Cutting of the Al 6061 T651 Aluminum Alloy, INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 245-249, DOI: 10.4028/www.scientific.net/AMM.371.245, Published: 2013	1.75	

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		Îndeplinire/ Punctaj	Îndeplinire/ Punctaj
2.12	M. C. RADU, E. HERGHELEGIU, C. SCHNAKOVSKY, I. CRISTEA, Comparative Analysis of the Quality of Parts Made by an Aluminum Alloy Processed by Unconventional Cutting Methods, INNOVATIVE MANUFACTURING ENGINEERING Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 310-314, DOI: 10.4028/www.scientific.net/AMM.371.310, Published: 2013	1.75	
2.13	E. HERGHELEGIU, Experimental Determination Of The Cutting Speed In The Case Of The Water Jet Processing Of Different Materials, MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS, Book Series: Proceedings of the International Conference ModTech, Pages: 327-330, Published: 2010	7	
BDI		5	
2.14	E HERGHELEGIU, M. RADOVANOVIC, G. BRABIE, N. C. TÂMPU, Influence of abrasive material quantity on surface quality generated by abrasive water jet operation, International Journal of Modern Manufacturing Technologies ISSN 2067-3604, Vol. III, No. 2 / 2011 , pag. 43-48.	1	
2.15	E. HERGHELEGIU, C. SHNAKOVSKY, M. RADOVANOVIC, C. I. RAVEICA, Comparative Study On The Dimensional Accuracy And Surface Quality Of Plates Cut Through Unconventional Methods, ModTech International Conference Modern Technologies, Quality and Innovation 24-26 May 2012 , Sinaia, Romania, pag. 433-436.	1	
2.16	M. RADOVANOVIC, G. BRABIE, E. HERGHELEGIU, I. ZHELEZAROV, Investigation on surface roughness of carbon steel machined by abrasive water jet, 35th International conference on production engineering, 25 – 28 September 2013 , Kraljevo – Kopaonik, Faculty of Mechanical and Civil Engineering in Kraljevo, pag. 133 – 136.	1	
2.17	M. C RADU, E. HERGHELEGIU, C. SCHNAKOVSKY, N. C. TÂMPU, Experimental Analysis Of The Influence Of Feed Rate On Quality Of Cuts Performed By Awj, Journal of engineering studies and research (JESR), ISSN 2068 – 7559, Vol. 21 No. 1, January - March 2015 , Pag. 76-80.	1	
2.18	HERGHELEGIU Eugen , RADU Crina, SCHNAKOVSKY Carol and ZICHIL Valentin, Quality of the Cut Surfaces Processed by AWJC as a Function of the Distance between the Cutting Head and Working Sample, Applied Mechanics and Materials Vol. 809-810 (2015) pp 207-212, DOI:10.4028/www.scientific.net/AMM.809-810.207.	1	
Participări conferințe		4.5	
2.19	E. HERGHELEGIU, M. C. RADU, C. SCHNAKOVSKY, N. C. TÂMPU , 2013, The influence of the chemical composition of material on the quality of cuts performed by AWJ , The Xth International Conference of Constructive and Technological Design Optimization In The Machines Building Field (OPROTEH), abstract vol.1, no.1, pg.21, ISBN 978-606-527-293-4.	0.5	
2.20	E. HERGHELEGIU, M. C. RADU, C. SCHNAKOVSKY, 2013, The	0.5	

Nr. crt.	STANDARD	Autoevaluare candidat	Verificare comisie
		Îndeplinire/ Punctaj	Îndeplinire/ Punctaj
	influence of the material thickness on the quality of cuts performed by AWJ, The Xth International Conference of Constructive and Technological Design Optimization In The Machines Building Field (OPROTEH), abstract vol.1, no.1, pg.22, ISBN 978-606-527-293-4		
2.21	E. HERGHELEGIU, M. C. RADU, C. SCHNAKOVSKY, I. CRISTEA, 2013, Influence of the Distance between the Cutting Head and Working Sample on the Geometric Precision in Water Jet Abrasive Cutting Process, INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 240-244, DOI: 10.4028/www.scientific.net/AMM.371.240, 23-24 Mai 2013, Iași, România	0.5	
2.22	E. HERGHELEGIU, M. C. RADU, C. SCHNAKOVSKY, I. CRISTEA, 2013, High Pressure Water Jet Cutting of the Al 6061 T651 Aluminum Alloy, INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 245-249, DOI: 10.4028/www.scientific.net/AMM.371.245, 23-24 Mai 2013, Iași, România	0.5	
2.23	E. HERGHELEGIU, C. SHNAKOVSKY, M. RADOVANOVIC, C. I. RAVEICA, Comparative Study On The Dimensional Accuracy And Surface Quality Of Plates Cut Through Unconventional Methods, ModTech International Conference Modern Technologies, Quality and Innovation 24-26 May 2012, Sinaia, Romania, pag. 433-436.	0.5	
2.24	E. HERGHELEGIU, G. BRABIE, Comparative Analysis Of The Surface Quality As Result Of Processing Through Various Procedures, Optimum Technologies, Technologic Systems and Materials In The Machines Building Field (TSTM) 15 nr. 1 /2009. pag. 54 – 59, ISSN 1224 – 7499.	0.5	
2.25	E. HERGHELEGIU, The Influence Of The Water Pressure On The Advance Speed And The Geometric Precision When Water Jet Processing, Optimum Technologies, Technologic Systems and Materials In The Machines Building Field (TSTM) 15 nr. 2 /2009, pag. 59 – 65, ISSN 1224 – 7499.	0.5	
2.26	E. HERGHELEGIU, Analysis regarding the surface roughness in abrasive waterjet cutting process (A REVIEW OF THE FACTORS ON INFLUENCE), Optimum Technologies, Technologic Systems and Materials In The Machines Building Field (TSTM) 14, No. 1 Bacău 2008. Pag. 59 – 64, ISSN 1224 – 7499.	0.5	
2.27	E. HERGHELEGIU, The abrasive materials used for cutting with abrasive water jet, (A REVIEW OF THE USED ABRASIVE MATERIALS), Optimum Technologies, Technologic Systems and Materials In The Machines Building Field (TSTM) 14 Nr. 2 Bacau 2008. Pag. 59 -65, ISSN 1224 – 7499.	0.5	
3.	Cel puțin un material didactic pentru uzul studenților în domeniul postului scos la concurs (monografii, cărți, note de curs, caiet de seminar, caiet de laborator, îndrumar de practică). Lista materialelor publicate:	DA / 1.25	

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		Îndeplinire/ Punctaj	Îndeplinire/ Punctaj
3.1	Crina RADU, Ion CRISTEA, Eugen HERGHELEGIU, Nicolae Cătălin TÂMPU, <i>Sisteme de management al calității: Cerințe. Audit</i> , Editura ALMA-MATER, Bacău, 2015, ISBN 978-606-527-483-9.	0.66	
3.2	Crina RADU, Eugen HERGHELEGIU, Ion CRISTEA, <i>Prelucrarea prin deformare plastică la rece: Îndrumar pentru lucrări practice</i> , Editura ALMA-MATER, Bacău, 2015, ISBN 978-973-8392-99-1;	0.59	
4.	Alte criterii relevante considerate de candidat	63.8	
4.1	Contracte de cercetare:	23.8	
A	Analiza tensiunilor reziduale din piesele turnate Nr 12/2013, Nr 5/2014, Nr 12/2014 / Director de proiect – partener industrial SC LUFKIN PLOIESTI	12.92	
B	Analiza tensiunilor reziduale din piesele turnate Nr 11/2013 ; Nr 1, 2,3,4,7,8,9,10,14,15/2014 / Membru – partener industrial SC LUFKIN PLOIESTI	7.66	
C	Tehnologii ecologice și economice pentru prelucrarea tablelor metalice folosite la realizarea blindajelor - ECOBLIND/ Membru	3.22	
4.2	Recunoașterea națională și internațională (citări, prezența în echipe editoriale, de evaluare etc.)	40	
A	<i>Lucrare citată: E HERGHELEGIU, M. RADOVANOVIC, G. BRABIE, N. C. TÂMPU, Influence of abrasive material quantity on surface quality generated by abrasive water jet operation, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. III, No. 2 / 2011, pag. 43-48.</i>		
a.1	Alexandru Cătălin Filip, Horatiu Bulea, Roughness variation and deviation from the perpendicularity of high concentrated ceramic alumium oxide on linear cutting in abrasive jet machining technology, <i>Advances in Production, Automation and Transportation Systems</i> , ISBN: 978-1-61804-193-7, pag. 201-205	5	
a.2	Deaconescu Tudor, and Deaconescu Andrea, Optimisation of abrasive jet cutting by means of taguchi methods, <i>Nonconventional Technologies Review Romania</i> , December, 2013, pag. 26 – 30.	5	
a.3	Apurva D. Joshi, D.I Sangotra, S.T Bagde, Development of Automated Glass Frosting Machine, <i>International Journal of Science and Engineering Applications</i> Volume 2 Issue 6, 2013, ISSN-2319-7560 (Online), pag. 118-122, DOI: 10.7753/IJSEA0206.1002	5	
B	<i>Lucrare citată: M. C. RADU, I. CRISTEA, E. HERGHELEGIU, S. TABACU, Improving the Accuracy of Parts Manufactured by Single Point Incremental Forming, Optirob 2013: Optimization Of The Intelligent Systems And Their Applications In Aerospace, Robotics, Mechanical Engineering, Manufacturing Systems, Biomechatronics And Neurorehabilitation Book Series: Applied Mechanics and Materials, Volume: 332 Pages: 443-448, DOI: 10.4028/www.scientific.net/AMM.332.443, Published: 2014.</i>		
b.1	Antonio Fiorentino *, G.C. Feriti, Elisabetta Ceretti, C . Giardini, C.M.G.	5	

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		Îndeplinire/ Punctaj	Îndeplinire/ Punctaj
	Bort, P. Bosetti, Development of Tool Path Correction Algorithm in Incremental Sheet Forming, Metal Forming 2014, pag. 382-389, DOI:10.4028/www.scientific.net/KEM.622-623.382		
b.2	A. Fiorentinoa, C. Giardinib, E. Cerettia, Application of artificial cognitive system to incremental sheet forming machine tools for part precision improvement, Precision Engineering Volume 39, January 2015, Pages 167–172, doi:10.1016/j.precisioneng.2014.08.005.	5	
b.3.	Adrián José Benítez Lozano, Gabriel Jaime Páramo Bermúdez, Frank Alexander Bustamante Correa, Comparative Analysis between the SPIF and DPIF Variants for Die-less Forming Process for an Automotive Workpiece, Inge Cuc, vol. 11 no. 2, pp 68-73, July - December, 2015	5	
C	<i>Lucrare citată: M. C. RADU, E. HERGHELEGIU, N. C. TÂMPU, I. CRISTEA, The Residual Stress State Generated by Single Point Incremental Forming of Aluminum Metal Sheets, INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 148-152, DOI: 10.4028/www.scientific.net/AMM.371.148, Published: 2013</i>		
c.1.	Arshpreet Singh, Anupam Agrawal, Investigation of surface residual stress distribution in deformation machining process for aluminum alloy, Journal of Materials Processing Technology 225 (2015) 195–202, DOI:10.1016/j.jmatprotec.2015.05.025.	10	
	PUNCTAJ TOTAL	118.16	

Declar pe proprie răspundere că informațiile prezentate în această fișă de autoevaluare sunt veridice.

Data completării

Semnătura

04.01.2016

Comisia de concurs

Președinte

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Membri

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